

**ANALISIS ANOMALI RAMADHAN EFFECT PADA SAHAM YANG  
TERDAFTAR DALAM JAKARTA ISLAMIC INDEX (JII)**

**SKRIPSI**



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**PROGRAM STUDI MANAJEMEN  
FAKULTAS BISNIS DAN EKONOMIKA  
UNIVERSITAS ISLAM INDONESIA  
YOGYAKARTA**

**2021**

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Disusun dan diajukan untuk memenuhi syarat ujian akhir guna memperoleh gelar sarjana strata-1 di Program Studi Manajemen  
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## ABSTRAK

Anomali pasar merupakan sebuah situasi yang bertolak belakang dengan konsep pasar efisien. Anomali dapat terjadi disaat para pelaku pasar modal atau investor dapat memanfaatkan sedemikian rupa informasi yang beredar sehingga dapat menyebabkan analisa pribadi para investor terkait pergerakan harga saham yang biasanya sudah tersusun dan terjadi secara berulang pada saat-saat tertentu. Anomali pasar memiliki banyak jenis, salah satunya *Ramadhan Effect*. Anomali *Ramadhan Effect* merupakan anomali musiman dan terjadi jika terdapat perbedaan yang signifikan pada saat bulan Ramadhan dibandingkan dengan saat diluar bulan Ramadhan. Penelitian kali ini dilakukan untuk menguji apakah terdapat fenomena *Ramadhan Effect* pada saham perusahaan yang terdaftar dalam *Jakarta Islamic Index (JII)* pada rentang tahun 2016 sampai dengan tahun 2020. Hasil penelitian kali ini menjelaskan bahwa terdapat fenomena *Ramadhan Effect* yang dapat dilihat dari perbedaan yang signifikan. Penelitian ini dapat digunakan untuk menambah kerangka pemikiran investor sebelum mengambil sebuah keputusan untuk berinvestasi.

**Kata kunci :** Anomali pasar, *Ramadhan Effect*

## ABSTRACT

The market anomaly is a situation that is contrary to the concept of an efficient market. Anomalies can occur when capital market participants or investors can take advantage of the information circulating in such a way that it can lead to personal analysis of investors regarding stock price movements which are usually arranged and occur repeatedly at certain times. There are many types of market anomalies, one of which is the Ramadan Effect. Anomaly Ramadan Effect is a seasonal anomaly and occurs if there is a significant difference during the month of Ramadan compared to outside the month of Ramadan. This study was conducted to test whether there is a Ramadhan Effect phenomenon in the shares of companies listed in the Jakarta Islamic Index (JII) in the range of 2016 to 2020. The results of this study explain that there is a Ramadan Effect phenomenon that can be seen from a significant difference. This research can be used to add to the investor's frame of mind before making a decision to invest.

**Keywords :** Market anomaly, *Ramadhan Effect*

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# BAB I

## PENDAHULUAN

### 1.1 Latar Belakang

Dalam perekonomian dunia saat ini, pasar modal merupakan salah satu hal yang penting untuk memperkuat sektor keuangan. Pasar modal merupakan perdagangan terkait aktivitas memperjualbelikan surat-surat berharga (sekuritas) dalam jangka panjang. Undang-undang No. 8 tahun 1985 tentang pasar modal mengartikan sebagai kegiatan yang bersangkutan dengan penawaran umum dan perdagangan efek, perusahaan public yang berkaitan dengan efek yang diterbitkannya serta Lembaga dan profesi yang berkaitan dengan efek. Pengertian pasar modal adalah sebuah pasar yang berguna untuk memperjualbelikan obligasi dan saham kepada para investor dalam kurun waktu lebih dari setahun dan diterbitkan oleh lembaga seperti pemerintah ataupun perusahaan swasta dan berbentuk hutang ataupun modal sendiri, , pengertian ini dinyatakan oleh Husnan (2005). Dengan adanya pasar modal maka memungkinkan investor melakukan diversifikasi investasi, membentuk portofolio sesuai dengan resiko yang dapat ditanggung dan tingkat keuntungan yang diharapkan oleh investor. Hubungan terkait keuntungan yang diharapkan ini merupakan keadaan pasar modal yang efisien, kaitan positif antara keuntungan dan risiko yang diharapkan terjadi (Husnan, 2009).

Commented [MOU1]: Husnan (saja)

Commented [MOU2]: Hapus angka 5  
Cek yang serupa

Pasar modal efisien merupakan pasar yang harga sekuritasnya telah mencerminkan semua informasi yang relevan (Husnan, 2009). Pasar modal yang efisien dapat menjadi pasar yang bisa menyediakan jasa-jasa yang diperlukan oleh para investor dengan biaya yang minimal. Terdapat beberapa anomali yang telah diteliti terkait data-data di bursa saham pada harga saham historis yang memperlihatkan bahwa ada ketidak efisienan penyesuaian harga saham akibat adanya informasi tambahan yang terdapat dalam harga saham itu sendiri. Ada beberapa jenis anomali, yaitu anomaly terkait agama, seperti efek Natal dan Jumat Agung (Cadsby & Ratner, 1992), efek liburan minggu Paskah (Pantzalis & Ucar, 2014), dan efek Ramadhan (Bialkowski, Etebari, & Wisniewski, 2012). Pada efek Ramadhan, ditemukan pada anomaly kalender agama juga berdampak pada abnormal return selama Ramadhan. Faktor emosi dan mood investor sangat berperan penting dalam penilaian dan pengambilan keputusan (Bialkowski dkk, 2012). Pada factor psikologis, yaitu para investor membutuhkan dana yang cukup besar selama bulan Ramadhan terlebih saat menjelang Idul Fitri untuk memenuhi kebutuhan keagamaan. Faktor Kesehatan investor saat berpuasa di bulan Ramadhan berpengaruh terhadap Kesehatan fisik dan mentalnya (Saleh dkk, 2005), yang kemudian mempengaruhi penilaian terhadap harga saham di pasar (Rosen & Wu, 2004).

Dalam hal ini di Indonesia memiliki daftar saham syariah yang dipublikasikan dan dinamakan dengan Jakarta Islamic Index (JII). Masih sedikitnya penelitian yang menyoroti mengenai Ramadan anomaly Effect terhadap Jakarta Islamic Index

(JII). Jakarta Islamic Index (JII) adalah salah satu index syariah dari beberapa indeks dalam bursa saham Indonesia dan merupakan indeks syariah yang pertama kali diturunkan di pasar modal Indonesia pada tanggal 3 Juli 2000. Jumlah saham syariah terdaftar pada JII yaitu 30 dari yang tercatat di BEI. Aktivitas investasi merupakan kegiatan muamalah dalam Islam, hal ini dapat dikatakan seperti itu karena dengan berinvestasi harta yang dimiliki dapat mendatangkan manfaat bagi orang lain. Prinsip Syariah Islam pertama kali diterapkan di Cairo pada anomali perbankan dengan mendirikan bank Islam pada tahun 1971. Pada sector pasar modal, Jordan dan Pakistan merupakan negara yang pertama kali mengimplementasikan prinsip Syariah dan anomali dasar hukum penerbitan obligasi Syariah, dan pada negara Indonesia Jakarta Islamic Index (JII) merupakan indeks saham Syariah yang pertamakali diluncurkan di pasar modal Indonesia.

Masyarakat Indonesia memiliki sebuah kebiasaan dalam mempersiapkan hari-hari besar yang akan dilaksanakan, seperti halnya umat muslim mempersiapkan sedemikian rupa sandang dan pangan untuk menyambut hari raya Idul Fitri dalam Ramadhan. Semakin banyaknya keperluan yang akan dibeli masyarakat untuk memenuhi kebutuhan Idul Fitri maka permintaan dan penawaran pada pasar tempat perjualbelian juga meningkat dan dapat dikatakan pula bahwa Ramadhan juga dapat berpengaruh pada pasar modal perdagangan sekuritas.

Hartono (2013) menjelaskan salah satu pemikiran Jones, bahwa terdapat kondisi pergerakan harga sekuritas yang berlawanan dari biasanya. Kondisi ini dikatakan sebagai *market anomaly*. Peneliti menggunakan *return* saham sebagai

variabel dalam variabel penelitian untuk mengukur anomaly, sehingga pada penelitian kali ini mencoba untuk mengidentifikasi bulan suci Ramadhan terkait *return* saham di Jakarta Islamic Index (JII).

### **1.2 Rumusan Masalah Penelitian**

Apakah terdapat fenomena Ramadhan effect pada perbedaan rata-rata *return* saham pada saham-saham yang terdaftar dalam Jakarta Islamic Index (JII) saat bulan Ramadhan dibandingkan dengan bulan diluar Ramadhan?

### **1.3 Tujuan Penelitian**

Menguji apakah terdapat fenomena Ramadhan Effect yang terjadi dibulan Ramadhan yang dibandingkan dengan saat diluar Ramadhan pada saham-saham Jakarta Islamic Index (JII).

### **1.4 Kontribusi Penelitian**

#### **1. Kontribusi Teoritis**

Secara teoritis, penelitian ini akan menambah pengetahuan mengenai dampak bulan suci Ramadhan terhadap *return* saham pada saham-saham Jakarta Islamic Index (JII).

#### **2. Kontribusi Praktis**

Penelitian ini dapat berkontribusi praktis terhadap investor untuk mempertimbangkan terkait pengambilan keputusan investasi yang akan dilakukan pada saat bulan Ramadhan.

## **BAB II**

### **KAJIAN LITERATUR**

#### **2.1 Pasar Modal**

##### **2.1.1 Pengertian Pasar Modal**

Pasar modal merupakan sistem keuangan yang terorganisasi. Martalena dan Malinda (2011:2) mengungkapkan bahwa pasar modal merupakan sebuah pasar yang dapat memperjualbelikan ekuitas atau modal, obligasi atau surat hutang, reksadana atau pengumpulan dana, instrument derivative ataupun instrument lainnya. Selain itu, terdapat pengertian lainnya dari Sunariyah (2010) bahwa pasar modal adalah kumpulan dari bank komersial dan memiliki sistem keuangan yang teratur dan tersusun dari lembaga-lembaga yang menjadi perantara sebuah sistem keuangan dan berisikan instrumen yang beredar yang dapat diperjualbelikan.

Pada dasarnya pasar modal merupakan perdagangan yang berkaitan dengan Efek, sehingga pasar modal syariah juga dapat diartikan sebagai hal yang sama tetapi pasar modal syariah dalam proses dan kegiatan perdagangannya memakai atau memegang prinsip syariah dan juga diatur dalam Undang Undang Pasar Modal (UUPM). Menurut Nurhayati dan Wasilah (2015) pasar modal syariah adalah pasar modal yang melakukan kegiatan transaksi seperti memperjual belikan instrumen tetapi menggunakan

dan memegang prinsip syariah yaitu terdapat beberapa hal yang tidak boleh dilakukan seperti pasar modal konvensional seperti melakukan kegiatan judi, mengambil riba, dan larangan lainnya. M. Metwally menguraikan beberapa fungsi dari pasar modal syariah sebagai berikut :

- a. Masyarakat dapat mengikuti aktivitas atau kegiatan dalam berbisnis dengan perolehan keuntungan dan resiko.
- b. Para investor dapat menjual kembali sahamnya dengan tujuan untuk mendapatkan likuiditas.
- c. Perusahaan dapat memperluas unit produksi dengan cara meningkatkan modal yang dimiliki.
- d. Investasi dapat ditentukan oleh kinerja bisnis dan dapat dilihat dari harga saham itu sendiri.

Dari penjelasan uraian mengenai pengertian pasar modal di atas dapat disimpulkan bahwa pasar modal merupakan sebuah ranah atau tempat bertemunya investor dan perusahaan yang terdaftar, yang dimana perusahaan selaku penjual yang menjualkan berbagai bentuk sekuritas seperti saham atau obligasi, sedangkan investor sebagai pembeli yang membeli bentuk sekuritas yang sudah dipilih sesuai keinginan dan keputusan para investor.

### **2.1.2 Instrumen Pasar Modal**

Instrumen yang diperdagangkan dalam pasar modal terdiri dari

saham biasa (*common stocks*) dan saham preferen (*preferred stocks*) menurut Halim (2018:7-8) dan dapat diuraikan sebagai berikut :

a. Saham biasa

Saham biasa merupakan saham yang dapat dikategorikan sebagai saham yang sering diperjualbelikan oleh perusahaan kepada masyarakat. Perusahaan atau emiten banyak menggunakan saham biasa untuk dijual guna mendapatkan dana dari masyarakat.

b. Saham preferen

Saham preferen merupakan saham yang berisikan penggabungan sebuah obligasi dan saham biasa. Tidak jauh berbeda dengan saham biasa, saham preferen memiliki beberapa kesamaan dengan saham biasa, yaitu saham atas kepemilikan sebuah ekuitas dan penerbitan ditulis tanpa adanya tanggal jatuh tempo diatas lembar saham itu sendiri.

## 2.2 Pasar Modal Efisien

### 2.2.1 Pengertian Pasar Modal Efisien

Pasar modal efisien merupakan kondisi dari pasar modal saat harga-harga saham dari perdagangan pasar modal mencerminkan suatu informasi yang tersedia dan relevan. Pasar modal efisien berkaitan dengan harga suatu saham. Hartono (2014) mengungkapkan terkait pasar modal efisien terjadi saat pasar memberikan respon yang cepat dan memiliki tingkat kesesuaian yang tinggi untuk mendapatkan harga keseimbangan yang baru dan dapat mencerminkan informasi yang ada. Selain itu, menurutnya pasar modal

Commented [MOU3]: Pasar Modal Efisien

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efisien terbentuk karena adanya informasi dan pengambilan keputusan yang canggih dari pelaku pasar, pelaku pasar yang tidak canggih serta tidak dapat menangkap sinyal yang valid (dapat memberikan prospek yang baik bagi investor) dan terpercaya akan dengan mudah dibodohi oleh emiten. Pasar modal efisien juga merupakan pasar dimana harga sekuritas mencerminkan informasi yang ada dan tidak ada alasan bagi investor untuk berfikir bahwa harga sekuritas saat ini terlalu tinggi atau rendah (Ross, Westerfield, & Jordan, 2006).

#### **2.2.2 Bentuk Pasar Modal Efisien**

Pasar modal efisien memiliki beberapa bentuk utama, Fama (1970) menjelaskan tiga macam bentuk utama sebagai berikut :

a. Efisiensi pasar bentuk lemah

Efisiensi pasar bentuk lemah terjadi jika harga yang dipublikasikan sekuritas dapat melukiskan informasi yang ada pada masa lampau.

b. Efisiensi pasar bentuk setengah kuat (*semistrong form*)

Efisiensi pasar setengah kuat terjadi jika harga yang dipublikasikan sekuritas benar-benar mencerminkan segala informasi yang telah disebarkan. Informasi tersebut merupakan informasi pada laporan keuangan perusahaan.

c. Efisiensi pasar bentuk kuat (*strong form*)



Efisiensi pasar bentuk kuat terjadi saat harga yang dipublikasikan sekuritas benar-benar memperlihatkan semua informasi yang ada. Informasi tersebut termasuk informasi private.

## 2.3 Anomali Pasar Modal

### 2.3.1 Pengertian Anomali Pasar Modal

Anomali pasar modal merupakan hal yang bertolak belakang dengan pasar modal efisien. Ketika pasar modal efisien merupakan kondisi harga saham mencerminkan suatu informasi yang tersedia, anomali pasar modal merupakan konsep yang berlawanan dari pasar modal efisien tersebut. Jones (1998) mengatakan bahwa anomaly pasar modal merupakan tehnik-tehnik atau strategi-strategi yang berlawanan dengan konsep pasar modal yang efisien. Banyak penelitian yang menemukan bahwa adanya anomali pasar modal yang terjadi karena tidak sejalan dengan konsep pasar modal efisien.

### 2.3.2 Jenis-Jenis Anomali Pasar Modal

Terdapat banyak macam anomali pasar modal, salah satunya dapat diuraikan oleh Altez (2007), yaitu anomali perusahaan, anomali musiman, kait anomali kejadian atau peristiwa, dan anomali akuntansi. Penjelasan terkait empat anomali tersebut dijelaskan lebih lanjut oleh Levi (1996) dalam Imandani (2008).

Terdapat beberapa jenis khusus dalam anomali perusahaan, yaitu (1) *Size*, anomali terjadi saat *return* pada perusahaan kecil cenderung lebih besar walaupun sudah disesuaikan dengan resiko. (2) *Neglect*, anomali terjadi jika

Commented [MOU4]: Anomali Pasar Modal

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Tambahkan anomaly yang lain: size effect PER effect january effect

perusahaan yang tidak diikuti oleh banyak analis cenderung menghasilkan *return* lebih tinggi. (3) *Institution Holding*, perusahaan yang dimiliki oleh sedikit institusi cenderung memiliki *return* lebih tinggi.

Jenis khusus yang terdapat dalam anomali musiman, yaitu (1) *January Effect*, yang dimana terjadi saat harga sekuritas cenderung naik di bulan Januari, khususnya hari-hari pertama. (2) *Weekend effect*, terjadi saat harga sekuritas cenderung naik hari Jum'at dan turun hari Senin. (3) *End of Month Effect*, anomali yang terjadi saat harga sekuritas cenderung naik di hari-hari akhir tiap bulan. (4) *Day of The Week*, anomali terjadi disaat *return* sekuritas terendah terjadi di hari Senin.

Selain itu, ada beberapa jenis khusus dalam anomali peristiwa, yaitu (1) *Analysis Recommendation*, terjadi dimana semakin banyak analis merekomendasikan untuk membeli suatu saham semakin tinggi pula peluang harga akan turun. (2) *Listings*, anomali terjadi saat harga sekuritas cenderung naik setelah perusahaan mengumumkan akan melakukan pencatatan saham dibursa. (3) *Insider trading*, anomali terjadi saat semakin banyaknya saham yang dibeli oleh *insiders*, maka semakin tinggi kemungkinan harga akan naik.

Beberapa jenis khusus dalam anomali akuntansi, yaitu (1) *Price Earning Ratio (PER)*, terjadi saat saham dengan *price earning ratio* rendah cenderung memiliki *return* yang lebih tinggi. (2) *Dividend Yield*, anomali terjadi jika jika *yield* lebih tinggi cenderung berkinerja lebih baik. (3) *Earning*

*Momentum*, anomali terjadi saat saham perusahaan yang tingkat pertumbuhan *earnings* meningkat cenderung berkinerja lebih baik.

### 2.3.3 Ramadhan Effect

*Ramadhan effect* menurut Akrami et al. (2012) merupakan sebuah anomali musiman yang terjadi jika terdapat perbedaan rata-rata return pada bulan suci Ramadhan dibandingkan dengan bulan diluar bulan suci Ramadhan. Perbedaan yang terjadi yaitu dengan adanya rata-rata return yang lebih tinggi saat bulan suci Ramadhan.

Penelitian terdahulu terkait EMH anomaly, terdapat bukti yang mendukung dan menentang adanya efek Ramadhan. Suatu penelitian Bialkowski dkk (2012) menggunakan pengambilan sampel tujuh bulan, pengembalian kumulatif abnormal dan menemukan bahwa pengembalian saham selama Ramadhan lebih tinggi daripada dalam 11 bulan lainnya di 11 negara Muslim (dari total sampel 14 negara Muslim). Dari studi tersebut mereka berpendapat bahwa efek Ramadhan murni disebabkan oleh psikologi investor.

Penelitian kali ini meneliti fenomena *Ramadhan Effect* pada saham di Bursa Efek Indonesia dengan melihat perbedaan *return* dalam 1 bulan penuh saat bulan Ramadhan dibandingkan dengan bulan-bulan lainnya atau diluar bulan Ramadhan. Hal ini berbeda dengan Idul Fitri *Effect* karena Idul Fitri *Effect* merupakan efek anomali yang fokus melihat tindakan dari para pelaku pasar yang menjual sahamnya sebelum datangnya hari libur Idul Fitri dan

Commented [MOU6]: Et al. tidak didalam tahun

Jelaskan logika...mengapa Ramadhan bukan idul fitri?  
Apakah sama atau beda keduanya

membeli saham kembali setelah libur Idul Fitri usai. Pada Idul Fitri *Effect* dapat membandingkan rata-rata *return* harian saat libur Idul Fitri dengan rata-rata *return* hari perdagangan lainnya yang termasuk indikasi *non holiday*, berbeda dengan *Ramadhan Effect* yang meneliti satu bulan penuh saat Ramadhan dibandingkan bulan lainnya diluar bulan Ramadhan.

#### 2.4 Pengembangan Hipotesis

Penelitian kali ini meneliti terkait adakah fenomena *Ramadhan Effect* yang terjadi disetiap tahun pengamatan dengan melihat perbedaan rata-rata *return* dalam satu bulan Ramadhan yang dibandingkan dengan bulan lainnya yang tidak termasuk bulan Ramadhan. Pada awal bulan Ramadhan biasanya terjadi permintaan yang tinggi dalam perjualbelian saham di Bursa Efek Indonesia. Bialkowski (2012) meneliti pada 14 negara muslim terkait *Ramadhan Effect*. Dalam penelitiannya menunjukkan hasil bahwa 11 dari 14 negara muslim menunjukkan adanya rata-rata *return* yang tinggi disaat bulan Ramadhan dibandingkan 11 bulan lainnya yang diteliti. Maka dari itu, penelitian kali ini ingin melihat apakah disaat bulan Ramadhan pada saham-saham Jakarta Islamic Index terdapat perbedaan rata-rata *return* dibandingkan dengan rata-rata *return* diluar bulan Ramadhan.

Merujuk pada rumusan masalah dan kajian literatur yang dijelaskan diatas, maka peneliti mengajukan hipotesis penelitian terkait *Ramadhan Effect* pada rata-rata *return* saham yang terdaftar dalam Jakarta Islamic Index (JII) sebagai berikut,

**Commented [MOU7]:** Hipoteis harus diawali dengan logika...teori...hasil penelitian sebelumnya baru pernyataan hipotesis

Yg ditulis hanya H1 saja

Ha : Terdapat fenomena Ramadhan effect di saham-saham Jakarta Islamic

Index BEI



### BAB III

#### METODE PENELITIAN

##### 3.1 Populasi dan Sampel

Populasi yang diambil pada penelitian kali ini adalah perusahaan atau emiten yang terdaftar dalam Indeks Saham Syariah Indonesia (ISSI) dan pemilihan sampel pada penelitian kali ini adalah *Jakarta Islamic Index (JII)* dalam rentang tahun 2016 sampai 2020. Teknik sampling yang digunakan yaitu purposive sampling dengan menggunakan pengambilan sampel yang disesuaikan dengan kebutuhan penelitian dengan menetapkan kriteria-kriteria khusus yang dianggap representative. Penelitian ini menguji teori dan menggunakan strategi *archival research* dengan menggunakan data-data sekunder.

**Tabel 3.1**  
**Daftar perusahaan yang masuk dalam kriteria sampel**

Commented [MOU8]: dihapus  
cukup sampelnya adalah JII 2016-2020

No	Kode Emiten	No	Kode Emiten	No	Kode Emiten
1	ADRO	11	UNTR	21	CTRA
2	AKRA	12	UNVR	22	EXCL
3	ASII	13	WIKA	23	JSMR
4	ICBP	14	BSDE	24	LPKR
5	INCO	15	INTP	25	PWON
6	INDF	16	LPPF	26	SMRA
7	KLBF	17	PGAS	27	WSKT
8	PTBA	18	PTPP	28	TPIA
9	SMGR	19	SCMA	29	BRPT
10	TLKM	20	ANTM		

### 3.2 Definisi Operasional Variabel Penelitian

#### 3.2.1 Variabel Dependen

Variabel dependen / variabel terikat pada penelitian kali ini yaitu *return* saham. Pengukuran *retrun* saham yaitu dengan menghitung *actual return*. Rumus dalam perhitungan *return* saham adalah

**Commented [MOU9]:** Definisi operasional variable penelitian

Tiuliskan ramadhan 2016: tgl ....sd ...  
2017 tgl; ....sd ....  
2018 dst

Returnnya berspa lama...harian...mimngguan..bulanan?

$$Return = \frac{P_t - P_{t-1}}{P_{t-1}}$$

Keterangan :

$P_t$  = Harga saham periode t

$P_{t-1}$  = Harga saham periode t-1

### 3.2.2 Variabel Independen

Variabel independent / bebas pada penelitian kali ini adalah *Ramadhan effect*. Pengukuran *Ramadhan effect* yaitu dengan menghitung aktual *return* pada bulan Ramadhan dan diluar bulan Ramadhan. Tanggal-tanggal bulan Ramadhan pada tahun 2016 sampai tahun 2020, yaitu :

- Ramadhan 2016 : tanggal 6 Juni 2016 s/d tanggal 6 Juli 2016
- Ramadhan 2017 : tanggal 26 Mei 2017 s/d tanggal 24 Juni 2017
- Ramadhan 2018 : tanggal 16 Mei 2018 s/d tanggal 14 Juni 2018
- Ramadhan 2019 : tanggal 5 Mei 2019 s/d tanggal 3 Juni 2019
- Ramadhan 2020 : tanggal 23 April s/d tanggal 23 Mei 2020

Rumus dalam perhitungan *Ramadhan effect* dengan menggunakan *return* bulanan adalah

$$Return \text{ bulan Ramadhan} = \frac{P_{\text{bulan Ramadhan}} - P_{\text{bulan Ramadhan-1}}}{P_{\text{bulan Ramadhan-1}}}$$

Keterangan :

$P_{\text{bulan Ramadhan}}$  : Harga saham pada bulan Ramadhan



$P_{\text{bulan Ramadhan-1}}$  : Harga saham sebelum bulan Ramadhan

$$\text{Return bulan non Ramadhan} = \frac{P_{\text{bulan non Ramadhan}} - P_{\text{bulan non Ramadhan-1}}}{P_{\text{bulan non Ramadhan-1}}}$$

Keterangan :

$P_{\text{bulan non Ramadhan}}$  : Harga saham pada bulan non Ramadhan

$P_{\text{bulan non Ramadhan-1}}$  : Harga saham sebelum bulan non Ramadhan

### 3.3 Pengujian Hipotesis

Pengujian hipotesis dilakukan untuk melihat apakah terdapat perbedaan yang signifikan pada rata-rata *return* bulan Ramadhan dibandingkan dengan rata-rata *return* bulan Non Ramadhan. Bulan Non Ramadhan yang digunakan yaitu bulan-bulan Masehi dari Bulan Januari sampai dengan Bulan Desember. Bulan Non Ramadhan dihitung dengan menghitung *retrun* setiap bulannya selama satu bulan penuh.

Diperlukan beberapa langkah dalam mengujinya, yaitu dengan langkah pertama menggunakan analisis statistik deskriptif. Analisis statistik deskriptif akan menghasilkan keseluruhan data yang dikumpulkan terkait penjelasan rata-rata, standar deviasi, maksimum, minimum, jumlah, dan varian. Setelah menganalisis dengan analisis statistik deskriptif, lalu dilakukan uji normalitas menggunakan Uji *Kolmogorov Smirnof* *Godnes of Fit Test*. Uji ini dilakukan untuk mengetahui apakah data terdistribusi normal atau tidak terdistribusi normal. Jika probalitas nilai

Commented [MOU10]: Ganti: Pengujian Hipotesis

Jelaskan Langkah2 mengujinya...hipotesis terbukti jika bagaimana

Bulan non Ramadlon menghitungnya bgm?

Jika bulan...pakai bulan hijriah atau masehi?

$> \alpha$  (dengan tingkat signifikansi 5%) maka data tersebut terdistribusi normal, namun jika probabilitas nilai  $< \alpha$  (dengan tingkat signifikansi 5%) maka data tersebut tidak terdistribusi normal. Selanjutnya dilakukan pengujian hipotesis, jika data tersebut terdistribusi normal maka menggunakan alat uji hipotesis *Independent Sample T-Test* dengan penerimaan jika nilai Sig. (2-tailed)  $< 0,05$  maka terdapat perbedaan yang signifikan antara bulan Ramadhan dan bulan Non Ramadhan sedangkan jika nilai Sig. (2-tailed)  $> 0,05$  maka tidak terdapat perbedaan yang signifikan antara bulan Ramadhan dan bulan Non Ramadhan, tetapi jika data tidak terdistribusi normal maka dilanjutkan dengan menggunakan alat uji hipotesis *Mann-Whitney test* dengan penerimaan nilai Asymp.Sig.  $< 0,05$  maka terdapat perbedaan yang signifikan antara bulan Ramadhan dan bulan Non Ramadhan sedangkan jika nilai Asymp.Sig.  $> 0,05$  maka tidak terdapat perbedaan yang signifikan antara bulan Ramadhan dan bulan Non Ramadhan.

Hipotesis terbukti jika  $\mu_{\text{bulan Ramadhan}} \neq \mu_{\text{bulan non Ramadhan}} \neq 0$ , dapat diartikan bahwa ada perbedaan yang signifikan pada rata-rata *return* saat bulan Ramadhan dengan bulan non Ramadhan, maka terdapat fenomena Ramadhan *Effect* di saham-saham Jakarta Islamic Index BEI.

## BAB IV

### ANALISIS DATA DAN PEMBAHASAN

#### 4.1 Analisis Deskriptif

Analisis deskriptif adalah analisis yang berisikan mengenai data rata-rata, nilai minimum, nilai maksimum, dan standar deviasi agar seluruh data sampel dapat dipahami dan diringkas dengan baik. Data yang diolah menggunakan analisis deskriptif saat ini merupakan data hasil *return* harian pada saat bulan suci Ramadhan dan satu bulan sebelum bulan suci Ramadhan pada perusahaan yang terdaftar di Jakarta Islamic Index (JII).

**Tabel 4.1**  
**Rata-rata *return* saham harian**

Analisis Statistik Deskriptif						
	N	Minimum	Maximum	Sum	Mean	Std. Deviation
Ramadhan	145	-0.19261	0.45304	3.1562	0.0217669	0.09031827
Januari	145	-0.28641	0.63077	5.09736	0.0351542	0.14140923
Februari	145	-0.24706	0.56972	-1.57284	-0.010847	0.1006501
Maret	145	-0.56796	0.29464	-8.9123	-0.061464	0.15946409
April	145	-0.14085	0.94631	6.35155	0.0438038	0.14668735
Mei	145	-0.22727	0.32133	-0.3901	-0.00269	0.09951873
Juni	145	-0.22674	0.28249	2.75295	0.0189858	0.09270753
Juli	145	-0.24031	0.41047	4.57061	0.0315215	0.10801641
Agustus	145	-0.21978	0.78689	2.96866	0.0204735	0.13133969
September	145	-0.28016	0.27778	-4.83987	-0.033378	0.08859305
Oktober	145	-0.29197	0.45641	2.01648	0.0139068	0.11887925
November	145	-0.21884	1.60714	6.67114	0.0460079	0.2104846
Desember	145	-0.18732	0.67532	5.13249	0.0353965	0.10507734

Sumber : Data diolah tahun 2021

Dari hasil tabel diatas, dapat dilihat bahwa nilai rata-rata paling tinggi yaitu terdapat dibulan November dengan nilai 0,0460079 sedangkan rata-rata paling rendah yaitu terdapat dibulan Maret dengan nilai -0,061464, sama halnya dengan nilai *summary* atau nilai jumlah yang paling tinggi yaitu berada dibulan November dengan nilai 6,67114 dan nilai *summary* yang paling rendah berada dibulan Maret -8,9123. Dari periode Ramadhan dan Non Ramadhan (bulan-bulan masehi) terdapat nilai minimum yang juga berada dibulan Maret dengan nilai -0,56796 sedangkan nilai maximum berada dibulan November dengan nilai 1,60714.

#### 4.2 Uji Normalitas

Uji normalitas adalah salah satu uji asumsi klasik yang dilakukan untuk mengetahui apakah sebaran data pada kelompok data yang ada tersebut berdistribusi normal atau tidak berdistribusi normal. Pada penelitian saat ini alat analisis uji normalitas yang digunakan yaitu uji *Kolmogorov-Smirnov*. Dengan menggunakan uji *Kolmogorov-Smirnov*, data yang terdistribusi normal memiliki nilai  $sig > 0,05$  dan data yang tidak terdistribusi normal memiliki nilai  $sig < 0,05$ . Pengujian ini dilakukan sebagai syarat untuk melakukan uji *Independent Sample t-test* jika nilai terdistribusi normal dan sebagai syarat untuk melakukan uji *Mann-Whitney Test* apabila nilai tidak terdistribusi normal.

Uji normalitas pada penelitian kali ini dilakukan dengan menggunakan alat uji *Kolmogorov-Smirnov* untuk menguji apakah data terdistirbusi normal atau tidak terdistribusi normal. Uji normalitas dilakukan menggunakan data sampel *return*

pada bulan Ramadhan dan bulan Non Ramadhan (Januari – Desember) selama 5 tahun yaitu pada tahun 2016 sampai dengan 2020.

**Tabel 4.2**  
**Uji Kolmogrov-Smirnov**

Uji Normalitas						
One-Sample Kolmogorov-Smirnov Test						
Keterangan	Ramadhan - Januari	Ramadhan - Februari	Ramadhan - Maret	Ramadhan - April	Ramadhan - Mei	Ramadhan - Juni
Test Statistic	0,094	0,079	0,134	0,146	0,084	0,060
Asymp. Sig	0,003	0,029	0,000	0,000	0,014	0,200

Uji Normalitas						
One-Sample Kolmogorov-Smirnov Test						
Keterangan	Ramadhan - Juli	Ramadhan - Agustus	Ramadhan - September	Ramadhan - Oktober	Ramadhan - November	Ramadhan - Desember
Test Statistic	0,092	0,115	0,071	0,114	0,147	0,102
Asymp. Sig	0,004	0,000	0,073	0,000	0,000	0,001

Uji normalitas yang pertama dilakukan yaitu menguji data *return* bulan Ramadhan dengan *return* bulan Januari. Hasil uji ditemukan bahwa data tersebut tidak terdistribusi normal. Dapat dilihat pada tabel 4.2 bahwa nilai Asymp. Sig (2-Tailed) sebesar  $0,003 < \text{taraf signifikan } 0,05 \text{ (5\%)}$ . Sehingga, untuk uji beda hipotesis bulan Ramadhan dan Januari menggunakan alat uji hipotesis *Mann-Whitney*.

Selanjutnya, uji normalitas yang kedua yaitu menguji data *return* bulan Ramadhan dengan *return* bulan Februari. Hasil uji ditemukan bahwa data tersebut tidak terdistribusi normal. Dapat dilihat pada tabel 4.2 bahwa nilai Asymp. Sig (2-

Tailed) sebesar  $0,029 < \text{taraf signifikan } 0,05 (5\%)$ . Sehingga, untuk uji beda hipotesis bulan Ramadhan dan Februari menggunakan alat uji hipotesis *Mann-Whitney*.

Selanjutnya, uji normalitas yang ketiga yaitu menguji data *return* bulan Ramadhan dengan *return* bulan Maret. Hasil uji ditemukan bahwa data tersebut tidak terdistribusi normal. Dapat dilihat pada tabel 4.2 bahwa nilai Asymp. Sig (2-Tailed) sebesar  $0,000 < \text{taraf signifikan } 0,05 (5\%)$ . Sehingga, untuk uji beda hipotesis bulan Ramadhan dan Maret menggunakan alat uji hipotesis *Mann-Whitney*.

Selanjutnya, uji normalitas yang keempat yaitu menguji data *return* bulan Ramadhan dengan *return* bulan April. Hasil uji ditemukan bahwa data tersebut tidak terdistribusi normal. Dapat dilihat pada tabel 4.2 bahwa nilai Asymp. Sig (2-Tailed) sebesar  $0,000 < \text{taraf signifikan } 0,05 (5\%)$ . Sehingga, untuk uji beda hipotesis bulan Ramadhan dan April menggunakan alat uji hipotesis *Mann-Whitney*.

Selanjutnya, uji normalitas yang kelima yaitu menguji data *return* bulan Ramadhan dengan *return* bulan Mei. Hasil uji ditemukan bahwa data tersebut tidak terdistribusi normal. Dapat dilihat pada tabel 4.2 bahwa nilai Asymp. Sig (2-Tailed) sebesar  $0,014 < \text{taraf signifikan } 0,05 (5\%)$ . Sehingga, untuk uji beda hipotesis bulan Ramadhan dan Mei menggunakan alat uji hipotesis *Mann-Whitney*.

Selanjutnya, uji normalitas yang keenam yaitu menguji data *return* bulan Ramadhan dengan *return* bulan Juni. Hasil uji ditemukan bahwa data tersebut

terdistribusi normal. Dapat dilihat pada tabel 4.2 bahwa nilai Asymp. Sig (2-Tailed) sebesar  $0,200 >$  taraf signifikan  $0,05$  (5%). Sehingga, untuk uji beda hipotesis bulan Ramadhan dan Juni menggunakan alat uji hipotesis *Independent Sample T-test*.

Selanjutnya, uji normalitas yang ketujuh yaitu menguji data *return* bulan Ramadhan dengan *return* bulan Juli. Hasil uji ditemukan bahwa data tersebut tidak terdistribusi normal. Dapat dilihat pada tabel 4.2 bahwa nilai Asymp. Sig (2-Tailed) sebesar  $0,004 <$  taraf signifikan  $0,05$  (5%). Sehingga, untuk uji beda hipotesis bulan Ramadhan dan Juli menggunakan alat uji hipotesis *Mann-Whitney*.

Selanjutnya, uji normalitas yang kedelapan yaitu menguji data *return* bulan Ramadhan dengan *return* bulan Agustus. Hasil uji ditemukan bahwa data tersebut tidak terdistribusi normal. Dapat dilihat pada tabel 4.2 bahwa nilai Asymp. Sig (2-Tailed) sebesar  $0,000 <$  taraf signifikan  $0,05$  (5%). Sehingga, untuk uji beda hipotesis bulan Ramadhan dan Agustus menggunakan alat uji hipotesis *Mann-Whitney*.

Selanjutnya, uji normalitas yang kesembilan yaitu menguji data *return* bulan Ramadhan dengan *return* bulan September. Hasil uji ditemukan bahwa data tersebut terdistribusi normal. Dapat dilihat pada tabel 4.2 bahwa nilai Asymp. Sig (2-Tailed) sebesar  $0,073 >$  taraf signifikan  $0,05$  (5%). Sehingga, untuk uji beda hipotesis bulan Ramadhan dan September menggunakan alat uji hipotesis *Independent Sample T-test*.

Selanjutnya, uji normalitas yang kesepuluh yaitu menguji data *return* bulan Ramadhan dengan *return* bulan Oktober. Hasil uji ditemukan bahwa data tersebut

tidak terdistribusi normal. Dapat dilihat pada tabel 4.2 bahwa nilai Asymp. Sig (2-Tailed) sebesar  $0,000 < \text{taraf signifikan } 0,05 (5\%)$ . Sehingga, untuk uji beda hipotesis bulan Ramadhan dan Oktober menggunakan alat uji hipotesis *Mann-Whitney*.

Selanjutnya, uji normalitas yang kesebelas yaitu menguji data *return* bulan Ramadhan dengan *return* bulan November. Hasil uji ditemukan bahwa data tersebut tidak terdistribusi normal. Dapat dilihat pada tabel 4.2 bahwa nilai Asymp. Sig (2-Tailed) sebesar  $0,000 < \text{taraf signifikan } 0,05 (5\%)$ . Sehingga, untuk uji beda hipotesis bulan Ramadhan dan November menggunakan alat uji hipotesis *Mann-Whitney*.

Pengujian yang terakhir dilakukan yaitu menguji data *return* bulan Ramadhan dengan *return* bulan Desember. Hasil uji ditemukan bahwa data tersebut tidak terdistribusi normal. Dapat dilihat pada tabel 4.2 bahwa nilai Asymp. Sig (2-Tailed) sebesar  $0,001 < \text{taraf signifikan } 0,05 (5\%)$ . Sehingga, untuk uji beda hipotesis bulan Ramadhan dan Desember menggunakan alat uji hipotesis *Mann-Whitney*.

#### 4.3 Hasil Pengujian Hipotesis

Pengujian hipotesis merupakan pengujian dari suatu pernyataan dengan menggunakan metode statistik untuk melihat apakah hasil uji menerima atau menolak hipotesis yang ada. Pada penelitian kali ini, pengujian hipotesis dilakukan untuk melihat apakah terdapat fenomena *Ramadhan Effect* pada *return* perusahaan yang terdaftar pada Jakarta Islamic Index (JII) pada tahun 2016 sampai tahun 2020. Pengujian saat ini dilakukan menggunakan uji *Independent Sample T-test* dan

Commented [MOU11]: Hasil Pengujian Hipotesis

Mestinya dibandingkan satu2



*Mann-Whitney Test*. Uji *Independent Sample T-test* digunakan untuk melihat apakah terdapat perbedaan yang signifikan antara 2 kelompok data yang terdistribusi normal, sedangkan uji *Mann-Whitney Test* dilakukan untuk melihat apakah terdapat perbedaan yang signifikan antara 2 kelompok data yang terdistribusi tidak normal. Keputusan yang diambil dalam uji *Independent Sample T-test* yaitu jika nilai Sig. (2-tailed) < 0,05, maka terdapat perbedaan yang signifikan antara *return* Ramadhan dengan Non Ramadhan, sedangkan jika nilai Sig. (2-tailed) > 0,05 maka tidak terdapat perbedaan yang signifikan antara *return* Ramadhan dengan Non Ramadhan. Keputusan yang diambil dalam uji *Mann-Whitney test*, yaitu dengan penerimaan nilai *Asymp.Sig.* < 0,05 maka terdapat perbedaan yang signifikan antara bulan Ramadhan dan bulan Non Ramadhan sedangkan jika nilai *Asymp.Sig.* > 0,05 maka tidak terdapat perbedaan yang signifikan antara bulan Ramadhan dan bulan Non Ramadhan.

Uji hipotesis dilakukan untuk melihat apakah terdapat fenomena Ramadhan Effect pada bulan Ramadhan dan bulan Non Ramadhan (Januari - Desember) dalam JII tahun 2016 sampai 2020.

**Tabel 4.3**  
**Uji hipotesis**

Keterangan	Ramadhan - Januari	Ramadhan - Februari	Ramadhan - Maret	Ramadhan - April	Ramadhan - Mei	Ramadhan - Juni
Asymp. Sig. (2-tailed)	0,829	0,002	0,000	0,829	0,013	0,796
Z	-0,216	-3,165	-4,619	-0,216	-2,473	
t						0,259

Keterangan	Ramadhan - Juli	Ramadhan - Agustus	Ramadhan - September	Ramadhan - Oktober	Ramadhan - November	Ramadhan - Desember
Asymp. Sig. (2-tailed)	0,426	0,350	0,000	0,153	0,252	0,319
Z	-0,796	-0,935		-1,428	-1,145	-0,996
t			5,249			

Setelah melewati uji normalitas dapat dilihat bahwa data *return* bulan Ramadhan dengan data *return* bulan Januari tidak terdistribusi normal, sehingga alat uji hipotesis yang digunakan yaitu Uji *Mann-Whitney Test*. Berdasarkan hasil pengujian pada tabel diatas dengan menggunakan sampel *return* di bulan Ramadhan dan *return* di bulan Januari selama 5 tahun (2016-2020), dapat kita lihat bahwa nilai Asymp. Sig. (2-tailed) sebesar  $0,829 > 0,05$  (nilai signifikan 5%), maka dapat diartikan bahwa tidak terdapat perbedaan yang signifikan antara *return* bulan Ramadhan dengan *return* bulan Januari. Dapat disimpulkan bahwa tidak terdapat fenomena Ramadhan Effect pada *return* dibulan Ramadhan dengan *return* dibulan Non Ramadhan (Januari) pada perusahaan yang terdaftar di Jakarta Islamic Index (JII) pada tahun 2016 sampai dengan tahun 2020.

Selanjutnya, uji hipotesis yang kedua yaitu menguji data *retrun* bulan Ramadhan dengan *return* bulan Februari. Setelah melewati uji normalitas dapat dilihat bahwa data *return* bulan Ramadhan dengan data *return* bulan Februari dapat dilihat bahwa data tidak terdistribusi normal, sehingga alat uji hipotesis yang digunakan yaitu Uji *Mann-Whitney Test*. Berdasarkan hasil pengujian pada tabel 4.3 dengan menggunakan sampel *return* dibulan Ramadhan dan *return* dibulan

Februari selama 5 tahun (2016-2020), dapat kita lihat bahwa nilai Asymp. Sig. (2-tailed) sebesar  $0,002 < 0,05$  (nilai signifikan 5%), maka dapat diartikan bahwa terdapat perbedaan yang signifikan antara *return* bulan Ramadhan dengan *return* bulan Februari. Dapat disimpulkan bahwa terdapat fenomena Ramadhan Effect pada *return* dibulan Ramadhan dengan *return* dibulan Non Ramadhan (Februari) pada perusahaan yang terdaftar di Jakarta Islamic Index (JII) pada tahun 2016 sampai dengan tahun 2020.

Selanjutnya, uji hipotesis yang ketiga yaitu menguji data *retrun* bulan Ramadhan dengan *return* bulan Maret. Setelah melewati uji normalitas dapat dilihat bahwa data *return* bulan Ramadhan dengan data *return* bulan Maret tidak terdistribusi normal, sehingga alat uji hipotesis yang digunakan yaitu Uji *Mann-Whitney Test*. Berdasarkan hasil pengujian pada tabel 4.3 dengan menggunakan sampel *return* dibulan Ramadhan dan *return* dibulan Maret selama 5 tahun (2016-2020), dapat kita lihat bahwa nilai Asymp. Sig. (2-tailed) sebesar  $0,000 < 0,05$  (nilai signifikan 5%), maka dapat diartikan bahwa terdapat perbedaan yang signifikan antara *return* bulan Ramadhan dengan *return* bulan Maret. Dapat disimpulkan bahwa terdapat fenomena Ramadhan Effect pada *return* dibulan Ramadhan dengan *return* dibulan Non Ramadhan (Maret) pada perusahaan yang terdaftar di Jakarta Islamic Index (JII) pada tahun 2016 sampai dengan tahun 2020.

Selanjutnya, uji hipotesis yang keempat yaitu menguji data *retrun* bulan Ramadhan dengan *return* bulan April. Setelah melewati uji normalitas dapat dilihat bahwa data *return* bulan Ramadhan dengan data *return* bulan April tidak

terdistribusi normal, sehingga alat uji hipotesis yang digunakan yaitu Uji *Mann-Whitney Test*. Berdasarkan hasil pengujian pada tabel 4.3 dengan menggunakan sampel *return* dibulan Ramadhan dan *return* dibulan April selama 5 tahun (2016-2020), dapat kita lihat bahwa nilai Asymp. Sig. (2-tailed) sebesar  $0,829 > 0,05$  (nilai signifikan 5%), maka dapat diartikan bahwa tidak terdapat perbedaan yang signifikan antara *return* bulan Ramadhan dengan *return* bulan April. Dapat disimpulkan bahwa tidak terdapat fenomena Ramadhan Effect pada *return* dibulan Ramadhan dengan *return* dibulan Non Ramadhan (April) pada perusahaan yang terdaftar di Jakarta Islamic Index (JII) pada tahun 2016 sampai dengan tahun 2020.

Selanjutnya, uji hipotesis yang kelima yaitu menguji data *retrun* bulan Ramadhan dengan *return* bulan Mei. Setelah melewati uji normalitas dapat dilihat bahwa data *return* bulan Ramadhan dengan data *return* bulan Mei tidak terdistribusi normal, sehingga alat uji hipotesis yang digunakan yaitu Uji *Mann-Whitney Test*. Berdasarkan hasil pengujian pada tabel 4.3 dengan menggunakan sampel *return* dibulan Ramadhan dan *return* dibulan Mei selama 5 tahun (2016-2020), dapat kita lihat bahwa nilai Asymp. Sig. (2-tailed) sebesar  $0,013 < 0,05$  (nilai signifikan 5%), maka dapat diartikan bahwa terdapat perbedaan yang signifikan antara *return* bulan Ramadhan dengan *return* bulan Mei. Dapat disimpulkan bahwa terdapat fenomena Ramadhan Effect pada *return* dibulan Ramadhan dengan *return* dibulan Non Ramadhan (Mei) pada perusahaan yang terdaftar di Jakarta Islamic Index (JII) pada tahun 2016 sampai dengan tahun 2020.

Selanjutnya, uji hipotesis yang keenam yaitu menguji data *retrun* bulan Ramadhan dengan *return* bulan Juni. Setelah melewati uji normalitas dapat dilihat bahwa data *return* bulan Ramadhan dengan data *return* bulan Juni terdistribusi normal, sehingga alat uji hipotesis yang digunakan yaitu Uji *Independent Sample T-Test*. Berdasarkan hasil pengujian pada tabel 4.3 dengan menggunakan sampel *return* dibulan Ramadhan dan *return* dibulan Juni selama 5 tahun (2016-2020), dapat kita lihat bahwa nilai Asymp. Sig. (2-tailed) sebesar  $0,796 > 0,05$  (nilai signifikan 5%), maka dapat diartikan bahwa tidak terdapat perbedaan yang signifikan antara *return* bulan Ramadhan dengan *return* bulan Juni. Dapat disimpulkan bahwa tidak terdapat fenomena Ramadhan Effect pada *return* dibulan Ramadhan dengan *return* dibulan Non Ramadhan (Juni) pada perusahaan yang terdaftar di Jakarta Islamic Index (JII) pada tahun 2016 sampai dengan tahun 2020.

Selanjutnya, uji hipotesis yang ketujuh yaitu menguji data *retrun* bulan Ramadhan dengan *return* bulan Juli. Setelah melewati uji normalitas dapat dilihat bahwa data *return* bulan Ramadhan dengan data *return* bulan Juli tidak terdistribusi normal, sehingga alat uji hipotesis yang digunakan yaitu Uji *Mann-Whitney Test*. Berdasarkan hasil pengujian pada tabel 4.3 dengan menggunakan sampel *return* dibulan Ramadhan dan *return* dibulan Juli selama 5 tahun (2016-2020), dapat kita lihat bahwa nilai Asymp. Sig. (2-tailed) sebesar  $0,426 > 0,05$  (nilai signifikan 5%), maka dapat diartikan bahwa tidak terdapat perbedaan yang signifikan antara *return* bulan Ramadhan dengan *return* bulan Juli. Dapat disimpulkan bahwa tidak terdapat fenomena Ramadhan Effect pada *return* dibulan Ramadhan dengan *return* dibulan

Non Ramadhan (Juli) pada perusahaan yang terdaftar di Jakarta Islamic Index (JII) pada tahun 2016 sampai dengan tahun 2020.

Selanjutnya, uji hipotesis yang kedelapan yaitu menguji data *retrun* bulan Ramadhan dengan *return* bulan Agustus. Setelah melewati uji normalitas dapat dilihat bahwa data *return* bulan Ramadhan dengan data *return* bulan Agustus tidak terdistribusi normal, sehingga alat uji hipotesis yang digunakan yaitu Uji *Mann-Whitney Test*. Berdasarkan hasil pengujian pada tabel 4.3 dengan menggunakan sampel *return* dibulan Ramadhan dan *return* dibulan Agustus selama 5 tahun (2016-2020), dapat kita lihat bahwa nilai Asymp. Sig. (2-tailed) sebesar  $0,350 > 0,05$  (nilai signifikan 5%), maka dapat diartikan bahwa tidak terdapat perbedaan yang signifikan antara *return* bulan Ramadhan dengan *return* bulan Agustus. Dapat disimpulkan bahwa tidak terdapat fenomena Ramadhan Effect pada *return* dibulan Ramadhan dengan *return* dibulan Non Ramadhan (Agustus) pada perusahaan yang terdaftar di Jakarta Islamic Index (JII) pada tahun 2016 sampai dengan tahun 2020.

Selanjutnya, uji hipotesis yang kesembilan yaitu menguji data *retrun* bulan Ramadhan dengan *return* bulan September. Setelah melewati uji normalitas dapat dilihat bahwa data *return* bulan Ramadhan dengan data *return* bulan September terdistribusi normal, sehingga alat uji hipotesis yang digunakan yaitu Uji *Independent Sample T-Test*. Berdasarkan hasil pengujian pada tabel 4.3 dengan menggunakan sampel *return* dibulan Ramadhan dan *return* dibulan September selama 5 tahun (2016-2020), dapat kita lihat bahwa nilai Asymp. Sig. (2-tailed) sebesar  $0,000 < 0,05$  (nilai signifikan 5%), maka dapat diartikan bahwa terdapat

perbedaan yang signifikan antara *return* bulan Ramadhan dengan *return* bulan September. Dapat disimpulkan bahwa terdapat fenomena Ramadhan Effect pada *return* dibulan Ramadhan dengan *return* dibulan Non Ramadhan (September) pada perusahaan yang terdaftar di Jakarta Islamic Index (JII) pada tahun 2016 sampai dengan tahun 2020.

Selanjutnya, uji hipotesis yang kesepuluh yaitu menguji data *retrun* bulan Ramadhan dengan *return* bulan Oktober. Setelah melewati uji normalitas dapat dilihat bahwa data *return* bulan Ramadhan dengan data *return* bulan Oktober tidak terdistribusi normal, sehingga alat uji hipotesis yang digunakan yaitu Uji *Mann-Whitney Test*. Berdasarkan hasil pengujian pada tabel 4.3 dengan menggunakan sampel *return* dibulan Ramadhan dan *return* dibulan Oktober selama 5 tahun (2016-2020), dapat kita lihat bahwa nilai Asymp. Sig. (2-tailed) sebesar  $0,153 > 0,05$  (nilai signifikan 5%), maka dapat diartikan bahwa tidak terdapat perbedaan yang signifikan antara *return* bulan Ramadhan dengan *return* bulan Oktober. Dapat disimpulkan bahwa tidak terdapat fenomena Ramadhan Effect pada *return* dibulan Ramadhan dengan *return* dibulan Non Ramadhan (Oktober) pada perusahaan yang terdaftar di Jakarta Islamic Index (JII) pada tahun 2016 sampai dengan tahun 2020.

Selanjutnya, uji hipotesis yang kesebelas yaitu menguji data *retrun* bulan Ramadhan dengan *return* bulan November. Setelah melewati uji normalitas dapat dilihat bahwa data *return* bulan Ramadhan dengan data *return* bulan November tidak terdistribusi normal, sehingga alat uji hipotesis yang digunakan yaitu Uji *Mann-Whitney Test*. Berdasarkan hasil pengujian pada tabel 4.3 dengan

menggunakan sampel *return* dibulan Ramadhan dan *return* dibulan November selama 5 tahun (2016-2020), dapat kita lihat bahwa nilai Asymp. Sig. (2-tailed) sebesar  $0,252 > 0,05$  (nilai signifikan 5%), maka dapat diartikan bahwa tidak terdapat perbedaan yang signifikan antara *return* bulan Ramadhan dengan *return* bulan November. Dapat disimpulkan bahwa tidak terdapat fenomena Ramadhan Effect pada *return* dibulan Ramadhan dengan *return* dibulan Non Ramadhan (November) pada perusahaan yang terdaftar di Jakarta Islamic Index (JII) pada tahun 2016 sampai dengan tahun 2020.

Uji hipotesis yang terakhir yaitu menguji data *retrun* bulan Ramadhan dengan *return* bulan Desember. Setelah melewati uji normalitas dapat dilihat bahwa data *return* bulan Ramadhan dengan data *return* bulan Desember tidak terdistribusi normal, sehingga alat uji hipotesis yang digunakan yaitu Uji *Mann-Whitney Test*. Berdasarkan hasil pengujian pada tabel 4.3 dengan menggunakan sampel *return* dibulan Ramadhan dan *return* dibulan Desember selama 5 tahun (2016-2020), dapat kita lihat bahwa nilai Asymp. Sig. (2-tailed) sebesar  $0,319 > 0,05$  (nilai signifikan 5%), maka dapat diartikan bahwa tidak terdapat perbedaan yang signifikan antara *return* bulan Ramadhan dengan *return* bulan Desember. Dapat disimpulkan bahwa tidak terdapat fenomena Ramadhan Effect pada *return* dibulan Ramadhan dengan *return* dibulan Non Ramadhan (Desember) pada perusahaan yang terdaftar di Jakarta Islamic Index (JII) pada tahun 2016 sampai dengan tahun 2020.

#### **4.4 Pembahasan**



Berdasarkan hasil dari analisis deskriptif diatas pada tabel 4.1, dapat dilihat bahwa nilai maximum atau nilai yang paling tinggi yaitu terdapat pada bulan November, begitu juga dengan nilai *summary* dan rata-rata yang paling tinggi yaitu terdapat pada bulan November. Nilai maximum pada bulan November yaitu 1,60714, nilai *summary* pada bulan November yaitu 6,67114, dan nilai rata-rata pada bulan November yaitu 0,0460079. Sedangkan nilai minimum atau nilai yang paling rendah terdapat pada bulan Maret yaitu -0,56796 dan rata-rata yang paling rendah juga terdapat dibulan Maret dengan nilai -0,061464. Dapat dilihat juga pada tabel 4.1 bahwa rata-rata bulan Ramadhan tidak lebih tinggi dibandingkan dengan rata-rata bulan Non Ramadhan secara keseluruhan, namun lebih tinggi dibandingkan dengan bulan Februari, Maret, Mei, Juni, Agustus, September, dan Okrober.

Setelah analisis data statistik deskriptif dilakukan, maka dilanjutkan dengan analisis uji normalitas untuk mengetahui apakah data sampel yang digunakan terdistribusi normal atau tidak terdistribusi normal. Uji normalitas dilakukan dengan menggunakan alat uji *Kolmogorov-Smirnov*. Pada uji *Kolmogorov-Smirnov* data yang terdistribusi normal memiliki nilai *sig* > 0,05 dan data yang tidak terdistribusi normal memiliki nilai *sig* < 0,05. Uji normalitas data yang terdistribusi normal hanya terdapat pada 2 pengujian, yaitu pada sampel data bulan Ramadhan dengan bulan Juni dimana nilai *sig*. 0,200 > 0,05 dan bulan Ramadhan dengan bulan September dimana nilai *sig*. 0,073 > 0,05. Sedangkan, pada 10 pengujian lainnya sampel data tidak terdistribusi normal atau berada dibawah nilai *sig* 0,05,

yaitu terdapat pada bulan Ramadhan dengan Januari, Ramadhan dengan Februari, Ramadhan dengan Maret, Ramadhan dengan April, Ramadhan dengan Mei, Ramadhan dengan Juli, Ramadhan dengan Agustus, Ramadhan Oktober, Ramadhan dengan November, dan Ramadhan dengan Desember.

Untuk sampel data yang terdistribusi normal, maka uji hipotesis dilakukan dengan menggunakan alat uji *Independent Sample T-Test*. Pengujian pertama dilakukan menggunakan data sampel *return* bulan Ramadhan dengan *return* bulan Juni. Dapat dilihat pada tabel 4.3 bahwa hasil uji menunjukkan tingkat signifikansi sebesar  $0,796 >$  taraf signifikan  $0,05$ . Hal ini dapat diartikan bahwa tidak terdapat Ramadhan Effect atau perbedaan *return* yang signifikan pada *return* bulan Ramadhan dengan *return* bulan Non Ramadhan (bulan Juni). Selanjutnya, pengujian kedua dilakukan menggunakan data sampel *return* bulan Ramadhan dengan *return* bulan September. Dapat dilihat pada tabel 4.3 bahwa hasil uji menunjukkan tingkat signifikansi sebesar  $0,000 <$  taraf signifikan  $0,05$ . Hal ini dapat diartikan bahwa terdapat Ramadhan Effect atau terdapat perbedaan *return* yang signifikan pada *return* bulan Ramadhan dengan *return* bulan Non Ramadhan (bulan September).

Untuk data yang terdistribusi tidak normal, maka uji hipotesis dilakukan dengan alat uji *Mann-Whitney Test*. Terdapat 10 pengujian yang dilakukan dengan uji *Mann-Whitney Test*, dan hasil pengujian menunjukkan bahwa terdapat 3 pengujian yang memiliki perbedaan signifikan, diantaranya yaitu yang pertama pada *return* bulan Ramadhan dengan *return* bulan Februari dimana memiliki nilai

sig 0,002 < taraf sig 0,05. Pengujian kedua yaitu pada *return* bulan Ramadhan dengan *return* bulan Maret memiliki nilai sig 0,000 < taraf sig.0,05. Pengujian ketiga yaitu pada *return* bulan Ramadhan dengan *return* bulan Mei memiliki nilai sig 0,013 < taraf sig 0,05. Selanjutnya, untuk 7 pengujian lainnya tidak terdapat perbedaan yang signifikan, yaitu pengujian pada *return* bulan Ramadhan dengan *return* bulan Januari dengan nilai sig 0,829 > taraf sig 0,05. Pada *return* bulan Ramadhan dengan *return* bulan April dengan nilai sig 0,829 > taraf sig 0,05. Pada *return* bulan Ramadhan dengan *return* bulan Juli dengan nilai sig 0,426 > taraf sig 0,05. Pada *return* bulan Ramadhan dengan *return* bulan Agustus dengan nilai sig 0,350 > taraf sig 0,05. Pada *return* bulan Ramadhan dengan *return* bulan Oktober dengan nilai sig 0,153 > taraf sig 0,05. Pada *return* bulan Ramadhan dengan *return* bulan November dengan nilai sig 0,252 > taraf sig 0,05, dan pengujian terakhir pada *return* bulan Ramadhan dengan *return* bulan Desember dengan nilai sig 0,319 > taraf sig 0,05.

Dari penjelasan di atas, dapat disimpulkan bahwa dari 12 pengujian yang dilakukan, terdapat 4 pengujian yang menunjukkan adanya perbedaan yang signifikan antara *return* bulan Ramadhan dengan *return* bulan Non Ramadhan. Selebihnya pada 8 pengujian tidak menunjukkan adanya perbedaan yang signifikan antara *return* bulan Ramadhan dengan *return* bulan Non Ramadhan. Sehingga, dikarenakan hasil pengujian menunjukkan dominan tidak terdapat perbedaan yang signifikan, maka hipotesis ditolak atau berarti bahwa tidak terdapat fenomena Ramadhan effect di saham-saham Jakarta Islamic Index BEI pada tahun 2016-

2020. Hal ini tidak sejalan dengan penelitian Bialkowski dkk (2012) yang melakukan penelitian terkait Ramadhan Effect. Pada penelitian tersebut Bialkowski dkk (2012) menemukan bahwa return saham selama bulan Ramadhan lebih tinggi daripada dalam 11 bulan lainnya di 11 negara Muslim.



## BAB V

### KESIMPULAN DAN SARAN

#### 5.1 Kesimpulan

Setelah melakukan analisis statistik deskriptif serta uji normalitas dan uji hipotesis pada penelitian fenomena *Ramadhan Effect*, maka dapat diambil beberapa kesimpulan, yaitu dari hasil pengujian yang telah dilakukan dan diuji terkait fenomena *Ramadhan Effect* pada perusahaan yang terdaftar dalam Jakarta Islamic Index (JII) pada rentang waktu 2016 sampai 2020 dengan menggunakan uji hipotesis menunjukkan bahwa tidak terdapat perbedaan signifikan pada *return* bulan Ramadhan dengan *return* bulan Non Ramadhan. Selain itu hasil pengujian statistik deskriptif menunjukkan bahwa rata-rata *return* bulan Ramadhan bernilai positif tetapi tidak lebih tinggi dari beberapa bulan Non Ramadhan lainnya. Uji hipotesis dilakukan sebanyak 12 kali pengujian, 8 pengujian diantaranya memiliki hasil bahwa tidak terdapat perbedaan yang signifikan, dan 4 pengujian lainnya memiliki hasil bahwa terdapat perbedaan yang signifikan. Berdasarkan hasil penelitian tersebut maka dapat disimpulkan bahwa tidak adanya fenomena *Ramadhan Effect* pada perusahaan yang terdaftar di Jakarta Islamic Index (JII) pada rentang waktu 2016 sampai 2020 yang sudah dikualifikasi oleh peneliti.

#### 5.2 Saran

Saran yang dapat diberikan peneliti pada penelitian yang sudah dijabarkan dalam bab-bab sebelumnya, yaitu :

1. Bagi peneliti selanjutnya disarankan untuk menggunakan sampel penelitian yang lebih luas dan lebih lengkap serta menggunakan tahun yang runtut agar hasil penelitian dapat lebih sempurna. Selain itu, peneliti selanjutnya disarankan dapat menggunakan metode penelitian yang lebih luas dengan menambahkan indikator pengukuran seperti *Trading Volume Activity* (TVA).
2. Investor sebaiknya menggunakan hasil penelitian sebagai salah satu kerangka pemikiran untuk mempertimbangkan sebuah keputusan dalam berinvestasi pada bulan Ramadhan, karena dalam penelitian kali ini menyatakan bahwa adanya fenomena *Ramadhan effect* yang terjadi pada tahun yang sudah dikualifikasi.
3. Investor sebaiknya dapat menggunakan data dan informasi yang ada sebaik mungkin sebelum memutuskan untuk melakukan investasi, seperti halnya melihat data yang sudah dipublikasikan oleh Bursa Efek Indonesia (BEI) atau Indeks Harga Saham Gabungan (IHSG) yang dapat mempermudah investor memperoleh data untuk mempertimbangkan hal tersebut.

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## LAMPIRAN

Lampiran 1. Data Daftar Saham pada Jakarta Islamic Index tahun 2016 – 2020

NO	2016	2017	2018	2019	2020
1	AALI	AALI			
2	ADRO	ADRO	ADRO	ADRO	ADRO
3	AKRA	AKRA	AKRA	AKRA	AKRA
4	ASII	ASII	ASII	ASII	ASII
5	ASRI				
6	BSDE	BSDE	BSDE	BSDE	
7	ICBP	ICBP	ICBP	ICBP	ICBP
8	INCO	INCO	INCO	INCO	INCO
9	INDF	INDF	INDF	INDF	INDF
10	INTP		INTP	INTP	INTP
11	JSMR			JSMR	JSMR
12	KLBF	KLBF	KLBF	KLBF	KLBF
13	LPKR	LPKR	LPKR		
14	LPPF	LPPF	LPPF	LPPF	
15	LSIP	LSIP			
16	MIKA				
17	PGAS	PGAS	PGAS		PGAS
18	PTBA	PTBA	PTBA	PTBA	PTBA
19	PTPP	PTPP	PTPP	PTPP	
20	PWON	PWON			PWON
21	SCMA		SCMA	SCMA	SCMA
22	SILO				
23	SMGR	SMGR	SMGR	SMGR	SMGR
24	SMRA	SMRA	SMRA		
25	SSMS	SSMS			
26	TLKM	TLKM	TLKM	TLKM	TLKM
27	UNTR	UNTR	UNTR	UNTR	UNTR
28	UNVR	UNVR	UNVR	UNVR	UNVR
29	WIKA	WIKA	WIKA	WIKA	WIKA
30	WSKT	WSKT	WSKT		
31		ANTM	ANTM	ANTM	ANTM
32		CTRA	CTRA	CTRA	CTRA
33		EXCL	EXCL	EXCL	EXCL

34		MYRX			
35		PPRO			
36		TPIA	TPIA		TPIA
37			BRPT	BRPT	BRPT
38			INDY	INDY	
39			ITMG	ITMG	
40			WSBP	WSBP	
41				BTPS	BTPS
42				CPIN	CPIN
43				ERAA	ERAA
44				JPFA	JPFA
45					ACES
46					MDKA
47					MNCN

Lampiran 2. Data Daftar Saham pada Jakarta Islamic Index yang selalu masuk 5 tahun pada 2016 – 2020

NO	2016	2017	2018	2019	2020
1	ADRO	ADRO	ADRO	ADRO	ADRO
2	AKRA	AKRA	AKRA	AKRA	AKRA
3	ASII	ASII	ASII	ASII	ASII
4	ICBP	ICBP	ICBP	ICBP	ICBP
5	INCO	INCO	INCO	INCO	INCO
6	INDF	INDF	INDF	INDF	INDF
7	KLBF	KLBF	KLBF	KLBF	KLBF
8	PTBA	PTBA	PTBA	PTBA	PTBA
9	SMGR	SMGR	SMGR	SMGR	SMGR
10	TLKM	TLKM	TLKM	TLKM	TLKM
11	UNTR	UNTR	UNTR	UNTR	UNTR
12	UNVR	UNVR	UNVR	UNVR	UNVR
13	WIKA	WIKA	WIKA	WIKA	WIKA

Lampiran 3. Data Daftar Saham pada Jakarta Islamic Index yang selalu masuk 4 tahun pada 2016 – 2020

NO	2016	2017	2018	2019	2020
1	BSDE	BSDE	BSDE	BSDE	
2	INTP		INTP	INTP	INTP
3	LPPF	LPPF	LPPF	LPPF	
4	PGAS	PGAS	PGAS		PGAS
5	PTPP	PTPP	PTPP	PTPP	
6	SCMA		SCMA	SCMA	SCMA
7		ANTM	ANTM	ANTM	ANTM
8		CTRA	CTRA	CTRA	CTRA
9		EXCL	EXCL	EXCL	EXCL

Lampiran 4. Data Daftar Saham pada Jakarta Islamic Index yang selalu masuk 3 tahun pada 2016 – 2020

NO	2016	2017	2018	2019	2020
1	JSMR			JSMR	JSMR
2	LPKR	LPKR	LPKR		
3	PWON	PWON			PWON
4	SMRA	SMRA	SMRA		
5	WSKT	WSKT	WSKT		
6		TPIA	TPIA		TPIA
7			BRPT	BRPT	BRPT

Lampiran 5. Data return saham Ramadhan dan Non Ramadhan 2016 – 2020

EMITEN	RAMADHAN					JANUARI				
	2016	2017	2018	2019	2020	2016	2017	2018	2019	2020
ADRO	0.053571	0.063973	0.075	-0.01521	0.082873	0.062753	0	0.317204	0.144033	-0.1806
AKRA	0.04898	0.035714	0.011038	-0.06792	0.03271	0.020833	0.1125	-0.01969	0.223776	-0.15128
ASII	0.080292	0.02	0	0.003367	0.055851	0.09322	-0.03927	0.024096	0.027356	-0.07636
ICBP	0.039877	0	0.066265	0.020833	-0.05419	0.094697	-0.02041	-0.01966	0.0311	0.020179
INCO	0.058309	-0.02116	0.209169	-0.06897	0.238494	-0.05556	-0.15957	0.297578	0.180982	-0.12707
INDF	-0.04096	-0.01714	0.081712	-0.02583	-0.01533	0.169811	0	0.016393	0.040268	-0.01881
KLBF	0.037671	0.079734	0.014925	-0.04746	0.059289	0.042969	-0.0429	-0.01479	0.052632	-0.11455
PTBA	0.067568	0.111628	0.162857	-0.19261	0.015873	0.026528	-0.072	0.382114	0.002326	-0.1597
SMGR	0.00271	0.081081	-0.04885	0.035874	0.235507	-0.00674	-0.01635	0.126263	0.102174	-0.02049
TLKM	0.023196	0.011186	0.037356	0.015625	0.035831	0.063694	-0.02764	-0.10135	0.04	-0.02813
UNTR	0.031359	0.116989	0.000719	-0.0585	-0.09877	0.080745	0.028235	0.09887	-0.05941	-0.10698
UNVR	0.013889	0.023061	-0.00765	-0.0182	0.073333	0.019444	0.061856	-0.02683	0.101322	-0.07018
WIKA	0.070632	-0.04741	0.105802	-0.00439	0.043478	0.070746	0.088983	0.341935	0.145015	-0.06436
BSDE	0.117647	0.005495	0.045593	0.067194	-0.11679	-0.03352	0.042735	0.070588	0.059761	-0.12205
INTP	-0.00455	-0.00806	-0.12838	0.044335	-0.01822	-0.0762	-0.02435	-0.00683	0.042005	-0.11066
LPPF	0.025974	-0.00526	0.005587	-0.08313	-0.00368	-0.07381	-0.02314	0.1125	0.25	-0.28641
PGAS	-0.07143	-0.11417	0.080519	-0.05936	0.077922	-0.09586	0.066667	0.491429	0.212264	-0.20327
PTPP	0.002632	-0.01875	0.173333	-0.08372	0.007874	0.027668	-0.05774	0.185606	0.296399	-0.14286
SCMA	-0.04167	-0.07168	-0.01288	-0.08333	-0.01227	-0.14149	0.007143	0.084677	0.008021	0.039711
ANTM	0.059259	-0.00714	0.117284	-0.04605	0.044177	0.111486	-0.10615	0.464	0.261438	-0.14286
CTRA	0.036496	0.044643	0.09596	-0.03922	-0.04854	-0.10877	-0.01124	0.147679	-0.03465	-0.12683
EXCL	-0.00276	0.152027	0.453039	0.003509	-0.00415	-0.00676	0.25974	0.010135	0.09596	-0.09657
JSMR	-0.06787	0.054187	0.132678	0.013333	0.434109	0.144279	-0.02315	-0.10938	0.149533	-0.11111
LPKR	0.161616	-0.08966	-0.06701	0	0.1	0.039409	0.020833	0.127049	0.102362	-0.00862
PWON	0.061404	-0.03906	0.113208	0.06015	-0.09574	-0.09677	-0.00885	0.036496	0.048387	-0.08772
SMRA	0.09697	-0.05147	0.184524	0.045455	-0.07948	-0.08254	-0.01132	0.185185	0.285714	-0.155
WSKT	0.037344	-0.02929	0.163366	-0.07179	0.008696	0.070988	0.003922	0.280543	0.175595	-0.18272
TPIA	0.04	-0.03604	-0.01277	0.004926	-0.17151	0.015965	0.07385	0.0875	-0.00844	-0.14599
BRPT	0.025424	-0.06688	-0.01794	-0.15167	-0.04297	0.630769	0.232082	0.168142	0.09205	-0.10922

	FEBRUARI					MARET				
	2016	2017	2018	2019	2020	2016	2017	2018	2019	2020
	0.174757	-0.03143	-0.02083	-0.04727	-0.05714	-0.03731	0.044776	-0.11983	0.022901	-0.11211
	0.10473	-0.04511	0.016667	0.023041	-0.16139	-0.12303	0	-0.07724	-0.14775	-0.22549

0.070866	0.018634	-0.05831	-0.15385	-0.11952	0.035714	0.036036	-0.09598	0.010381	-0.31579
0.088083	-0.01187	0.031609	-0.04884	-0.09868	-0.02875	-0.01511	-0.08056	-0.09466	0.007389
0.077193	-0.00391	-0.10789	-0.01058	-0.24615	0.090343	-0.04781	-0.15455	-0.12629	-0.136
0.123506	0.025237	-0.01623	-0.09003	-0.15309	0.01049	0	-0.07395	-0.11986	-0.04869
-0.03346	0.030303	-0.05045	-0.0743	-0.17007	0.10728	0.0301	-0.0625	-0.01299	0.004184
0.161327	-0.04487	-0.0509	-0.0787	0.032258	0.200957	0.186517	-0.07256	0.042079	-0.00909
-0.06606	0.066482	0.03972	-0.00589	-0.12708	-0.00732	-0.04255	-0.06335	0.07767	-0.26683
-0.02402	-0.02284	0.005025	-0.00258	-0.06684	0.009105	0.072727	-0.1133	0.012788	-0.0814
-0.11159	0.105381	-0.08247	0.015326	-0.12975	0.018303	0.108787	-0.12389	0.018868	0.013493
0.209918	0.021805	-0.00919	-0.0265	-0.13057	-0.05452	0.027267	-0.08245	0.003058	0.050725
-0.051	-0.00794	-0.05637	-0.05805	-0.00266	0.001919	-0.036	-0.12042	0.174863	-0.53611
0.01506	-0.00272	0.032	-0.02166	-0.09091	0.063768	0.053073	-0.03784	0.04797	-0.3057
0.032216	-0.0098	0.004571	-0.03149	-0.11556	-0.01375	0.083197	-0.25926	0.113429	-0.14384
0.143963	-0.07614	-0.05333	-0.16058	0	0.03966	0.123667	-0.02667	-0.31933	-0.56796
0.095634	-0.01736	0.063745	0.011952	-0.24706	0.011605	-0.09319	-0.11877	-0.05221	-0.39922
-0.03529	-0.03333	-0.02516	-0.12281	-0.12681	0.048913	-0.04611	-0.17143	0.039604	-0.50893
0.08209	0.017241	0.051661	-0.06166	-0.18248	0.082759	-0.05923	-0.03559	-0.05983	-0.30493
0.096386	-0.08025	0.049451	0.057292	-0.1958	0.271233	-0.02667	-0.17553	-0.1564	-0.23077
0.062241	0.037879	-0.05495	-0.09326	0.086207	-0.0076	-0.05747	-0.08915	0.110497	-0.50939
0.042781	0.049123	0.003401	0.142857	-0.08803	0.025641	0.040816	-0.12803	0.076305	-0.20635
-0.10549	0.127358	-0.04464	0.064155	0.035398	0	-0.00858	-0.15576	0.111628	-0.45022
-0.03302	0.006849	-0.08036	0.130435	0	-0.00476	0.021127	-0.05882	-0.07692	-0.4115
0.011038	0.044248	-0.02174	-0.06767	0.039216	0.034188	0.042373	-0.09353	0.071942	-0.41333
0.1	0.053846	-0.06723	-0.04082	0.02439	-0.00938	-0.0219	-0.15421	0.026882	-0.5092
0.115607	-0.03125	0.039286	-0.05063	-0.19421	0.041558	-0.02066	-0.1512	0.044737	-0.50103
0	0.061937	-0.05019	-0.0087	-0.08571	0.014286	0.016967	0.055085	-0.03057	-0.33544
0.569721	0.243697	-0.02963	0.171875	-0.22745	0.192893	0.294643	-0.10117	0.186667	-0.2328

APRIL					MEI				
2016	2017	2018	2019	2020	2016	2017	2018	2019	2020
0.097744	-0.01662	-0.1385	-0.03333	-0.09804	-0.00699	-0.11628	0.027248	-0.00766	0.235955
-0.05797	0.079681	-0.12889	-0.06513	0.243523	0.007874	-0.00376	0.004082	-0.10562	0.030702
-0.08191	0.019943	-0.05298	0.037415	0.02122	-0.01493	-0.02778	-0.03497	-0.02295	0.32133
-0.00326	0.041543	0.038922	0.051351	-0.02709	0.058824	0.017544	0.002882	0.007712	-0.15979
0.072046	-0.03896	0.101045	-0.14085	0.26601	-0.0831	-0.15708	0.221519	-0.11475	0.049057
-0.01384	0.046875	-0.05102	0.103175	0.027559	-0.01423	0.038576	0.014337	-0.05036	-0.12879
-0.05172	0.019293	-0.02589	0.036913	0.236052	0.067164	0.016502	-0.0897	-0.09061	0.025362
0.137097	-0.03977	0.058824	-0.05714	-0.08537	-0.09574	-0.11741	0.17284	-0.22727	0.071625
-0.02941	-0.02486	-0.09176	-0.03226	0.032468	-0.05759	0.073864	-0.12953	-0.14444	0.302326

0.059701	0.047962	0.043597	-0.03562	0.129032	0.072464	-0.01361	-0.08094	0.029024	-0.0512
-0.01961	-0.03324	0.060653	-0.00549	-0.01955	-0.05333	0.068269	0.027859	-0.06716	0.011272
-0.0139	0.014245	-0.07669	-0.07614	0.157343	-0.00347	0.019316	-0.01618	-0.02198	-0.02208
0.003788	-0.00837	-0.0731	0.105023	0.137725	-0.06977	-0.01293	0.053628	-0.06198	0.212291
0.019284	-0.04787	-0.04789	-0.01375	0.084615	0.039773	0.019718	0.008876	-0.05923	-0.06618
-0.00127	0.008929	0.106084	-0.01345	-0.04312	-0.12598	0.145511	-0.00564	-0.03636	0.115207
0.045392	0.081481	-0.02128	0.009926	-0.02008	-0.00132	0.02027	-0.11594	-0.07862	0.26087
-0.01504	-0.03953	-0.14069	-0.0211	0.163265	-0.01195	-0.00415	0.042821	-0.11207	0.04878
-0.04805	-0.03636	-0.11314	0.111111	0.300971	0.008174	0.053872	0.061728	-0.17917	0.150794
-0.01387	0.017794	-0.05185	0.141104	0.165563	0.021341	0.028269	-0.03906	-0.1129	0.219512
0.64859	-0.02797	0.062893	-0.07979	0.169725	-0.13907	0.131387	0.023669	-0.16185	0.082996
-0.03113	0.036437	-0.07563	0.036697	0.297619	0.117409	-0.07819	-0.08182	-0.13274	0.116505
-0.10886	0.059406	-0.12757	0.077491	0.302564	0.016677	-0.03896	-0.00943	-0.02055	0.057143
-0.01357	0.0131	-0.05616	0.029536	0.26	-0.0137	0.136364	0.018307	-0.06557	0.167763
-0.01932	0.082192	-0.07851	0.108108	0.236641	-0.04975	-0.13924	-0.15247	-0.01829	0.218543
0.067073	0.041667	-0.056	-0.02055	0.211538	0.089109	-0.03937	-0.05085	-0.01399	0.028409
-0.03395	0.007407	-0.00549	0.098039	0.193548	0.070234	-0.02222	0.088398	-0.07589	0.115385
0.152334	0	-0.12992	0.054726	0.260417	0.059072	0.012766	0.049774	-0.14623	0.042735
0.323944	0.104058	0	-0.10132	0.709524	-0.0982	-0.00938	-0.03306	0	-0.15072
0.217494	0.00639	0.051064	0.10411	0.946309	-0.05743	0.031949	-0.1417	-0.18114	-0.02527

JUNI					JULI				
2016	2017	2018	2019	2020	2016	2017	2018	2019	2020
0.180556	0.039474	-0.0504	0.001478	-0.131	0.175141	0.095092	0.091691	-0.11806	0.038278
-0.00389	-0.01509	-0.12602	0.027638	0.040984	0.050584	0.04943	0.01937	-0.01961	0.16129
0.108614	0.02	-0.04348	0	0.014799	0.043919	-0.09117	0.144	-0.05085	0.070686
0.068217	0.011494	0.017241	0.035714	0.103245	0.014749	-0.05114	-0.0169	0.05679	0
0.099698	-0.02887	0.046632	0.155556	-0.04437	0.410468	0.287234	0.071078	-0.04114	0.221429
0.039427	-0.01714	-0.06007	0.064394	0.082988	0.185053	-0.04558	-0.02682	0	-0.01527
0.051546	0.055195	-0.10949	0.039146	0.054152	0.105611	0.048338	0.036	0.013793	0.068259
0.175573	0.09633	0.044737	-0.03268	-0.02885	0.246835	0.087137	0.12	-0.10458	-0.02871
0.027473	0.058201	-0.15179	0.002165	-0.01028	0.013514	-0.02451	0.093525	0.032064	-0.04404
0.069892	0.03908	0.065341	0.061538	-0.06154	0.065491	-0.02088	-0.048	0.018957	0.003289
0.060932	-0.0117	-0.09843	0.112426	0.010687	0.064189	0.043328	0.087963	-0.1353	0.255882
0.035017	0.056849	0.010965	0.011236	-0.02469	0.028539	-0.01011	-0.04631	-0.03111	0.076923
0.208163	-0.03493	-0.20659	0.070485	0.048035	0.034722	-0.06306	0.174242	-0.0449	0.021459
0.140541	0.01105	-0.08211	0.137037	0.104478	0	-0.04278	-0.11184	-0.07492	-0.04828
0.007463	-0.0027	-0.22553	-0.0566	-0.12593	0.039574	-0.06292	0.018018	0.087062	0.076087
0.061008	-0.06126	-0.03825	-0.08	0.087542	0.008861	-0.10739	-0.08807	0.084302	-0.18182



-0.05645	-0.0625	-0.03623	0.024272	0.282486	0.405983	-0.04255	-0.12821	-0.03756	0.114537
0.059783	0.003195	-0.22674	0.121827	0.175676	0.013123	-0.06192	0.024631	-0.02715	0.107955
-0.03226	-0.10997	-0.1626	-0.02424	0.207254	-0.01863	-0.10266	-0.02381	-0.04908	0.103004
0.124031	-0.10323	0.028902	0.165517	0.09009	0.111888	-0.01429	0.115854	0.1	0.216667
0.050725	0.044643	0.009901	0.173469	0.008264	-0.00446	-0.12288	0.020513	0.060086	0.082645
0.019444	0.152027	0.2	0.041958	0.077821	0.027701	0.015106	0.086957	0.080268	-0.08425
-0.02315	0.019048	-0.06067	0.004386	0.151832	0.033981	0.088372	0.119332	0.016949	-0.10682
0.186528	-0.02941	-0.10053	0.033152	-0.04469	-0.01304	0.028777	0.095808	0.029412	-0.16364
0.088496	0.008197	-0.05357	0.035461	0.083333	0.07438	0.109375	-0.0283	-0.01342	0.029126
0.107034	-0.02273	-0.08122	0.178744	0.223849	-0.06354	-0.24031	-0.1	0.086066	0
0.015936	-0.02521	-0.17026	0.110497	0.126984	0.108	0.021368	0.101299	0.014851	-0.10714
0.022222	-0.01231	-0.04274	-0.02549	-0.11149	0.303419	0.025544	-0.06542	0.275407	0.114068
0.025424	-0.09288	-0.06604	-0.02727	-0.13433	0.332645	0.11745	-0.08333	0.190184	-0.17391

AGUSTUS					SEPTEMBER				
2016	2017	2018	2019	2020	2016	2017	2018	2019	2020
0.105769	-0.01882	-0.05808	-0.08163	0.053398	0.016878	0	-0.01078	0.116883	-0.00439
-0.01838	-0.02518	-0.15059	0.0675	0.043165	-0.04444	0.04797	0.01662	-0.10377	-0.13559
0.01875	0.003185	-0.0301	-0.04982	0.045082	0.028037	0.003175	0.035211	0.007634	-0.15048
0.117647	0.048048	-0.00573	0.126168	0.099462	-0.0525	0	0.014368	0.004175	-0.01467
0.011494	0.212245	-0.163	0.20068	0.131343	0.104869	-0.12795	0.042135	-0.11587	-0.08951
-0.05655	0.009036	-0.00778	0.096886	0.177606	0.0875	0.00597	-0.07451	-0.0375	-0.06536
0.055882	0.011834	-0.01103	0.138047	0.012821	-0.04457	-0.02632	0.045455	0	-0.02821
0.010178	-0.07477	-0.10793	-0.09524	0.032911	-0.01786	-0.15556	0.053659	-0.06612	-0.0619
-0.01	0.055416	0.095652	0.015326	0.156164	0.030612	-0.03341	0.070081	-0.12994	-0.16591
-0.07473	-0.01677	-0.0169	0.03972	-0.02055	0.036058	-0.00213	0.04298	0.022676	-0.11724
0.160991	-0.00656	-0.04378	-0.14417	0.124694	-0.05851	0.056106	-0.03226	-0.00121	-0.02979
0.012195	0.042806	-0.01956	0.072448	-0.00303	-0.01547	-0.03116	0.076703	-0.03024	-0.0152
0.069307	-0.02217	-0.01899	-0.05556	0.117117	-0.1358	-0.09824	-0.1165	-0.0375	-0.124
0.033654	0.03966	-0.13043	-0.02527	0.183206	0.067961	-0.03542	-0.03347	0.033457	-0.05128
-0.01117	0.149492	0.189597	-0.03013	-0.0021	0.017595	-0.04545	0.091445	-0.125	-0.14754
0	-0.12664	-0.0566	-0.14689	0.041152	-0.03776	-0.0725	-0.06102	0.135762	-0.22835
-0.11953	-0.02752	0.222857	-0.04	0.045833	0.01773	-0.25708	0.097561	0.052632	-0.28016
0.132812	-0.07261	-0.07317	-0.06801	0.065934	-0.03009	-0.17794	-0.17568	-0.03125	-0.15816
-0.08182	-0.05556	0.019417	-0.15986	0.016393	-0.04437	-0.00905	-0.08088	-0.05306	0.0125
-0.10559	0.072464	-0.07447	0.156757	0.171429	0.171429	-0.13514	0.018072	-0.16667	-0.16071
0.043919	0.141463	-0.15075	-0.124	0.262295	0.019231	0.021368	0.047904	0.004762	-0.13423
-0.21978	0.037464	0.164835	0.060976	0.02521	-0.0625	0.038889	-0.1039	-0.04972	-0.16116
-0.11636	0.030973	-0.05821	-0.04681	0.012953	-0.03158	-0.03863	-0.00223	0.055556	-0.07198

-0.05983	0.113475	-0.03261	-0.09929	0.189394	-0.07042	-0.07643	-0.03911	-0.04839	-0.22727
-0.13139	-0.05634	-0.05505	-0.09859	0.030303	0.184211	-0.08955	0.009804	0.072581	-0.13659
0.014493	0.050251	-0.14839	-0.15873	0.151786	0.023324	0.019139	0	0.079439	-0.13953
-0.00357	-0.05128	-0.1019	-0.09585	0.111111	-0.04029	-0.20045	-0.09333	-0.03226	-0.22791
0.786885	-0.19905	0.078431	0.347328	-0.0339	0.277778	0.126478	-0.08037	-0.07865	0.003484
0.653846	0.135057	-0.06284	0.175325	-0.06145	-0.07583	0.010127	0.072886	0	-0.07602

2016	OKTOBER					NOVEMBER				
	2017	2018	2019	2020	2016	2017	2018	2019	2020	
0.219231	0.028169	-0.10326	-0.00758	-0.04661	-0.06707	-0.10995	-0.21884	-0.0315	0.230088	
0.092308	0.041958	-0.12626	0.047619	0.02682	-0.02909	-0.12715	0.114286	-0.12821	0.114943	
-0.0295	0.009464	0.078498	0.061069	0.17679	-0.09309	-0.01238	0.062112	-0.04412	-0.01852	
-0.0359	-0.00845	0.011331	-0.02516	-0.04926	-0.05978	-0.0452	0.103641	-0.02581	0.015385	
-0.13099	0.130769	-0.18889	0.097633	0.112637	0.261194	-0.08609	-0.0098	-0.16898	0.079625	
-0.07104	-0.04094	-0.0083	0.009836	-0.02439	-0.10882	-0.10671	0.113924	0.025806	0.010676	
0.008696	-0.04478	-0.01083	-0.04776	-0.0528	-0.13545	0	0.13806	-0.06154	0.006689	
0.19598	0.141791	-0.03409	-0.01316	-0.02	-0.06903	-0.0364	-0.04965	0.105023	0.216495	
-0.05288	0.068627	-0.0625	0.129464	0	-0.06579	-0.10476	0.3	-0.10547	0.282192	
-0.03653	-0.13889	0.049046	-0.03294	-0.04727	-0.1	0.050633	-0.05155	-0.03676	0.261719	
0.178474	0.080218	0.022121	0.054745	-0.07245	-0.05724	-0.07586	-0.17849	-0.02674	0.124694	
-0.01604	-0.01097	-0.06641	-0.05357	-0.02492	-0.0883	-0.00605	0.001185	-0.04348	0.013115	
-0.12287	0.091413	-0.24138	0.036649	0.075893	0.033064	-0.07436	0.291845	-0.10567	0.396552	
-0.03556	-0.03911	-0.05579	0.014337	0.194631	-0.20188	-0.04348	0.238532	-0.12281	0.193182	
-0.07584	0.166234	-0.01844	0.069519	0.134571	-0.0274	-0.16911	0.131852	-0.05481	0.172131	
-0.0612	-0.11111	-0.29197	-0.01355	0	-0.1454	0.104167	-0.01656	-0.01944	0.297436	
-0.10801	0.179487	-0.00893	0.034314	0.125654	0.051587	-0.07859	-0.11538	0.037838	0.311321	
-0.05721	0.17284	-0.16088	0.047198	0.089286	0.02657	-0.10764	0.384328	-0.18919	0.52809	
-0.07986	0.004673	-0.13736	0.008264	0.235537	-0.03089	0.004566	0.204403	0.008403	0.111486	
0.111801	0.007813	-0.17576	-0.06806	0.435374	0.077778	-0.06338	-0.10219	-0.12281	0.040909	
-0.04532	0.021097	-0.06818	0.04717	0.222222	-0.11184	0.00823	0.310559	-0.08219	0.134969	
-0.20578	-0.08649	-0.06429	0.028986	-0.07727	0.050228	-0.12	-0.08108	-0.05114	0.199005	
-0.02998	0.145374	-0.07572	-0.0354	-0.01928	-0.08978	-0.00778	0.002427	-0.05905	0.173669	
-0.09045	-0.06757	-0.1716	-0.0084	0.115702	-0.15	-0.14815	-0.04348	0.051724	0.746269	
0.043478	0.02439	-0.05347	-0.01575	0.169492	-0.03521	-0.03125	0.194332	-0.08871	0.196172	
-0.07563	-0.05909	-0.04762	0	0.168142	-0.06601	-0.15686	0.438596	-0.06849	0.242424	
-0.02602	0.171271	-0.2	-0.04308	0.45098	-0.01923	0.004762	0.050505	-0.1806	0.444444	
0.265957	0.190776	0.010504	0.144578	0.099656	0.508333	1.607143	0.104772	0	0.169811	
0.45641	0.01	0.027397	-0.02564	0.084337	0.101754	0.107317	0.128342	0.416667	0.166667	

DESEMBER				
2016	2017	2018	2019	2020
0.052795	0.094118	-0.06897	0.18251	0.028777
-0.06615	0	0.108527	0.070461	0.063545
0.074675	0.040752	-0.0436	0.041353	0.085586
-0.0058	0.053254	0.085714	-0.02193	-0.05198
-0.18732	0.047101	-0.02102	0.170418	0.096774
0.029221	0.040956	0.120301	-0.00938	-0.03521
-0.04717	0.05625	-0.02251	0.031847	-0.00337
0.030928	0.093333	0.085859	0.051383	0.156379
-0.00811	0.053191	-0.00862	0.038961	0.035417
0.031088	0.06988	0.013514	0.005063	0.021605
-0.04494	0.056716	-0.04371	-0.00921	0.10031
-0.07454	0.133874	0.03653	-0.01984	-0.04545
-0.02075	-0.14127	0.060897	0.105556	0.185075
-0.01127	0.030303	-0.08059	0.004	0.14486
-0.01282	0.191316	-0.0775	-0.057	-0.03661
0.052174	-0.0566	0.022831	0.179272	0.02
-0.00369	0.029412	0.076142	0.085	0.190647
-0.04559	0.027237	-0.08838	0.128114	0.336918
0.12	0.127273	-0.02094	0.155738	0.444795
-0.06283	-0.06015	0.040816	0.063291	0.675325
-0.03261	-0.03265	-0.08182	0.019608	0.088398
0.040541	-0.03896	-0.0198	-0.0708	0.114286
0.038462	0.003922	-0.04036	0	0.091981
-0.05882	-0.1513	-0.06618	-0.01626	-0.06957
-0.15038	0.104839	0.042017	-0.01724	-0.00971
-0.04332	0.098837	-0.08523	-0.00985	-0.00617
0.007905	0.047393	-0.04	0.164706	0.345794
0.035088	0.09589	0.117925	0.103723	-0.04474
-0.06688	-0.00441	0.149038	0.094203	0.013825

Lampiran 6.. Hasil uji deskriptif

Descriptive Statistics						
	N	Minimum	Maximum	Sum	Mean	Std. Deviation
Ramadhan	145	-.19261	.45304	3.15620	.0217669	.09031827

Januari	145	-.28641	.63077	5.09736	.0351542	.14140923
Februari	145	-.24706	.56972	-1.57284	-.0108472	.10065010
Maret	145	-.56796	.29464	-8.91230	-.0614641	.15946409
April	145	-.14085	.94631	6.35155	.0438038	.14668735
Mei	145	-.22727	.32133	-.39010	-.0026904	.09951873
Juni	145	-.22674	.28249	2.75295	.0189858	.09270753
Juli	145	-.24031	.41047	4.57061	.0315215	.10801641
Agustus	145	-.21978	.78689	2.96866	.0204735	.13133969
September	145	-.28016	.27778	-4.83987	-.0333784	.08859305
Oktober	145	-.29197	.45641	2.01648	.0139068	.11887925
November	145	-.21884	1.60714	6.67114	.0460079	.21048460
Desember	145	-.18732	.67532	5.13249	.0353965	.10507734
Valid N (listwise)	145					

Lampiran 7. Hasil uji normalitas dan hipotesis Ramadhan – Januari

### One-Sample Kolmogorov-Smirnov Test

		Unstandardized Residual
N		145
Normal Parameters <sup>a,b</sup>	Mean	.0000000
	Std. Deviation	.14136942
Most Extreme Differences	Absolute	.094
	Positive	.094
	Negative	-.055
Test Statistic		.094
Asymp. Sig. (2-tailed)		.003 <sup>c</sup>

a. Test distribution is Normal.

b. Calculated from data.

c. Lilliefors Significance Correction.

### Ranks

	Periode	N	Mean Rank	Sum of Ranks
Return	Ramadhan	145	144.43	20943.00
	Januari	145	146.57	21252.00
	Total	290		

### Test Statistics<sup>a</sup>

Return	
Mann-Whitney U	10358.000
Wilcoxon W	20943.000
Z	-.216
Asymp. Sig. (2-tailed)	.829

a. Grouping Variable: Periode

Lampiran 9. Hasil uji normalitas dan uji hipotesis Ramadhan – Februari

### One-Sample Kolmogorov-Smirnov Test

		Unstandardized Residual
N		145
Normal Parameters <sup>a,b</sup>	Mean	.0000000
	Std. Deviation	.10054973
Most Extreme Differences	Absolute	.079
	Positive	.079
	Negative	-.060
Test Statistic		.079
Asymp. Sig. (2-tailed)		.029 <sup>c</sup>

a. Test distribution is Normal.

b. Calculated from data.

c. Lilliefors Significance Correction.

### Ranks

	Periode	N	Mean Rank	Sum of Ranks
Return	Ramadhan	145	161.09	23357.50
	Februari	145	129.91	18837.50
	Total	290		

### Test Statistics<sup>a</sup>

Return	
Mann-Whitney U	8252.500
Wilcoxon W	18837.500
Z	-3.165
Asymp. Sig. (2-tailed)	.002

a. Grouping Variable: Periode

Lampiran 9. Hasil uji normalitas dan uji hipotesis Ramadhan – Maret

### One-Sample Kolmogorov-Smirnov Test

		Unstandardized Residual
N		145
Normal Parameters <sup>a,b</sup>	Mean	.0000000
	Std. Deviation	.15458072
Most Extreme Differences	Absolute	.134
	Positive	.090
	Negative	-.134
Test Statistic		.134
Asymp. Sig. (2-tailed)		.000 <sup>c</sup>

a. Test distribution is Normal.

b. Calculated from data.

c. Lilliefors Significance Correction.

### Ranks

	Periode	N	Mean Rank	Sum of Ranks
Return	Ramadhan	145	168.24	24395.50
	Maret	145	122.76	17799.50
	Total	290		

#### Test Statistics<sup>a</sup>

Return	
Mann-Whitney U	7214.500
Wilcoxon W	17799.500
Z	-4.619
Asymp. Sig. (2-tailed)	.000

a. Grouping Variable: Periode

Lampiran 10. Hasil uji normalitas dan hasil uji hipotesis Ramadhan – April

#### Tests of Normality

	Kolmogorov-Smirnov <sup>a</sup>			Shapiro-Wilk		
	Statistic	df	Sig.	Statistic	df	Sig.
Ramadhan	,105	145	,001	,907	145	,000
April	,159	145	,000	,755	145	,000

a. Lilliefors Significance Correction

Tests of Normality

**One-Sample Kolmogorov-Smirnov Test**

		Unstandardized Residual
N		145
Normal Parameters <sup>a,b</sup>	Mean	.0000000
	Std. Deviation	.14531866
Most Extreme Differences	Absolute	.146
	Positive	.146
	Negative	-.098
Test Statistic		.146
Asymp. Sig. (2-tailed)		.000 <sup>c</sup>

- a. Test distribution is Normal.
- b. Calculated from data.
- c. Lilliefors Significance Correction.

	Kolmogorov-Smirnov <sup>a</sup>			Shapiro-Wilk		
	Statistic	df	Sig.	Statistic	df	Sig.
Ramadhan	,105	145	,001	,907	145	,000
April	,159	145	,000	,755	145	,000

- a. Lilliefors Significance Correction

**Test Statistics<sup>a</sup>**

	Return
Mann-Whitney U	10358,000
Wilcoxon W	20943,000
Z	-.216
Asymp. Sig. (2-tailed)	,829

- a. Grouping Variable: Periode



Lampiran 11. Hasil uji normalitas dan hasil uji hipotesis Ramadhan – Mei

**One-Sample Kolmogorov-Smirnov Test**

		Unstandardized Residual
N		145
Normal Parameters <sup>a,b</sup>	Mean	.0000000
	Std. Deviation	.09935608
Most Extreme Differences	Absolute	.084
	Positive	.084
	Negative	-.037
Test Statistic		.084
Asymp. Sig. (2-tailed)		.014 <sup>c</sup>

- a. Test distribution is Normal.
- b. Calculated from data.
- c. Lilliefors Significance Correction.

Ranks				
	Periode	N	Mean Rank	Sum of Ranks
Return	Ramadhan	145	157.68	22863.50
	Mei	145	133.32	19331.50
	Total	290		

**Test Statistics<sup>a</sup>**

Return	
Mann-Whitney U	8746.500
Wilcoxon W	19331.500
Z	-2.473
Asymp. Sig. (2-tailed)	.013

- a. Grouping Variable: Periode

Lampiran 12. Hasil uji normalitas dan hasil uji hipotesis Ramadhan – Juni

**One-Sample Kolmogorov-Smirnov Test**

		Unstandardized Residual
N		145
Normal Parameters <sup>a,b</sup>	Mean	.0000000
	Std. Deviation	.09205401
Most Extreme Differences	Absolute	.060
	Positive	.060
	Negative	-.037
Test Statistic		.060
Asymp. Sig. (2-tailed)		.200 <sup>c,d</sup>

- a. Test distribution is Normal.
- b. Calculated from data.
- c. Lilliefors Significance Correction.
- d. This is a lower bound of the true significance.

**Group Statistics**

	Periode	N	Mean	Std. Deviation	Std. Error Mean
Return	Ramadhan	145	.0217669	.09031827	.00750052
	Juni	145	.0189858	.09270753	.00769894

**Independent Samples Test**

Levene's Test for Equality of Variances		t-test for Equality of Means						
F	Sig.	t	df	Sig. (2-tailed)	Mean Difference	Std. Error Difference	95% Confidence Interval of the Difference	
							Lower	Upper

Return	Equal variances assumed	1.102	.295	.259	288	.796	.0027810	.0107485	-	.0239367
							8	6	.0183746	7
	Equal variances not assumed			.259	287.804	.796	.0027810	.0107485	-	.0239368
							8	6	.0183746	3
									2	8

Lampiran 13. Hasil uji normalitas dan hasil uji hipotesis Ramadhan – Juli

**One-Sample Kolmogorov-Smirnov Test**

		Unstandardized Residual
N		145
Normal Parameters <sup>a,b</sup>	Mean	.0000000
	Std. Deviation	.10606507
Most Extreme Differences	Absolute	.092
	Positive	.092
	Negative	-.043
Test Statistic		.092
Asymp. Sig. (2-tailed)		.004 <sup>c</sup>

a. Test distribution is Normal.

b. Calculated from data.

c. Lilliefors Significance Correction.

**Ranks**

	Periode	N	Mean Rank	Sum of Ranks
Return	Ramadhan	145	141.58	20529.00
	Juli	145	149.42	21666.00
	Total	290		

**Test Statistics<sup>a</sup>**

	Return
Mann-Whitney U	9944.000
Wilcoxon W	20529.000
Z	-.796
Asymp. Sig. (2-tailed)	.426

a. Grouping Variable: Periode

Lampiran 14. Hasil uji normalitas dan hasil uji hipotesis Ramadhan – Agustus

**One-Sample Kolmogorov-Smirnov Test**

		Unstandardized Residual
N		145
Normal Parameters <sup>a,b</sup>	Mean	.0000000
	Std. Deviation	.13085395
Most Extreme Differences	Absolute	.115
	Positive	.115
	Negative	-.075
Test Statistic		.115
Asymp. Sig. (2-tailed)		.000 <sup>c</sup>

a. Test distribution is Normal.

b. Calculated from data.

c. Lilliefors Significance Correction.

**Ranks**

	Periode	N	Mean Rank	Sum of Ranks
Return	Ramadhan	145	150,10	21765,00
	Agustus	145	140,90	20430,00
	Total	290		

**Test Statistics<sup>a</sup>**

	Return
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Mann-Whitney U	9845,000
Wilcoxon W	20430,000
Z	-,935
Asymp. Sig. (2-tailed)	,350

a. Grouping Variable: Periode

Lampiran 15. Hasil uji normalitas dan hasil uji hipotesis Ramadhan – September

### One-Sample Kolmogorov-Smirnov Test

		Unstandardized Residual
N		145
Normal Parameters <sup>a,b</sup>	Mean	.0000000
	Std. Deviation	.08814109
Most Extreme Differences	Absolute	.071
	Positive	.045
	Negative	-.071
Test Statistic		.071
Asymp. Sig. (2-tailed)		.073 <sup>c</sup>

a. Test distribution is Normal.

b. Calculated from data.

c. Lilliefors Significance Correction.

### Group Statistics

	Periode	N	Mean	Std. Deviation	Std. Error Mean
Return	Ramadhan	145	.0217669	.09031827	.00750052
	September	145	-.0333784	.08859305	.00735725

### Independent Samples Test

Levene's Test for  
Equality of Variances

t-test for Equality of Means

		F	Sig.	t	df	Sig. (2-tailed)	Mean Difference	Std. Error Difference	95% Confidence Interval of the Difference	
									Lower	Upper
Return	Equal variances assumed	.343	.558	5.249	288	.000	.05514536	.01050652	.03446605	.07582466
	Equal variances not assumed			5.249	287.893	.000	.05514536	.01050652	.03446602	.07582470

Lampiran 16. Hasil uji normalitas dan hasil uji hipotesis Ramadhan – Oktober

### One-Sample Kolmogorov-Smirnov Test

		Unstandardized Residual
N		145
Normal Parameters <sup>a,b</sup>	Mean	.0000000
	Std. Deviation	.11874704
Most Extreme Differences	Absolute	.114
	Positive	.114
	Negative	-.091
Test Statistic		.114
Asymp. Sig. (2-tailed)		.000 <sup>c</sup>

a. Test distribution is Normal.

b. Calculated from data.

c. Lilliefors Significance Correction.

### Ranks

	Periode	N	Mean Rank	Sum of Ranks
Return	Ramadhan	145	152,53	22117,50
	Oktober	145	138,47	20077,50
	Total	290		

**Test Statistics<sup>a</sup>**

	Return
Mann-Whitney U	9492,500
Wilcoxon W	20077,500
Z	-1,428
Asymp. Sig. (2-tailed)	,153

a. Grouping Variable: Periode

Lampiran 17. Hasil uji normalitas dan uji hipotesis Ramadhan – November

**One-Sample Kolmogorov-Smirnov Test**

		Unstandardized Residual
N		145
Normal Parameters <sup>a,b</sup>	Mean	.0000000
	Std. Deviation	.20875057
Most Extreme Differences	Absolute	.147
	Positive	.147
	Negative	-.115
Test Statistic		.147
Asymp. Sig. (2-tailed)		.000 <sup>c</sup>

a. Test distribution is Normal.

b. Calculated from data.

c. Lilliefors Significance Correction.

**Ranks**

	Periode	N	Mean Rank	Sum of Ranks
Return	Ramadhan	145	151.14	21915.00
	November	145	139.86	20280.00
	Total	290		

### Test Statistics<sup>a</sup>

	Return
Mann-Whitney U	9695.000
Wilcoxon W	20280.000
Z	-1.145
Asymp. Sig. (2-tailed)	.252

a. Grouping Variable: Periode

Lampiran 18. Hasil uji normalitas dan uji hipotesis Ramadhan – Desember

### One-Sample Kolmogorov-Smirnov Test

		Unstandardized Residual
N		145
Normal Parameters <sup>a,b</sup>	Mean	.0000000
	Std. Deviation	.10507684
Most Extreme Differences	Absolute	.102
	Positive	.102
	Negative	-.092
Test Statistic		.102
Asymp. Sig. (2-tailed)		.001 <sup>c</sup>

a. Test distribution is Normal.

b. Calculated from data.

c. Lilliefors Significance Correction.

### Ranks

	Periode	N	Mean Rank	Sum of Ranks
Return	Ramadhan	145	140.60	20386.50
	Desember	145	150.40	21808.50
	Total	290		



**Test Statistics<sup>a</sup>**

Return	
Mann-Whitney U	9801.500
Wilcoxon W	20386.500
Z	-.996
Asymp. Sig. (2-tailed)	.319

a. Grouping Variable: Periode

Lampiran 19. Data harga saham 29 emiten saat Ramadhan tahun 2016-2020

ADRO									
2016		2017		2018		2019		2020	
Tanggal	P	Tanggal	P	Tanggal	P	Tanggal	P	Tanggal	P
6/6/2016	840	5/26/2017	1485	5/16/2018	1800	5/6/2019	1315	4/23/2020	905
6/7/2016	910	5/29/2017	1465	5/17/2018	1880	5/7/2019	1310	4/24/2020	875
6/8/2016	870	5/30/2017	1460	5/18/2018	1905	5/8/2019	1295	4/27/2020	900
6/9/2016	925	5/31/2017	1520	5/21/2018	1950	5/9/2019	1280	4/28/2020	890
6/10/2016	890	6/1/2017	1520	5/22/2018	1930	5/10/2019	1265	4/29/2020	885
6/13/2016	860	6/2/2017	1470	5/23/2018	1825	5/13/2019	1250	4/30/2020	920
6/14/2016	845	6/5/2017	1545	5/24/2018	1835	5/14/2019	1235	5/4/2020	890
6/15/2016	865	6/6/2017	1605	5/25/2018	1830	5/15/2019	1235	5/5/2020	905
6/16/2016	845	6/7/2017	1600	5/28/2018	1820	5/16/2019	1160	5/6/2020	950
6/17/2016	800	6/8/2017	1575	5/29/2018	1820	5/17/2019	1175	5/8/2020	1025
6/20/2016	845	6/9/2017	1555	5/30/2018	1830	5/20/2019	1175	5/11/2020	1030
6/21/2016	845	6/12/2017	1540	5/31/2018	1885	5/21/2019	1235	5/12/2020	1005
6/22/2016	845	6/13/2017	1600	6/1/2018	1885	5/22/2019	1235	5/13/2020	1000
6/23/2016	850	6/14/2017	1660	6/4/2018	1970	5/23/2019	1280	5/14/2020	945
6/24/2016	840	6/15/2017	1645	6/5/2018	2030	5/24/2019	1260	5/15/2020	925
6/27/2016	835	6/16/2017	1605	6/6/2018	1985	5/27/2019	1265	5/18/2020	1020
6/28/2016	855	6/19/2017	1565	6/7/2018	1990	5/28/2019	1270	5/19/2020	1005
6/29/2016	855	6/20/2017	1640	6/8/2018	1935	5/29/2019	1270	5/20/2020	980
6/30/2016	850	6/21/2017	1595	6/11/2018	1935	5/30/2019	1270		
7/1/2016	885	6/22/2017	1580	6/12/2018	1935	5/31/2019	1295		
		6/23/2017	1580	6/13/2018	1935	6/3/2019	1295		
				6/14/2018	1935				

AKRA

2016		2017		2018		2019		2020	
Tanggal	P	Tanggal	P	Tanggal	P	Tanggal	P	Tanggal	P
6/6/2016	6125	5/26/2017	6300	5/16/2018	4530	5/6/2019	4270	4/23/2020	2140
6/7/2016	6150	5/29/2017	6200	5/17/2018	4520	5/7/2019	4290	4/24/2020	2030
6/8/2016	6075	5/30/2017	6300	5/18/2018	4520	5/8/2019	4230	4/27/2020	2050
6/9/2016	6075	5/31/2017	6625	5/21/2018	4590	5/9/2019	4250	4/28/2020	2270
6/10/2016	6050	6/1/2017	6625	5/22/2018	4710	5/10/2019	4150	4/29/2020	2240
6/13/2016	6100	6/2/2017	6700	5/23/2018	4560	5/13/2019	4050	4/30/2020	2400
6/14/2016	5950	6/5/2017	6675	5/24/2018	4570	5/14/2019	4000	5/4/2020	2280
6/15/2016	5925	6/6/2017	6475	5/25/2018	4570	5/15/2019	3990	5/5/2020	2340
6/16/2016	5900	6/7/2017	6300	5/28/2018	4670	5/16/2019	3960	5/6/2020	2450
6/17/2016	5925	6/8/2017	6400	5/29/2018	4670	5/17/2019	3900	5/8/2020	2480
6/20/2016	6100	6/9/2017	6450	5/30/2018	4690	5/20/2019	3820	5/11/2020	2520
6/21/2016	6125	6/12/2017	6400	5/31/2018	4920	5/21/2019	3990	5/12/2020	2460
6/22/2016	6125	6/13/2017	6400	6/1/2018	4920	5/22/2019	4070	5/13/2020	2380
6/23/2016	6175	6/14/2017	6575	6/4/2018	4930	5/23/2019	4000	5/14/2020	2250
6/24/2016	6250	6/15/2017	6475	6/5/2018	4800	5/24/2019	4020	5/15/2020	2240
6/27/2016	6225	6/16/2017	6300	6/6/2018	4700	5/27/2019	4070	5/18/2020	2240
6/28/2016	6075	6/19/2017	6350	6/7/2018	4750	5/28/2019	4140	5/19/2020	2280
6/29/2016	6350	6/20/2017	6500	6/8/2018	4580	5/29/2019	4010	5/20/2020	2210
6/30/2016	6400	6/21/2017	6600	6/11/2018	4580	5/30/2019	4010		
7/1/2016	6425	6/22/2017	6525	6/12/2018	4580	5/31/2019	3980		
		6/23/2017	6525	6/13/2018	4580	6/3/2019	3980		
				6/14/2018	4580				

ASII									
2016		2017		2018		2019		2020	
Tanggal	P	Tanggal	P	Tanggal	P	Tanggal	P	Tanggal	P
6/6/2016	6850	5/26/2017	8750	5/16/2018	6900	5/6/2019	7425	4/23/2020	3760
6/7/2016	6850	5/29/2017	8700	5/17/2018	6725	5/7/2019	7525	4/24/2020	3630
6/8/2016	6900	5/30/2017	8675	5/18/2018	6525	5/8/2019	7400	4/27/2020	3710
6/9/2016	6875	5/31/2017	8750	5/21/2018	6525	5/9/2019	7150	4/28/2020	3740
6/10/2016	6625	6/1/2017	8750	5/22/2018	6950	5/10/2019	7175	4/29/2020	3690
6/13/2016	6575	6/2/2017	9000	5/23/2018	7000	5/13/2019	7025	4/30/2020	3850
6/14/2016	6700	6/5/2017	9000	5/24/2018	7225	5/14/2019	7000	5/4/2020	3610
6/15/2016	6725	6/6/2017	8875	5/25/2018	7250	5/15/2019	6950	5/5/2020	3610
6/16/2016	6575	6/7/2017	8900	5/28/2018	7175	5/16/2019	6775	5/6/2020	3640
6/17/2016	6600	6/8/2017	8825	5/29/2018	7175	5/17/2019	6700	5/8/2020	3740
6/20/2016	6750	6/9/2017	8650	5/30/2018	7000	5/20/2019	6900	5/11/2020	3920
6/21/2016	6750	6/12/2017	8725	5/31/2018	6900	5/21/2019	7000	5/12/2020	3820

6/22/2016	6975	6/13/2017	8800	6/1/2018	6900	5/22/2019	7000	5/13/2020	3730
6/23/2016	6950	6/14/2017	9150	6/4/2018	7000	5/23/2019	7100	5/14/2020	3570
6/24/2016	6700	6/15/2017	8900	6/5/2018	7000	5/24/2019	7175	5/15/2020	3710
6/27/2016	6625	6/16/2017	8725	6/6/2018	6975	5/27/2019	7125	5/18/2020	3910
6/28/2016	6975	6/19/2017	8725	6/7/2018	6975	5/28/2019	7075	5/19/2020	3950
6/29/2016	7200	6/20/2017	8950	6/8/2018	6900	5/29/2019	7200	5/20/2020	3970
6/30/2016	7400	6/21/2017	8900	6/11/2018	6900	5/30/2019	7200		
7/1/2016	7400	6/22/2017	8925	6/12/2018	6900	5/31/2019	7450		
		6/23/2017	8925	6/13/2018	6900	6/3/2019	7450		
				6/14/2018	6900				
ICBP									
2016		2017		2018		2019		2020	
Tanggal	P	Tanggal	P	Tanggal	P	Tanggal	P	Tanggal	P
6/6/2016	8150	5/26/2017	8800	5/16/2018	8300	5/6/2019	9600	4/23/2020	10150
6/7/2016	8375	5/29/2017	8825	5/17/2018	8175	5/7/2019	9700	4/24/2020	9900
6/8/2016	8350	5/30/2017	8675	5/18/2018	8000	5/8/2019	9700	4/27/2020	9925
6/9/2016	8200	5/31/2017	8700	5/21/2018	8000	5/9/2019	9675	4/28/2020	10025
6/10/2016	8162.5	6/1/2017	8700	5/22/2018	8100	5/10/2019	9825	4/29/2020	10000
6/13/2016	8075	6/2/2017	8700	5/23/2018	8025	5/13/2019	9625	4/30/2020	9875
6/14/2016	8350	6/5/2017	8800	5/24/2018	8250	5/14/2019	9650	5/4/2020	9700
6/15/2016	8287.5	6/6/2017	8750	5/25/2018	8300	5/15/2019	9525	5/5/2020	9750
6/16/2016	8350	6/7/2017	8725	5/28/2018	8625	5/16/2019	9500	5/6/2020	9675
6/17/2016	8500	6/8/2017	8475	5/29/2018	8625	5/17/2019	9300	5/8/2020	9625
6/20/2016	8587.5	6/9/2017	8400	5/30/2018	8500	5/20/2019	9375	5/11/2020	9750
6/21/2016	8525	6/12/2017	8475	5/31/2018	8700	5/21/2019	9625	5/12/2020	9750
6/22/2016	8737.5	6/13/2017	8500	6/1/2018	8700	5/22/2019	9500	5/13/2020	9650
6/23/2016	8575	6/14/2017	8750	6/4/2018	8675	5/23/2019	9725	5/14/2020	9725
6/24/2016	8525	6/15/2017	8750	6/5/2018	8775	5/24/2019	9700	5/15/2020	9700
6/27/2016	8625	6/16/2017	8750	6/6/2018	8850	5/27/2019	9775	5/18/2020	9725
6/28/2016	8650	6/19/2017	8675	6/7/2018	9000	5/28/2019	9725	5/19/2020	9900
6/29/2016	8500	6/20/2017	8775	6/8/2018	8850	5/29/2019	9725	5/20/2020	9600
6/30/2016	8612.5	6/21/2017	8800	6/11/2018	8850	5/30/2019	9725		
7/1/2016	8475	6/22/2017	8800	6/12/2018	8850	5/31/2019	9800		
		6/23/2017	8800	6/13/2018	8850	6/3/2019	9800		
				6/14/2018	8850				

INCO

2016		2017		2018		2019		2020	
Tanggal	P	Tanggal	P	Tanggal	P	Tanggal	P	Tanggal	P
6/6/2016	1715	5/26/2017	1890	5/16/2018	3490	5/6/2019	2900	4/23/2020	2390
6/7/2016	1785	5/29/2017	1875	5/17/2018	3570	5/7/2019	2950	4/24/2020	2350
6/8/2016	1760	5/30/2017	1865	5/18/2018	3690	5/8/2019	2910	4/27/2020	2390
6/9/2016	1845	5/31/2017	1905	5/21/2018	3810	5/9/2019	2860	4/28/2020	2350
6/10/2016	1815	6/1/2017	1905	5/22/2018	3690	5/10/2019	2850	4/29/2020	2380
6/13/2016	1755	6/2/2017	1880	5/23/2018	3650	5/13/2019	2750	4/30/2020	2570
6/14/2016	1735	6/5/2017	1865	5/24/2018	3750	5/14/2019	2690	5/4/2020	2650
6/15/2016	1750	6/6/2017	1850	5/25/2018	3840	5/15/2019	2620	5/5/2020	2700
6/16/2016	1755	6/7/2017	1880	5/28/2018	3750	5/16/2019	2550	5/6/2020	2830
6/17/2016	1760	6/8/2017	1865	5/29/2018	3750	5/17/2019	2470	5/8/2020	3090
6/20/2016	1835	6/9/2017	1870	5/30/2018	3770	5/20/2019	2470	5/11/2020	3000
6/21/2016	1815	6/12/2017	1890	5/31/2018	3860	5/21/2019	2540	5/12/2020	2930
6/22/2016	1775	6/13/2017	1965	6/1/2018	3860	5/22/2019	2600	5/13/2020	2970
6/23/2016	1765	6/14/2017	1955	6/4/2018	3920	5/23/2019	2620	5/14/2020	2990
6/24/2016	1730	6/15/2017	1980	6/5/2018	4030	5/24/2019	2690	5/15/2020	2890
6/27/2016	1750	6/16/2017	1895	6/6/2018	4250	5/27/2019	2750	5/18/2020	2900
6/28/2016	1710	6/19/2017	1895	6/7/2018	4170	5/28/2019	2700	5/19/2020	2950
6/29/2016	1805	6/20/2017	1895	6/8/2018	4220	5/29/2019	2680	5/20/2020	2960
6/30/2016	1820	6/21/2017	1885	6/11/2018	4220	5/30/2019	2680		
7/1/2016	1815	6/22/2017	1850	6/12/2018	4220	5/31/2019	2700		
		6/23/2017	1850	6/13/2018	4220	6/3/2019	2700		
				6/14/2018	4220				

INDF									
2016		2017		2018		2019		2020	
Tanggal	P	Tanggal	P	Tanggal	P	Tanggal	P	Tanggal	P
6/6/2016	7325	5/26/2017	8750	5/16/2018	6425	5/6/2019	6775	4/23/2020	6525
6/7/2016	7350	5/29/2017	8850	5/17/2018	6300	5/7/2019	6850	4/24/2020	6325
6/8/2016	7325	5/30/2017	8775	5/18/2018	6375	5/8/2019	6750	4/27/2020	6300
6/9/2016	7200	5/31/2017	8750	5/21/2018	6300	5/9/2019	6625	4/28/2020	6475
6/10/2016	7300	6/1/2017	8750	5/22/2018	6550	5/10/2019	6650	4/29/2020	6675
6/13/2016	7150	6/2/2017	8825	5/23/2018	6800	5/13/2019	6400	4/30/2020	6525
6/14/2016	7150	6/5/2017	8875	5/24/2018	6975	5/14/2019	6375	5/4/2020	6600
6/15/2016	7175	6/6/2017	8875	5/25/2018	7025	5/15/2019	6250	5/5/2020	6525
6/16/2016	7050	6/7/2017	8925	5/28/2018	7075	5/16/2019	6100	5/6/2020	6500

6/17/2016	7050	6/8/2017	8600	5/29/2018	7075	5/17/2019	6000	5/8/2020	6625
6/20/2016	7050	6/9/2017	8500	5/30/2018	7025	5/20/2019	6225	5/11/2020	6525
6/21/2016	7000	6/12/2017	8475	5/31/2018	7075	5/21/2019	6250	5/12/2020	6325
6/22/2016	7100	6/13/2017	8475	6/1/2018	7075	5/22/2019	6250	5/13/2020	6325
6/23/2016	7000	6/14/2017	8550	6/4/2018	7025	5/23/2019	6400	5/14/2020	6575
6/24/2016	7050	6/15/2017	8500	6/5/2018	7200	5/24/2019	6300	5/15/2020	6575
6/27/2016	7000	6/16/2017	8325	6/6/2018	6975	5/27/2019	6525	5/18/2020	6500
6/28/2016	7175	6/19/2017	8325	6/7/2018	7100	5/28/2019	6400	5/19/2020	6750
6/29/2016	7225	6/20/2017	8500	6/8/2018	6950	5/29/2019	6350	5/20/2020	6425
6/30/2016	7250	6/21/2017	8500	6/11/2018	6950	5/30/2019	6350		
7/1/2016	7025	6/22/2017	8600	6/12/2018	6950	5/31/2019	6600		
		6/23/2017	8600	6/13/2018	6950	6/3/2019	6600		
				6/14/2018	6950				

KLBF									
2016		2017		2018		2019		2020	
Tanggal	P	Tanggal	P	Tanggal	P	Tanggal	P	Tanggal	P
6/6/2016	1460	5/26/2017	1505	5/16/2018	1340	5/6/2019	1475	4/23/2020	1265
6/7/2016	1465	5/29/2017	1530	5/17/2018	1320	5/7/2019	1500	4/24/2020	1255
6/8/2016	1450	5/30/2017	1525	5/18/2018	1270	5/8/2019	1500	4/27/2020	1330
6/9/2016	1430	5/31/2017	1540	5/21/2018	1290	5/9/2019	1460	4/28/2020	1445
6/10/2016	1420	6/1/2017	1540	5/22/2018	1320	5/10/2019	1445	4/29/2020	1470
6/13/2016	1400	6/2/2017	1550	5/23/2018	1285	5/13/2019	1440	4/30/2020	1440
6/14/2016	1400	6/5/2017	1555	5/24/2018	1320	5/14/2019	1390	5/4/2020	1380
6/15/2016	1425	6/6/2017	1555	5/25/2018	1370	5/15/2019	1350	5/5/2020	1360
6/16/2016	1410	6/7/2017	1560	5/28/2018	1405	5/16/2019	1295	5/6/2020	1405
6/17/2016	1425	6/8/2017	1570	5/29/2018	1405	5/17/2019	1260	5/8/2020	1400
6/20/2016	1425	6/9/2017	1550	5/30/2018	1370	5/20/2019	1330	5/11/2020	1385
6/21/2016	1390	6/12/2017	1535	5/31/2018	1370	5/21/2019	1340	5/12/2020	1385
6/22/2016	1405	6/13/2017	1550	6/1/2018	1370	5/22/2019	1325	5/13/2020	1400
6/23/2016	1400	6/14/2017	1565	6/4/2018	1365	5/23/2019	1340	5/14/2020	1400
6/24/2016	1385	6/15/2017	1570	6/5/2018	1415	5/24/2019	1345	5/15/2020	1400
6/27/2016	1385	6/16/2017	1575	6/6/2018	1410	5/27/2019	1345	5/18/2020	1400
6/28/2016	1405	6/19/2017	1590	6/7/2018	1465	5/28/2019	1360	5/19/2020	1390
6/29/2016	1485	6/20/2017	1605	6/8/2018	1360	5/29/2019	1355	5/20/2020	1340
6/30/2016	1530	6/21/2017	1625	6/11/2018	1360	5/30/2019	1355		
7/1/2016	1515	6/22/2017	1625	6/12/2018	1360	5/31/2019	1405		

		6/23/2017	1625	6/13/2018	1360	6/3/2019	1405		
				6/14/2018	1360				

PTBA									
2016		2017		2018		2019		2020	
Tanggal	P	Tanggal	P	Tanggal	P	Tanggal	P	Tanggal	P
6/6/2016	1480	5/26/2017	2150	5/16/2018	3500	5/6/2019	3790	4/23/2020	1890
6/7/2016	1565	5/29/2017	2145	5/17/2018	3550	5/7/2019	3400	4/24/2020	1850
6/8/2016	1530	5/30/2017	2130	5/18/2018	3690	5/8/2019	3190	4/27/2020	1825
6/9/2016	1595	5/31/2017	2180	5/21/2018	3830	5/9/2019	3110	4/28/2020	1780
6/10/2016	1560	6/1/2017	2180	5/22/2018	3790	5/10/2019	3080	4/29/2020	1790
6/13/2016	1525	6/2/2017	2160	5/23/2018	3770	5/13/2019	2940	4/30/2020	1875
6/14/2016	1480	6/5/2017	2165	5/24/2018	3760	5/14/2019	3050	5/4/2020	1815
6/15/2016	1525	6/6/2017	2210	5/25/2018	3750	5/15/2019	2900	5/5/2020	1815
6/16/2016	1485	6/7/2017	2275	5/28/2018	3660	5/16/2019	2810	5/6/2020	1895
6/17/2016	1505	6/8/2017	2240	5/29/2018	3660	5/17/2019	2750	5/8/2020	2060
6/20/2016	1600	6/9/2017	2250	5/30/2018	3780	5/20/2019	2810	5/11/2020	2050
6/21/2016	1640	6/12/2017	2210	5/31/2018	3800	5/21/2019	2810	5/12/2020	1990
6/22/2016	1610	6/13/2017	2240	6/1/2018	3800	5/22/2019	2850	5/13/2020	1905
6/23/2016	1590	6/14/2017	2310	6/4/2018	3960	5/23/2019	2880	5/14/2020	1865
6/24/2016	1565	6/15/2017	2280	6/5/2018	4000	5/24/2019	2880	5/15/2020	1815
6/27/2016	1550	6/16/2017	2280	6/6/2018	3910	5/27/2019	2880	5/18/2020	1900
6/28/2016	1535	6/19/2017	2285	6/7/2018	3940	5/28/2019	3000	5/19/2020	1915
6/29/2016	1555	6/20/2017	2370	6/8/2018	4070	5/29/2019	3000	5/20/2020	1920
6/30/2016	1540	6/21/2017	2370	6/11/2018	4070	5/30/2019	3000		
7/1/2016	1580	6/22/2017	2390	6/12/2018	4070	5/31/2019	3060		
		6/23/2017	2390	6/13/2018	4070	6/3/2019	3060		
				6/14/2018	4070				

SMGR									
2016		2017		2018		2019		2020	
Tanggal	P	Tanggal	P	Tanggal	P	Tanggal	P	Tanggal	P
6/6/2016	9225	5/26/2017	9250	5/16/2018	8700	5/6/2019	11150	4/23/2020	6900
6/7/2016	9325	5/29/2017	9350	5/17/2018	8700	5/7/2019	11900	4/24/2020	6700
6/8/2016	9225	5/30/2017	9200	5/18/2018	8700	5/8/2019	11325	4/27/2020	7150

6/9/2016	9000	5/31/2017	9450	5/21/2018	8350	5/9/2019	10900	4/28/2020	6950
6/10/2016	8875	6/1/2017	9450	5/22/2018	8375	5/10/2019	11150	4/29/2020	7350
6/13/2016	8850	6/2/2017	9325	5/23/2018	8300	5/13/2019	10475	4/30/2020	7950
6/14/2016	8800	6/5/2017	9300	5/24/2018	8525	5/14/2019	10675	5/4/2020	7525
6/15/2016	8900	6/6/2017	9300	5/25/2018	8775	5/15/2019	10550	5/5/2020	7500
6/16/2016	8800	6/7/2017	9200	5/28/2018	8750	5/16/2019	10700	5/6/2020	7450
6/17/2016	9050	6/8/2017	9025	5/29/2018	8750	5/17/2019	10550	5/8/2020	7450
6/20/2016	9125	6/9/2017	9375	5/30/2018	8400	5/20/2019	11250	5/11/2020	8000
6/21/2016	9050	6/12/2017	9650	5/31/2018	8400	5/21/2019	10825	5/12/2020	8100
6/22/2016	8975	6/13/2017	9675	6/1/2018	8400	5/22/2019	10825	5/13/2020	8225
6/23/2016	8975	6/14/2017	9850	6/4/2018	8675	5/23/2019	10900	5/14/2020	8575
6/24/2016	8850	6/15/2017	10075	6/5/2018	8800	5/24/2019	10800	5/15/2020	8525
6/27/2016	8800	6/16/2017	9850	6/6/2018	8700	5/27/2019	11375	5/18/2020	8600
6/28/2016	8825	6/19/2017	10150	6/7/2018	8725	5/28/2019	11050	5/19/2020	8500
6/29/2016	9175	6/20/2017	10200	6/8/2018	8275	5/29/2019	11200	5/20/2020	8525
6/30/2016	9350	6/21/2017	10200	6/11/2018	8275	5/30/2019	11200		
7/1/2016	9250	6/22/2017	10000	6/12/2018	8275	5/31/2019	11550		
		6/23/2017	10000	6/13/2018	8275	6/3/2019	11550		
				6/14/2018	8275				

TLKM									
2016		2017		2018		2019		2020	
Tanggal	P	Tanggal	P	Tanggal	P	Tanggal	P	Tanggal	P
6/6/2016	3880	5/26/2017	4470	5/16/2018	3480	5/6/2019	3840	4/23/2020	3070
6/7/2016	3910	5/29/2017	4390	5/17/2018	3490	5/7/2019	3900	4/24/2020	3090
6/8/2016	3790	5/30/2017	4330	5/18/2018	3490	5/8/2019	3900	4/27/2020	3150
6/9/2016	3770	5/31/2017	4350	5/21/2018	3420	5/9/2019	3800	4/28/2020	3160
6/10/2016	3750	6/1/2017	4350	5/22/2018	3470	5/10/2019	3790	4/29/2020	3350
6/13/2016	3760	6/2/2017	4380	5/23/2018	3470	5/13/2019	3770	4/30/2020	3500
6/14/2016	3770	6/5/2017	4340	5/24/2018	3560	5/14/2019	3760	5/4/2020	3320
6/15/2016	3810	6/6/2017	4310	5/25/2018	3560	5/15/2019	3660	5/5/2020	3320
6/16/2016	3880	6/7/2017	4320	5/28/2018	3690	5/16/2019	3600	5/6/2020	3240
6/17/2016	3890	6/8/2017	4300	5/29/2018	3690	5/17/2019	3510	5/8/2020	3190
6/20/2016	3850	6/9/2017	4330	5/30/2018	3600	5/20/2019	3600	5/11/2020	3220
6/21/2016	3870	6/12/2017	4330	5/31/2018	3520	5/21/2019	3600	5/12/2020	3150
6/22/2016	3870	6/13/2017	4360	6/1/2018	3520	5/22/2019	3540	5/13/2020	3160
6/23/2016	3860	6/14/2017	4360	6/4/2018	3640	5/23/2019	3660	5/14/2020	3070

6/24/2016	3820	6/15/2017	4360	6/5/2018	3830	5/24/2019	3750	5/15/2020	3100
6/27/2016	3840	6/16/2017	4370	6/6/2018	3790	5/27/2019	3820	5/18/2020	3220
6/28/2016	3820	6/19/2017	4400	6/7/2018	3770	5/28/2019	3690	5/19/2020	3270
6/29/2016	3970	6/20/2017	4490	6/8/2018	3610	5/29/2019	3780	5/20/2020	3180
6/30/2016	3980	6/21/2017	4520	6/11/2018	3610	5/30/2019	3780		
7/1/2016	3970	6/22/2017	4520	6/12/2018	3610	5/31/2019	3900		
		6/23/2017	4520	6/13/2018	3610	6/3/2019	3900		
				6/14/2018	3610				

UNTR									
2016		2017		2018		2019		2020	
Tanggal	P	Tanggal	P	Tanggal	P	Tanggal	P	Tanggal	P
6/6/2016	14350	5/26/2017	24575	5/16/2018	34775	5/6/2019	26925	4/23/2020	16200
6/7/2016	14300	5/29/2017	26025	5/17/2018	36275	5/7/2019	27150	4/24/2020	16225
6/8/2016	14500	5/30/2017	27075	5/18/2018	35825	5/8/2019	27150	4/27/2020	16400
6/9/2016	14150	5/31/2017	27775	5/21/2018	35300	5/9/2019	26100	4/28/2020	15550
6/10/2016	14025	6/1/2017	27775	5/22/2018	35975	5/10/2019	26250	4/29/2020	15600
6/13/2016	13850	6/2/2017	26550	5/23/2018	36425	5/13/2019	25525	4/30/2020	16300
6/14/2016	13875	6/5/2017	26550	5/24/2018	36950	5/14/2019	25525	5/4/2020	15525
6/15/2016	14050	6/6/2017	26950	5/25/2018	37500	5/15/2019	25350	5/5/2020	15200
6/16/2016	13675	6/7/2017	27150	5/28/2018	36100	5/16/2019	24850	5/6/2020	15300
6/17/2016	14000	6/8/2017	27200	5/29/2018	36100	5/17/2019	24825	5/8/2020	15825
6/20/2016	13800	6/9/2017	26500	5/30/2018	36800	5/20/2019	24500	5/11/2020	15725
6/21/2016	13375	6/12/2017	27075	5/31/2018	35050	5/21/2019	24725	5/12/2020	15500
6/22/2016	13850	6/13/2017	27325	6/1/2018	35050	5/22/2019	24400	5/13/2020	15275
6/23/2016	14025	6/14/2017	27700	6/4/2018	35750	5/23/2019	25550	5/14/2020	15000
6/24/2016	14075	6/15/2017	27475	6/5/2018	36500	5/24/2019	25100	5/15/2020	14250
6/27/2016	14900	6/16/2017	26500	6/6/2018	35475	5/27/2019	24850	5/18/2020	14150
6/28/2016	14875	6/19/2017	26450	6/7/2018	36175	5/28/2019	24300	5/19/2020	14500
6/29/2016	15125	6/20/2017	27000	6/8/2018	34800	5/29/2019	24875	5/20/2020	14600
6/30/2016	14800	6/21/2017	27200	6/11/2018	34800	5/30/2019	24875		
7/1/2016	14800	6/22/2017	27450	6/12/2018	34800	5/31/2019	25350		
		6/23/2017	27450	6/13/2018	34800	6/3/2019	25350		
				6/14/2018	34800				



UNVR									
2016		2017		2018		2019		2020	
Tanggal	P	Tanggal	P	Tanggal	P	Tanggal	P	Tanggal	P
6/6/2016	8640	5/26/2017	9540	5/16/2018	9150	5/6/2019	9065	4/23/2020	7500
6/7/2016	8730	5/29/2017	9465	5/17/2018	9100	5/7/2019	8900	4/24/2020	7500
6/8/2016	8760	5/30/2017	9200	5/18/2018	9235	5/8/2019	8960	4/27/2020	7500
6/9/2016	8650	5/31/2017	9235	5/21/2018	9240	5/9/2019	8610	4/28/2020	7850
6/10/2016	8600	6/1/2017	9235	5/22/2018	9240	5/10/2019	8840	4/29/2020	8000
6/13/2016	8600	6/2/2017	9380	5/23/2018	9280	5/13/2019	8720	4/30/2020	8275
6/14/2016	8700	6/5/2017	9435	5/24/2018	9620	5/14/2019	8570	5/4/2020	7925
6/15/2016	8760	6/6/2017	9365	5/25/2018	9360	5/15/2019	8400	5/5/2020	8300
6/16/2016	8715	6/7/2017	9440	5/28/2018	9420	5/16/2019	8360	5/6/2020	8100
6/17/2016	8715	6/8/2017	9510	5/29/2018	9420	5/17/2019	8320	5/8/2020	8050
6/20/2016	8720	6/9/2017	9510	5/30/2018	9310	5/20/2019	8460	5/11/2020	8075
6/21/2016	8760	6/12/2017	9440	5/31/2018	9120	5/21/2019	8475	5/12/2020	8175
6/22/2016	8680	6/13/2017	9580	6/1/2018	9120	5/22/2019	8415	5/13/2020	8250
6/23/2016	8680	6/14/2017	9700	6/4/2018	9080	5/23/2019	8620	5/14/2020	8300
6/24/2016	8700	6/15/2017	9770	6/5/2018	9360	5/24/2019	8705	5/15/2020	8575
6/27/2016	8615	6/16/2017	9560	6/6/2018	9240	5/27/2019	8640	5/18/2020	8475
6/28/2016	8720	6/19/2017	9520	6/7/2018	9240	5/28/2019	8500	5/19/2020	8250
6/29/2016	9000	6/20/2017	9650	6/8/2018	9080	5/29/2019	8700	5/20/2020	8050
6/30/2016	9015	6/21/2017	9800	6/11/2018	9080	5/30/2019	8700		
7/1/2016	8760	6/22/2017	9760	6/12/2018	9080	5/31/2019	8900		
		6/23/2017	9760	6/13/2018	9080	6/3/2019	8900		
				6/14/2018	9080				

WIKI									
2016		2017		2018		2019		2020	
Tanggal	P	Tanggal	P	Tanggal	P	Tanggal	P	Tanggal	P
6/6/2016	2491.137	5/26/2017	2320	5/16/2018	1465	5/6/2019	2280	4/23/2020	920
6/7/2016	2444.834	5/29/2017	2280	5/17/2018	1560	5/7/2019	2310	4/24/2020	865
6/8/2016	2454.094	5/30/2017	2260	5/18/2018	1525	5/8/2019	2280	4/27/2020	835
6/9/2016	2500.398	5/31/2017	2290	5/21/2018	1590	5/9/2019	2200	4/28/2020	875
6/10/2016	2454.094	6/1/2017	2290	5/22/2018	1605	5/10/2019	2200	4/29/2020	875
6/13/2016	2481.877	6/2/2017	2280	5/23/2018	1630	5/13/2019	2060	4/30/2020	950
6/14/2016	2500.398	6/5/2017	2250	5/24/2018	1680	5/14/2019	2040	5/4/2020	895
6/15/2016	2602.266	6/6/2017	2200	5/25/2018	1650	5/15/2019	1930	5/5/2020	940

6/16/2016	2593.006	6/7/2017	2230	5/28/2018	1655	5/16/2019	1850	5/6/2020	935
6/17/2016	2630.049	6/8/2017	2210	5/29/2018	1655	5/17/2019	1930	5/8/2020	935
6/20/2016	2685.613	6/9/2017	2210	5/30/2018	1670	5/20/2019	1985	5/11/2020	985
6/21/2016	2731.917	6/12/2017	2210	5/31/2018	1670	5/21/2019	2080	5/12/2020	950
6/22/2016	2731.917	6/13/2017	2200	6/1/2018	1670	5/22/2019	2050	5/13/2020	950
6/23/2016	2648.57	6/14/2017	2260	6/4/2018	1650	5/23/2019	2110	5/14/2020	905
6/24/2016	2648.57	6/15/2017	2260	6/5/2018	1655	5/24/2019	2100	5/15/2020	905
6/27/2016	2694.874	6/16/2017	2230	6/6/2018	1615	5/27/2019	2190	5/18/2020	910
6/28/2016	2731.917	6/19/2017	2200	6/7/2018	1645	5/28/2019	2200	5/19/2020	965
6/29/2016	2741.177	6/20/2017	2220	6/8/2018	1620	5/29/2019	2260	5/20/2020	960
6/30/2016	2741.177	6/21/2017	2240	6/11/2018	1620	5/30/2019	2260		
7/1/2016	2667.091	6/22/2017	2210	6/12/2018	1620	5/31/2019	2270		
		6/23/2017	2210	6/13/2018	1620	6/3/2019	2270		
				6/14/2018	1620				

BSDE									
2016		2017		2018		2019		2020	
Tanggal	P	Tanggal	P	Tanggal	P	Tanggal	P	Tanggal	P
6/6/2016	1870	5/26/2017	1820	5/16/2018	1645	5/6/2019	1265	4/23/2020	685
6/7/2016	1875	5/29/2017	1800	5/17/2018	1625	5/7/2019	1290	4/24/2020	660
6/8/2016	1880	5/30/2017	1790	5/18/2018	1610	5/8/2019	1280	4/27/2020	690
6/9/2016	1850	5/31/2017	1810	5/21/2018	1560	5/9/2019	1265	4/28/2020	690
6/10/2016	1855	6/1/2017	1810	5/22/2018	1565	5/10/2019	1250	4/29/2020	690
6/13/2016	1830	6/2/2017	1800	5/23/2018	1580	5/13/2019	1205	4/30/2020	705
6/14/2016	1835	6/5/2017	1810	5/24/2018	1660	5/14/2019	1215	5/4/2020	680
6/15/2016	1865	6/6/2017	1780	5/25/2018	1720	5/15/2019	1210	5/5/2020	675
6/16/2016	1855	6/7/2017	1800	5/28/2018	1750	5/16/2019	1185	5/6/2020	670
6/17/2016	1965	6/8/2017	1800	5/29/2018	1750	5/17/2019	1150	5/8/2020	665
6/20/2016	1970	6/9/2017	1800	5/30/2018	1705	5/20/2019	1185	5/11/2020	665
6/21/2016	2090	6/12/2017	1765	5/31/2018	1705	5/21/2019	1210	5/12/2020	625
6/22/2016	2080	6/13/2017	1800	6/1/2018	1705	5/22/2019	1215	5/13/2020	605
6/23/2016	2020	6/14/2017	1840	6/4/2018	1700	5/23/2019	1275	5/14/2020	625
6/24/2016	2040	6/15/2017	1800	6/5/2018	1730	5/24/2019	1275	5/15/2020	605
6/27/2016	2100	6/16/2017	1780	6/6/2018	1750	5/27/2019	1300	5/18/2020	605
6/28/2016	2080	6/19/2017	1815	6/7/2018	1750	5/28/2019	1275	5/19/2020	625
6/29/2016	2100	6/20/2017	1815	6/8/2018	1720	5/29/2019	1310	5/20/2020	605
6/30/2016	2110	6/21/2017	1805	6/11/2018	1720	5/30/2019	1310		

7/1/2016	2090	6/22/2017	1830	6/12/2018	1720	5/31/2019	1350		
		6/23/2017	1830	6/13/2018	1720	6/3/2019	1350		
				6/14/2018	1720				

INTP									
2016		2017		2018		2019		2020	
Tanggal	P	Tanggal	P	Tanggal	P	Tanggal	P	Tanggal	P
6/6/2016	16500	5/26/2017	18600	5/16/2018	18500	5/6/2019	20300	4/23/2020	10975
6/7/2016	16600	5/29/2017	18600	5/17/2018	17100	5/7/2019	20725	4/24/2020	10575
6/8/2016	16600	5/30/2017	18775	5/18/2018	16700	5/8/2019	20800	4/27/2020	10500
6/9/2016	16400	5/31/2017	18500	5/21/2018	17250	5/9/2019	19525	4/28/2020	10550
6/10/2016	16375	6/1/2017	18500	5/22/2018	16925	5/10/2019	19450	4/29/2020	11050
6/13/2016	16025	6/2/2017	18500	5/23/2018	16900	5/13/2019	19100	4/30/2020	11650
6/14/2016	16150	6/5/2017	18700	5/24/2018	17750	5/14/2019	19575	5/4/2020	10850
6/15/2016	16100	6/6/2017	17950	5/25/2018	18450	5/15/2019	19025	5/5/2020	10775
6/16/2016	15700	6/7/2017	17975	5/28/2018	18475	5/16/2019	18675	5/6/2020	10600
6/17/2016	16100	6/8/2017	17800	5/29/2018	18475	5/17/2019	17800	5/8/2020	10600
6/20/2016	16125	6/9/2017	17900	5/30/2018	17975	5/20/2019	18075	5/11/2020	11400
6/21/2016	16150	6/12/2017	17950	5/31/2018	17625	5/21/2019	18525	5/12/2020	11550
6/22/2016	16050	6/13/2017	17850	6/1/2018	17625	5/22/2019	18600	5/13/2020	10800
6/23/2016	16100	6/14/2017	18150	6/4/2018	17200	5/23/2019	19325	5/14/2020	10800
6/24/2016	15850	6/15/2017	18100	6/5/2018	17650	5/24/2019	19200	5/15/2020	10650
6/27/2016	16250	6/16/2017	18150	6/6/2018	17100	5/27/2019	19975	5/18/2020	10800
6/28/2016	16025	6/19/2017	18250	6/7/2018	16925	5/28/2019	20325	5/19/2020	10700
6/29/2016	16500	6/20/2017	18675	6/8/2018	16125	5/29/2019	20250	5/20/2020	10775
6/30/2016	16875	6/21/2017	18700	6/11/2018	16125	5/30/2019	20250		
7/1/2016	16425	6/22/2017	18450	6/12/2018	16125	5/31/2019	21200		
		6/23/2017	18450	6/13/2018	16125	6/3/2019	21200		
				6/14/2018	16125				

LPPF									
2016		2017		2018		2019		2020	
Tanggal	P	Tanggal	P	Tanggal	P	Tanggal	P	Tanggal	P
6/6/2016	19250	5/26/2017	14250	5/16/2018	8950	5/6/2019	4090	4/23/2020	1360
6/7/2016	19250	5/29/2017	14450	5/17/2018	8725	5/7/2019	4040	4/24/2020	1265

6/8/2016	18775	5/30/2017	14600	5/18/2018	8800	5/8/2019	3840	4/27/2020	1235
6/9/2016	18900	5/31/2017	15100	5/21/2018	8975	5/9/2019	3860	4/28/2020	1245
6/10/2016	19125	6/1/2017	15100	5/22/2018	8950	5/10/2019	3830	4/29/2020	1195
6/13/2016	18800	6/2/2017	15200	5/23/2018	8800	5/13/2019	3860	4/30/2020	1220
6/14/2016	18750	6/5/2017	14800	5/24/2018	9400	5/14/2019	3710	5/4/2020	1150
6/15/2016	18950	6/6/2017	14800	5/25/2018	9400	5/15/2019	3650	5/5/2020	1290
6/16/2016	19000	6/7/2017	14525	5/28/2018	9900	5/16/2019	3630	5/6/2020	1220
6/17/2016	19250	6/8/2017	14525	5/29/2018	9900	5/17/2019	3670	5/8/2020	1250
6/20/2016	19525	6/9/2017	14600	5/30/2018	9150	5/20/2019	3720	5/11/2020	1525
6/21/2016	19925	6/12/2017	14575	5/31/2018	9150	5/21/2019	3760	5/12/2020	1530
6/22/2016	20100	6/13/2017	14675	6/1/2018	9150	5/22/2019	3680	5/13/2020	1425
6/23/2016	19625	6/14/2017	14675	6/4/2018	9000	5/23/2019	3750	5/14/2020	1330
6/24/2016	20000	6/15/2017	14825	6/5/2018	9000	5/24/2019	3780	5/15/2020	1255
6/27/2016	20000	6/16/2017	14500	6/6/2018	8850	5/27/2019	3760	5/18/2020	1380
6/28/2016	19500	6/19/2017	14525	6/7/2018	8925	5/28/2019	3720	5/19/2020	1330
6/29/2016	20150	6/20/2017	14550	6/8/2018	9000	5/29/2019	3750	5/20/2020	1355
6/30/2016	20000	6/21/2017	14250	6/11/2018	9000	5/30/2019	3750		
7/1/2016	19750	6/22/2017	14175	6/12/2018	9000	5/31/2019	3750		
		6/23/2017	14175	6/13/2018	9000	6/3/2019	3750		
				6/14/2018	9000				

PGAS									
2016		2017		2018		2019		2020	
Tanggal	P	Tanggal	P	Tanggal	P	Tanggal	P	Tanggal	P
6/6/2016	2520	5/26/2017	2540	5/16/2018	1925	5/6/2019	2190	4/23/2020	770
6/7/2016	2530	5/29/2017	2540	5/17/2018	1905	5/7/2019	2240	4/24/2020	770
6/8/2016	2520	5/30/2017	2450	5/18/2018	1980	5/8/2019	2170	4/27/2020	785
6/9/2016	2480	5/31/2017	2400	5/21/2018	1935	5/9/2019	2040	4/28/2020	780
6/10/2016	2520	6/1/2017	2400	5/22/2018	1905	5/10/2019	2020	4/29/2020	790
6/13/2016	2480	6/2/2017	2410	5/23/2018	1880	5/13/2019	1980	4/30/2020	855
6/14/2016	2370	6/5/2017	2430	5/24/2018	2170	5/14/2019	2010	5/4/2020	820
6/15/2016	2390	6/6/2017	2390	5/25/2018	2080	5/15/2019	1975	5/5/2020	815
6/16/2016	2380	6/7/2017	2390	5/28/2018	2230	5/16/2019	1900	5/6/2020	815
6/17/2016	2380	6/8/2017	2380	5/29/2018	2230	5/17/2019	1865	5/8/2020	860
6/20/2016	2400	6/9/2017	2340	5/30/2018	2130	5/20/2019	1890	5/11/2020	895
6/21/2016	2370	6/12/2017	2350	5/31/2018	2070	5/21/2019	1925	5/12/2020	855
6/22/2016	2420	6/13/2017	2360	6/1/2018	2070	5/22/2019	1925	5/13/2020	855

6/23/2016	2380	6/14/2017	2430	6/4/2018	2190	5/23/2019	1980	5/14/2020	810
6/24/2016	2380	6/15/2017	2400	6/5/2018	2250	5/24/2019	1955	5/15/2020	790
6/27/2016	2340	6/16/2017	2410	6/6/2018	2180	5/27/2019	2030	5/18/2020	835
6/28/2016	2320	6/19/2017	2400	6/7/2018	2200	5/28/2019	1955	5/19/2020	840
6/29/2016	2320	6/20/2017	2300	6/8/2018	2080	5/29/2019	2010	5/20/2020	830
6/30/2016	2340	6/21/2017	2290	6/11/2018	2080	5/30/2019	2010		
7/1/2016	2340	6/22/2017	2250	6/12/2018	2080	5/31/2019	2060		
		6/23/2017	2250	6/13/2018	2080	6/3/2019	2060		
				6/14/2018	2080				

PTPP									
2016		2017		2018		2019		2020	
Tanggal	P	Tanggal	P	Tanggal	P	Tanggal	P	Tanggal	P
6/6/2016	3611.807	5/26/2017	3200	5/16/2018	2250	5/6/2019	2150	4/23/2020	635
6/7/2016	3621.312	5/29/2017	3130	5/17/2018	2340	5/7/2019	2180	4/24/2020	600
6/8/2016	3573.788	5/30/2017	3080	5/18/2018	2330	5/8/2019	2150	4/27/2020	605
6/9/2016	3630.816	5/31/2017	3130	5/21/2018	2330	5/9/2019	2080	4/28/2020	645
6/10/2016	3621.312	6/1/2017	3130	5/22/2018	2440	5/10/2019	2070	4/29/2020	645
6/13/2016	3630.816	6/2/2017	3150	5/23/2018	2600	5/13/2019	1930	4/30/2020	670
6/14/2016	3564.283	6/5/2017	3110	5/24/2018	2650	5/14/2019	1890	5/4/2020	630
6/15/2016	3611.807	6/6/2017	3090	5/25/2018	2650	5/15/2019	1745	5/5/2020	655
6/16/2016	3545.273	6/7/2017	3100	5/28/2018	2670	5/16/2019	1725	5/6/2020	660
6/17/2016	3621.312	6/8/2017	3080	5/29/2018	2670	5/17/2019	1790	5/8/2020	665
6/20/2016	3697.35	6/9/2017	3070	5/30/2018	2600	5/20/2019	1840	5/11/2020	685
6/21/2016	3640.321	6/12/2017	3090	5/31/2018	2580	5/21/2019	1870	5/12/2020	645
6/22/2016	3649.826	6/13/2017	3100	6/1/2018	2580	5/22/2019	1855	5/13/2020	640
6/23/2016	3630.816	6/14/2017	3180	6/4/2018	2590	5/23/2019	1880	5/14/2020	620
6/24/2016	3630.816	6/15/2017	3210	6/5/2018	2600	5/24/2019	1890	5/15/2020	610
6/27/2016	3611.807	6/16/2017	3140	6/6/2018	2610	5/27/2019	1890	5/18/2020	610
6/28/2016	3630.816	6/19/2017	3150	6/7/2018	2650	5/28/2019	1880	5/19/2020	640
6/29/2016	3744.873	6/20/2017	3200	6/8/2018	2640	5/29/2019	1880	5/20/2020	640
6/30/2016	3706.854	6/21/2017	3190	6/11/2018	2640	5/30/2019	1880		
7/1/2016	3621.312	6/22/2017	3140	6/12/2018	2640	5/31/2019	1970		
		6/23/2017	3140	6/13/2018	2640	6/3/2019	1970		
				6/14/2018	2640				

SCMA									
2016		2017		2018		2019		2020	
Tanggal	P	Tanggal	P	Tanggal	P	Tanggal	P	Tanggal	P
6/6/2016	3360	5/26/2017	2790	5/16/2018	2330	5/6/2019	1800	4/23/2020	815
6/7/2016	3440	5/29/2017	2720	5/17/2018	2300	5/7/2019	1775	4/24/2020	780
6/8/2016	3340	5/30/2017	2810	5/18/2018	2240	5/8/2019	1730	4/27/2020	790
6/9/2016	3230	5/31/2017	2910	5/21/2018	2160	5/9/2019	1685	4/28/2020	800
6/10/2016	3230	6/1/2017	2910	5/22/2018	2240	5/10/2019	1650	4/29/2020	820
6/13/2016	3170	6/2/2017	2800	5/23/2018	2250	5/13/2019	1585	4/30/2020	880
6/14/2016	3180	6/5/2017	2680	5/24/2018	2300	5/14/2019	1555	5/4/2020	820
6/15/2016	3180	6/6/2017	2610	5/25/2018	2320	5/15/2019	1490	5/5/2020	785
6/16/2016	3160	6/7/2017	2610	5/28/2018	2360	5/16/2019	1510	5/6/2020	810
6/17/2016	3320	6/8/2017	2640	5/29/2018	2360	5/17/2019	1510	5/8/2020	790
6/20/2016	3280	6/9/2017	2740	5/30/2018	2330	5/20/2019	1540	5/11/2020	800
6/21/2016	3330	6/12/2017	2730	5/31/2018	2460	5/21/2019	1520	5/12/2020	785
6/22/2016	3340	6/13/2017	2730	6/1/2018	2460	5/22/2019	1515	5/13/2020	795
6/23/2016	3340	6/14/2017	2790	6/4/2018	2460	5/23/2019	1515	5/14/2020	800
6/24/2016	3260	6/15/2017	2800	6/5/2018	2450	5/24/2019	1545	5/15/2020	800
6/27/2016	3240	6/16/2017	2750	6/6/2018	2380	5/27/2019	1555	5/18/2020	835
6/28/2016	3230	6/19/2017	2700	6/7/2018	2390	5/28/2019	1575	5/19/2020	820
6/29/2016	3300	6/20/2017	2670	6/8/2018	2300	5/29/2019	1545	5/20/2020	805
6/30/2016	3300	6/21/2017	2600	6/11/2018	2300	5/30/2019	1545		
7/1/2016	3220	6/22/2017	2590	6/12/2018	2300	5/31/2019	1650		
		6/23/2017	2590	6/13/2018	2300	6/3/2019	1650		
				6/14/2018	2300				

ANTM									
2016		2017		2018		2019		2020	
Tanggal	P	Tanggal	P	Tanggal	P	Tanggal	P	Tanggal	P
6/6/2016	675	5/26/2017	700	5/16/2018	810	5/6/2019	760	4/23/2020	498
6/7/2016	675	5/29/2017	750	5/17/2018	825	5/7/2019	765	4/24/2020	494
6/8/2016	670	5/30/2017	735	5/18/2018	850	5/8/2019	765	4/27/2020	505
6/9/2016	730	5/31/2017	775	5/21/2018	880	5/9/2019	730	4/28/2020	492
6/10/2016	720	6/1/2017	775	5/22/2018	845	5/10/2019	745	4/29/2020	498
6/13/2016	705	6/2/2017	760	5/23/2018	845	5/13/2019	730	4/30/2020	510
6/14/2016	685	6/5/2017	725	5/24/2018	885	5/14/2019	710	5/4/2020	494

6/15/2016	695	6/6/2017	720	5/25/2018	870	5/15/2019	700	5/5/2020	500
6/16/2016	755	6/7/2017	720	5/28/2018	855	5/16/2019	685	5/6/2020	500
6/17/2016	735	6/8/2017	715	5/29/2018	855	5/17/2019	670	5/8/2020	535
6/20/2016	750	6/9/2017	715	5/30/2018	850	5/20/2019	685	5/11/2020	530
6/21/2016	735	6/12/2017	705	5/31/2018	865	5/21/2019	710	5/12/2020	515
6/22/2016	740	6/13/2017	725	6/1/2018	865	5/22/2019	710	5/13/2020	535
6/23/2016	730	6/14/2017	740	6/4/2018	880	5/23/2019	740	5/14/2020	515
6/24/2016	730	6/15/2017	725	6/5/2018	885	5/24/2019	730	5/15/2020	520
6/27/2016	735	6/16/2017	720	6/6/2018	995	5/27/2019	740	5/18/2020	525
6/28/2016	720	6/19/2017	705	6/7/2018	945	5/28/2019	720	5/19/2020	525
6/29/2016	720	6/20/2017	710	6/8/2018	905	5/29/2019	715	5/20/2020	520
6/30/2016	725	6/21/2017	695	6/11/2018	905	5/30/2019	715		
7/1/2016	715	6/22/2017	695	6/12/2018	905	5/31/2019	725		
		6/23/2017	695	6/13/2018	905	6/3/2019	725		
				6/14/2018	905				

CTRA									
2016		2017		2018		2019		2020	
Tanggal	P	Tanggal	P	Tanggal	P	Tanggal	P	Tanggal	P
6/6/2016	1361.595	5/26/2017	1120	5/16/2018	990	5/6/2019	1020	4/23/2020	515
6/7/2016	1351.656	5/29/2017	1090	5/17/2018	985	5/7/2019	1050	4/24/2020	482
6/8/2016	1356.626	5/30/2017	1090	5/18/2018	970	5/8/2019	1065	4/27/2020	492
6/9/2016	1311.902	5/31/2017	1120	5/21/2018	920	5/9/2019	1060	4/28/2020	505
6/10/2016	1292.024	6/1/2017	1120	5/22/2018	880	5/10/2019	1090	4/29/2020	505
6/13/2016	1292.024	6/2/2017	1160	5/23/2018	900	5/13/2019	1015	4/30/2020	545
6/14/2016	1341.718	6/5/2017	1170	5/24/2018	1005	5/14/2019	1015	5/4/2020	515
6/15/2016	1366.564	6/6/2017	1125	5/25/2018	1000	5/15/2019	970	5/5/2020	525
6/16/2016	1371.534	6/7/2017	1120	5/28/2018	1060	5/16/2019	925	5/6/2020	520
6/17/2016	1441.104	6/8/2017	1110	5/29/2018	1060	5/17/2019	905	5/8/2020	515
6/20/2016	1446.073	6/9/2017	1090	5/30/2018	1035	5/20/2019	900	5/11/2020	530
6/21/2016	1451.043	6/12/2017	1110	5/31/2018	1010	5/21/2019	900	5/12/2020	510
6/22/2016	1401.349	6/13/2017	1110	6/1/2018	1010	5/22/2019	900	5/13/2020	496
6/23/2016	1411.288	6/14/2017	1160	6/4/2018	1035	5/23/2019	935	5/14/2020	484
6/24/2016	1416.257	6/15/2017	1150	6/5/2018	1085	5/24/2019	1000	5/15/2020	476
6/27/2016	1460.981	6/16/2017	1115	6/6/2018	1090	5/27/2019	1010	5/18/2020	472
6/28/2016	1431.165	6/19/2017	1155	6/7/2018	1080	5/28/2019	930	5/19/2020	494
6/29/2016	1451.043	6/20/2017	1165	6/8/2018	1085	5/29/2019	950	5/20/2020	490

6/30/2016	1441.104	6/21/2017	1165	6/11/2018	1085	5/30/2019	950		
7/1/2016	1411.288	6/22/2017	1170	6/12/2018	1085	5/31/2019	980		
		6/23/2017	1170	6/13/2018	1085	6/3/2019	980		
				6/14/2018	1085				

EXCL									
2016		2017		2018		2019		2020	
Tanggal	P	Tanggal	P	Tanggal	P	Tanggal	P	Tanggal	P
6/6/2016	3620	5/26/2017	2960	5/16/2018	1810	5/6/2019	2850	4/23/2020	2410
6/7/2016	3750	5/29/2017	3080	5/17/2018	2180	5/7/2019	2980	4/24/2020	2380
6/8/2016	3750	5/30/2017	3000	5/18/2018	2140	5/8/2019	2960	4/27/2020	2480
6/9/2016	3710	5/31/2017	2960	5/21/2018	2040	5/9/2019	2960	4/28/2020	2550
6/10/2016	3680	6/1/2017	2960	5/22/2018	2020	5/10/2019	2930	4/29/2020	2590
6/13/2016	3640	6/2/2017	3040	5/23/2018	2160	5/13/2019	2760	4/30/2020	2540
6/14/2016	3680	6/5/2017	3210	5/24/2018	2320	5/14/2019	2770	5/4/2020	2450
6/15/2016	3600	6/6/2017	3340	5/25/2018	2280	5/15/2019	2650	5/5/2020	2420
6/16/2016	3700	6/7/2017	3410	5/28/2018	2260	5/16/2019	2560	5/6/2020	2320
6/17/2016	3800	6/8/2017	3280	5/29/2018	2260	5/17/2019	2540	5/8/2020	2380
6/20/2016	3800	6/9/2017	3350	5/30/2018	2160	5/20/2019	2650	5/11/2020	2400
6/21/2016	3800	6/12/2017	3380	5/31/2018	2100	5/21/2019	2670	5/12/2020	2290
6/22/2016	3840	6/13/2017	3200	6/1/2018	2100	5/22/2019	2640	5/13/2020	2400
6/23/2016	3830	6/14/2017	3410	6/4/2018	2370	5/23/2019	2740	5/14/2020	2350
6/24/2016	3700	6/15/2017	3280	6/5/2018	2540	5/24/2019	2790	5/15/2020	2460
6/27/2016	3750	6/16/2017	3160	6/6/2018	2660	5/27/2019	2810	5/18/2020	2510
6/28/2016	3750	6/19/2017	3230	6/7/2018	2560	5/28/2019	2790	5/19/2020	2480
6/29/2016	3700	6/20/2017	3240	6/8/2018	2630	5/29/2019	2900	5/20/2020	2400
6/30/2016	3670	6/21/2017	3360	6/11/2018	2630	5/30/2019	2900		
7/1/2016	3610	6/22/2017	3410	6/12/2018	2630	5/31/2019	2860		
		6/23/2017	3410	6/13/2018	2630	6/3/2019	2860		
				6/14/2018	2630				

JSMR									
2016		2017		2018		2019		2020	
Tanggal	P	Tanggal	P	Tanggal	P	Tanggal	P	Tanggal	P
6/6/2016	5512.091	5/26/2017	5075	5/16/2018	4070	5/6/2019	5625	4/23/2020	2580



6/7/2016	5487.149	5/29/2017	5050	5/17/2018	4020	5/7/2019	5700	4/24/2020	2550
6/8/2016	5437.266	5/30/2017	5050	5/18/2018	3970	5/8/2019	5650	4/27/2020	2560
6/9/2016	5337.5	5/31/2017	5250	5/21/2018	3990	5/9/2019	5550	4/28/2020	2700
6/10/2016	5262.675	6/1/2017	5250	5/22/2018	4050	5/10/2019	5600	4/29/2020	2850
6/13/2016	5262.675	6/2/2017	5200	5/23/2018	4090	5/13/2019	5350	4/30/2020	3150
6/14/2016	5237.733	6/5/2017	5100	5/24/2018	4330	5/14/2019	5450	5/4/2020	3040
6/15/2016	5262.675	6/6/2017	5000	5/25/2018	4320	5/15/2019	5300	5/5/2020	3180
6/16/2016	5187.85	6/7/2017	5050	5/28/2018	4400	5/16/2019	5100	5/6/2020	3510
6/17/2016	5262.675	6/8/2017	5100	5/29/2018	4400	5/17/2019	5025	5/8/2020	3640
6/20/2016	5262.675	6/9/2017	5125	5/30/2018	4280	5/20/2019	5275	5/11/2020	3800
6/21/2016	5187.85	6/12/2017	5150	5/31/2018	4450	5/21/2019	5325	5/12/2020	3680
6/22/2016	5262.675	6/13/2017	5175	6/1/2018	4450	5/22/2019	5300	5/13/2020	3430
6/23/2016	5212.792	6/14/2017	5300	6/4/2018	4630	5/23/2019	5500	5/14/2020	3530
6/24/2016	5137.967	6/15/2017	5250	6/5/2018	4700	5/24/2019	5650	5/15/2020	3530
6/27/2016	5137.967	6/16/2017	5150	6/6/2018	4580	5/27/2019	5700	5/18/2020	3670
6/28/2016	5187.85	6/19/2017	5225	6/7/2018	4660	5/28/2019	5375	5/19/2020	3700
6/29/2016	5237.733	6/20/2017	5350	6/8/2018	4610	5/29/2019	5500	5/20/2020	3700
6/30/2016	5262.675	6/21/2017	5425	6/11/2018	4610	5/30/2019	5500		
7/1/2016	5137.967	6/22/2017	5350	6/12/2018	4610	5/31/2019	5700		
		6/23/2017	5350	6/13/2018	4610	6/3/2019	5700		
				6/14/2018	4610				

LPKR									
2016		2017		2018		2019		2020	
Tanggal	P	Tanggal	P	Tanggal	P	Tanggal	P	Tanggal	P
6/6/2016	785.632	5/26/2017	575.3365	5/16/2018	307.9042	5/6/2019	255.5288	4/23/2020	130
6/7/2016	809.439	5/29/2017	563.433	5/17/2018	309.4914	5/7/2019	255.5288	4/24/2020	126
6/8/2016	829.2782	5/30/2017	567.4009	5/18/2018	304.73	5/8/2019	257.1159	4/27/2020	133
6/9/2016	801.5034	5/31/2017	539.626	5/21/2018	299.9686	5/9/2019	252.3545	4/28/2020	140
6/10/2016	785.632	6/1/2017	539.626	5/22/2018	296.7943	5/10/2019	252.3545	4/29/2020	149
6/13/2016	765.7928	6/2/2017	543.5939	5/23/2018	292.0329	5/13/2019	249.1802	4/30/2020	162
6/14/2016	765.7928	6/5/2017	543.5939	5/24/2018	296.7943	5/14/2019	249.1802	5/4/2020	151
6/15/2016	781.6641	6/6/2017	515.819	5/25/2018	299.9686	5/15/2019	246.006	5/5/2020	147
6/16/2016	769.7606	6/7/2017	499.9476	5/28/2018	309.4914	5/16/2019	236.4832	5/6/2020	146
6/17/2016	749.9214	6/8/2017	499.9476	5/29/2018	309.4914	5/17/2019	247.5931	5/8/2020	145
6/20/2016	777.6963	6/9/2017	503.9155	5/30/2018	307.9042	5/20/2019	250.7674	5/11/2020	145
6/21/2016	813.4069	6/12/2017	507.8833	5/31/2018	299.9686	5/21/2019	252.3545	5/12/2020	145

6/22/2016	809.439	6/13/2017	503.9155	6/1/2018	299.9686	5/22/2019	250.7674	5/13/2020	155
6/23/2016	833.246	6/14/2017	519.7868	6/4/2018	295.2072	5/23/2019	258.7031	5/14/2020	148
6/24/2016	849.1174	6/15/2017	511.8511	6/5/2018	293.62	5/24/2019	258.7031	5/15/2020	145
6/27/2016	864.9888	6/16/2017	503.9155	6/6/2018	295.2072	5/27/2019	260.2902	5/18/2020	140
6/28/2016	841.1817	6/19/2017	503.9155	6/7/2018	298.3814	5/28/2019	257.1159	5/19/2020	143
6/29/2016	892.7636	6/20/2017	507.8833	6/8/2018	287.2715	5/29/2019	252.3545	5/20/2020	143
6/30/2016	908.6349	6/21/2017	523.7546	6/11/2018	287.2715	5/30/2019	252.3545		
7/1/2016	912.6028	6/22/2017	523.7546	6/12/2018	287.2715	5/31/2019	255.5288		
		6/23/2017	523.7546	6/13/2018	287.2715	6/3/2019	255.5288		
				6/14/2018	287.2715				

PWON									
2016		2017		2018		2019		2020	
Tanggal	P	Tanggal	P	Tanggal	P	Tanggal	P	Tanggal	P
6/6/2016	570	5/26/2017	640	5/16/2018	530	5/6/2019	665	4/23/2020	376
6/7/2016	560	5/29/2017	625	5/17/2018	520	5/7/2019	670	4/24/2020	350
6/8/2016	550	5/30/2017	610	5/18/2018	500	5/8/2019	680	4/27/2020	338
6/9/2016	535	5/31/2017	610	5/21/2018	500	5/9/2019	650	4/28/2020	360
6/10/2016	540	6/1/2017	610	5/22/2018	505	5/10/2019	680	4/29/2020	360
6/13/2016	530	6/2/2017	620	5/23/2018	496	5/13/2019	670	4/30/2020	378
6/14/2016	530	6/5/2017	635	5/24/2018	535	5/14/2019	670	5/4/2020	352
6/15/2016	540	6/6/2017	605	5/25/2018	535	5/15/2019	655	5/5/2020	346
6/16/2016	540	6/7/2017	625	5/28/2018	560	5/16/2019	635	5/6/2020	350
6/17/2016	560	6/8/2017	620	5/29/2018	560	5/17/2019	630	5/8/2020	356
6/20/2016	585	6/9/2017	605	5/30/2018	575	5/20/2019	630	5/11/2020	360
6/21/2016	620	6/12/2017	600	5/31/2018	560	5/21/2019	645	5/12/2020	346
6/22/2016	600	6/13/2017	605	6/1/2018	560	5/22/2019	640	5/13/2020	334
6/23/2016	585	6/14/2017	630	6/4/2018	565	5/23/2019	645	5/14/2020	338
6/24/2016	585	6/15/2017	620	6/5/2018	570	5/24/2019	645	5/15/2020	326
6/27/2016	610	6/16/2017	605	6/6/2018	585	5/27/2019	670	5/18/2020	334
6/28/2016	590	6/19/2017	610	6/7/2018	620	5/28/2019	680	5/19/2020	342
6/29/2016	615	6/20/2017	605	6/8/2018	590	5/29/2019	700	5/20/2020	340
6/30/2016	615	6/21/2017	610	6/11/2018	590	5/30/2019	700		
7/1/2016	605	6/22/2017	615	6/12/2018	590	5/31/2019	705		
		6/23/2017	615	6/13/2018	590	6/3/2019	705		
				6/14/2018	590				

SMRA									
2016		2017		2018		2019		2020	
Tanggal	P	Tanggal	P	Tanggal	P	Tanggal	P	Tanggal	P
6/6/2016	1650	5/26/2017	1360	5/16/2018	840	5/6/2019	990	4/23/2020	440
6/7/2016	1645	5/29/2017	1320	5/17/2018	845	5/7/2019	1035	4/24/2020	414
6/8/2016	1660	5/30/2017	1305	5/18/2018	830	5/8/2019	1045	4/27/2020	426
6/9/2016	1625	5/31/2017	1320	5/21/2018	820	5/9/2019	1075	4/28/2020	422
6/10/2016	1580	6/1/2017	1320	5/22/2018	805	5/10/2019	1105	4/29/2020	424
6/13/2016	1540	6/2/2017	1300	5/23/2018	810	5/13/2019	1040	4/30/2020	444
6/14/2016	1600	6/5/2017	1335	5/24/2018	895	5/14/2019	1060	5/4/2020	403.0914
6/15/2016	1595	6/6/2017	1260	5/25/2018	930	5/15/2019	1045	5/5/2020	412.7811
6/16/2016	1585	6/7/2017	1250	5/28/2018	980	5/16/2019	995	5/6/2020	416.657
6/17/2016	1685	6/8/2017	1225	5/29/2018	980	5/17/2019	955	5/8/2020	418.5949
6/20/2016	1715	6/9/2017	1235	5/30/2018	960	5/20/2019	990	5/11/2020	445.7261
6/21/2016	1760	6/12/2017	1250	5/31/2018	985	5/21/2019	995	5/12/2020	420.5329
6/22/2016	1735	6/13/2017	1260	6/1/2018	985	5/22/2019	1010	5/13/2020	418.5949
6/23/2016	1740	6/14/2017	1300	6/4/2018	970	5/23/2019	1010	5/14/2020	406.9673
6/24/2016	1725	6/15/2017	1285	6/5/2018	975	5/24/2019	1055	5/15/2020	416.657
6/27/2016	1745	6/16/2017	1255	6/6/2018	975	5/27/2019	1120	5/18/2020	410.8432
6/28/2016	1695	6/19/2017	1310	6/7/2018	995	5/28/2019	1045	5/19/2020	410.8432
6/29/2016	1780	6/20/2017	1290	6/8/2018	995	5/29/2019	1090	5/20/2020	405.0293
6/30/2016	1810	6/21/2017	1290	6/11/2018	995	5/30/2019	1090		
7/1/2016	1810	6/22/2017	1290	6/12/2018	995	5/31/2019	1035		
		6/23/2017	1290	6/13/2018	995	6/3/2019	1035		
				6/14/2018	995				

WSKT									
2016		2017		2018		2019		2020	
Tanggal	P	Tanggal	P	Tanggal	P	Tanggal	P	Tanggal	P
6/6/2016	2410	5/26/2017	2390	5/16/2018	2020	5/6/2019	1950	4/23/2020	575
6/7/2016	2420	5/29/2017	2380	5/17/2018	2140	5/7/2019	1950	4/24/2020	555
6/8/2016	2460	5/30/2017	2330	5/18/2018	2070	5/8/2019	1935	4/27/2020	560
6/9/2016	2480	5/31/2017	2380	5/21/2018	2120	5/9/2019	1875	4/28/2020	590
6/10/2016	2440	6/1/2017	2380	5/22/2018	2190	5/10/2019	1945	4/29/2020	590
6/13/2016	2420	6/2/2017	2350	5/23/2018	2260	5/13/2019	1870	4/30/2020	605

6/14/2016	2390	6/5/2017	2320	5/24/2018	2320	5/14/2019	1840	5/4/2020	585
6/15/2016	2400	6/6/2017	2280	5/25/2018	2320	5/15/2019	1760	5/5/2020	605
6/16/2016	2380	6/7/2017	2240	5/28/2018	2340	5/16/2019	1720	5/6/2020	595
6/17/2016	2400	6/8/2017	2250	5/29/2018	2340	5/17/2019	1715	5/8/2020	600
6/20/2016	2440	6/9/2017	2210	5/30/2018	2310	5/20/2019	1665	5/11/2020	615
6/21/2016	2470	6/12/2017	2210	5/31/2018	2320	5/21/2019	1690	5/12/2020	585
6/22/2016	2520	6/13/2017	2230	6/1/2018	2320	5/22/2019	1695	5/13/2020	585
6/23/2016	2490	6/14/2017	2350	6/4/2018	2350	5/23/2019	1765	5/14/2020	570
6/24/2016	2480	6/15/2017	2320	6/5/2018	2400	5/24/2019	1760	5/15/2020	575
6/27/2016	2500	6/16/2017	2280	6/6/2018	2410	5/27/2019	1800	5/18/2020	575
6/28/2016	2530	6/19/2017	2270	6/7/2018	2410	5/28/2019	1795	5/19/2020	585
6/29/2016	2540	6/20/2017	2310	6/8/2018	2350	5/29/2019	1760	5/20/2020	580
6/30/2016	2550	6/21/2017	2320	6/11/2018	2350	5/30/2019	1760		
7/1/2016	2500	6/22/2017	2320	6/12/2018	2350	5/31/2019	1810		
		6/23/2017	2320	6/13/2018	2350	6/3/2019	1810		
				6/14/2018	2350				

TPIA									
2016		2017		2018		2019		2020	
Tanggal	P	Tanggal	P	Tanggal	P	Tanggal	P	Tanggal	P
6/6/2016	883.4789	5/26/2017	5310.69	5/16/2018	5875	5/6/2019	5075	4/23/2020	8600
6/7/2016	883.4789	5/29/2017	5330.323	5/17/2018	5875	5/7/2019	5225	4/24/2020	8650
6/8/2016	893.2953	5/30/2017	5330.323	5/18/2018	5825	5/8/2019	5325	4/27/2020	8625
6/9/2016	893.2953	5/31/2017	5183.077	5/21/2018	5825	5/9/2019	5400	4/28/2020	8825
6/10/2016	893.2953	6/1/2017	5183.077	5/22/2018	6000	5/10/2019	5525	4/29/2020	8875
6/13/2016	893.2953	6/2/2017	4903.308	5/23/2018	5950	5/13/2019	5375	4/30/2020	8975
6/14/2016	893.2953	6/5/2017	4942.574	5/24/2018	5950	5/14/2019	5150	5/4/2020	8625
6/15/2016	893.2953	6/6/2017	4952.39	5/25/2018	5800	5/15/2019	5000	5/5/2020	8500
6/16/2016	893.2953	6/7/2017	4976.931	5/28/2018	5800	5/16/2019	4980	5/6/2020	8150
6/17/2016	893.2953	6/8/2017	4976.931	5/29/2018	5800	5/17/2019	4980	5/8/2020	8000
6/20/2016	893.2953	6/9/2017	4981.839	5/30/2018	5750	5/20/2019	4990	5/11/2020	7450
6/21/2016	867.7726	6/12/2017	4996.564	5/31/2018	5850	5/21/2019	5025	5/12/2020	7275
6/22/2016	867.7726	6/13/2017	5006.381	6/1/2018	5850	5/22/2019	4930	5/13/2020	7000
6/23/2016	867.7726	6/14/2017	5011.289	6/4/2018	5575	5/23/2019	5000	5/14/2020	6700
6/24/2016	867.7726	6/15/2017	5006.381	6/5/2018	5550	5/24/2019	5100	5/15/2020	6550
6/27/2016	867.7726	6/16/2017	4908.216	6/6/2018	5450	5/27/2019	5075	5/18/2020	6350
6/28/2016	901.1485	6/19/2017	4711.888	6/7/2018	5500	5/28/2019	5125	5/19/2020	6550

6/29/2016	901.1485	6/20/2017	4741.337	6/8/2018	5800	5/29/2019	5100	5/20/2020	6925
6/30/2016	903.1118	6/21/2017	4918.033	6/11/2018	5800	5/30/2019	5100	5/26/2020	7150
7/1/2016	918.8181	6/22/2017	5119.27	6/12/2018	5800	5/31/2019	5100	5/27/2020	7125
		6/23/2017	5119.27	6/13/2018	5800	6/3/2019	5100		
				6/14/2018	5800				

BRPT									
2016		2017		2018		2019		2020	
Tanggal	P	Tanggal	P	Tanggal	P	Tanggal	P	Tanggal	P
6/6/2016	47.2	5/26/2017	314	5/16/2018	446	5/6/2019	778	4/23/2020	1280
6/7/2016	47.2	5/29/2017	315	5/17/2018	452	5/7/2019	792	4/24/2020	1240
6/8/2016	47.2	5/30/2017	310	5/18/2018	442	5/8/2019	798	4/27/2020	1215
6/9/2016	46.6	5/31/2017	323	5/21/2018	426	5/9/2019	798	4/28/2020	1350
6/10/2016	47	6/1/2017	323	5/22/2018	428	5/10/2019	798	4/29/2020	1435
6/13/2016	47	6/2/2017	329	5/23/2018	456	5/13/2019	798	4/30/2020	1450
6/14/2016	47.8	6/5/2017	333	5/24/2018	458	5/14/2019	758	5/4/2020	1385
6/15/2016	47	6/6/2017	330	5/25/2018	444	5/15/2019	748	5/5/2020	1380
6/16/2016	47	6/7/2017	330	5/28/2018	458	5/16/2019	730	5/6/2020	1285
6/17/2016	47.6	6/8/2017	325	5/29/2018	458	5/17/2019	736	5/8/2020	1210
6/20/2016	47.8	6/9/2017	328	5/30/2018	444	5/20/2019	730	5/11/2020	1220
6/21/2016	49.2	6/12/2017	327	5/31/2018	424	5/21/2019	730	5/12/2020	1260
6/22/2016	48.6	6/13/2017	324	6/1/2018	424	5/22/2019	732	5/13/2020	1175
6/23/2016	48.4	6/14/2017	327	6/4/2018	426	5/23/2019	724	5/14/2020	1150
6/24/2016	48.8	6/15/2017	324	6/5/2018	434	5/24/2019	726	5/15/2020	1225
6/27/2016	49	6/16/2017	313	6/6/2018	438	5/27/2019	728	5/18/2020	1170
6/28/2016	47.8	6/19/2017	305	6/7/2018	430	5/28/2019	764	5/19/2020	1170
6/29/2016	48.4	6/20/2017	300	6/8/2018	438	5/29/2019	710	5/20/2020	1225
6/30/2016	48.4	6/21/2017	282	6/11/2018	438	5/30/2019	710		
7/1/2016	48.4	6/22/2017	293	6/12/2018	438	5/31/2019	660		
		6/23/2017	293	6/13/2018	438	6/3/2019	660		
				6/14/2018	438				

Lampiran 20. Data harga saham 29 emiten pada Januari 2016-2020

ADRO				
2016	2017	2018	2019	2020

Tanggal	P	Tanggal	P	Tanggal	P	Tanggal	P	Tanggal	P
1/4/2016	494	1/2/2017	1695	1/1/2018	1860	1/1/2019	1215	1/2/2020	1495
1/5/2016	499	1/3/2017	1740	1/2/2018	1880	1/2/2019	1225	1/3/2020	1465
1/6/2016	500	1/4/2017	1700	1/3/2018	1830	1/3/2019	1230	1/6/2020	1465
1/7/2016	485	1/5/2017	1665	1/4/2018	1915	1/4/2019	1390	1/7/2020	1540
1/8/2016	493	1/6/2017	1695	1/5/2018	1990	1/7/2019	1390	1/8/2020	1505
1/11/2016	486	1/9/2017	1720	1/8/2018	2160	1/8/2019	1410	1/9/2020	1495
1/12/2016	481	1/10/2017	1685	1/9/2018	2180	1/9/2019	1395	1/10/2020	1550
1/13/2016	473	1/11/2017	1745	1/10/2018	2210	1/10/2019	1405	1/13/2020	1565
1/14/2016	464	1/12/2017	1715	1/11/2018	2180	1/11/2019	1405	1/14/2020	1560
1/15/2016	449	1/13/2017	1700	1/12/2018	2230	1/14/2019	1410	1/15/2020	1475
1/18/2016	450	1/16/2017	1700	1/15/2018	2230	1/15/2019	1460	1/16/2020	1470
1/19/2016	461	1/17/2017	1700	1/16/2018	2190	1/16/2019	1460	1/17/2020	1480
1/20/2016	437	1/18/2017	1720	1/17/2018	2170	1/17/2019	1460	1/20/2020	1435
1/21/2016	450	1/19/2017	1730	1/18/2018	2170	1/18/2019	1485	1/21/2020	1415
1/22/2016	515	1/20/2017	1730	1/19/2018	2180	1/21/2019	1470	1/22/2020	1365
1/25/2016	498	1/23/2017	1725	1/22/2018	2310	1/22/2019	1410	1/23/2020	1380
1/26/2016	476	1/24/2017	1725	1/23/2018	2420	1/23/2019	1380	1/24/2020	1380
1/27/2016	477	1/25/2017	1740	1/24/2018	2440	1/24/2019	1380	1/27/2020	1295
1/28/2016	520	1/26/2017	1730	1/25/2018	2450	1/25/2019	1395	1/28/2020	1325
1/29/2016	525	1/27/2017	1725	1/26/2018	2440	1/28/2019	1390	1/29/2020	1305
		1/30/2017	1715	1/29/2018	2560	1/29/2019	1340	1/30/2020	1295
		1/31/2017	1695	1/30/2018	2550	1/30/2019	1350	1/31/2020	1225
				1/31/2018	2450	1/31/2019	1390		

AKRA									
2016		2017		2018		2019		2020	
Tanggal	P	Tanggal	P	Tanggal	P	Tanggal	P	Tanggal	P
1/4/2016	7200	1/2/2017	6000	1/1/2018	6350	1/1/2019	4290	1/2/2020	3900
1/5/2016	7125	1/3/2017	5825	1/2/2018	6200	1/2/2019	4240	1/3/2020	3790
1/6/2016	7175	1/4/2017	5925	1/3/2018	6175	1/3/2019	4260	1/6/2020	3640
1/7/2016	7600	1/5/2017	5850	1/4/2018	6200	1/4/2019	4350	1/7/2020	3530
1/8/2016	7625	1/6/2017	5900	1/5/2018	6200	1/7/2019	4650	1/8/2020	3560
1/11/2016	7225	1/9/2017	5950	1/8/2018	6450	1/8/2019	4640	1/9/2020	3600
1/12/2016	7225	1/10/2017	6250	1/9/2018	6300	1/9/2019	4550	1/10/2020	3610
1/13/2016	7200	1/11/2017	6250	1/10/2018	6225	1/10/2019	4530	1/13/2020	3600
1/14/2016	7000	1/12/2017	6200	1/11/2018	6275	1/11/2019	4500	1/14/2020	3540

1/15/2016	6800	1/13/2017	6125	1/12/2018	6275	1/14/2019	4430	1/15/2020	3500
1/18/2016	7025	1/16/2017	6050	1/15/2018	6325	1/15/2019	4450	1/16/2020	3470
1/19/2016	7175	1/17/2017	6000	1/16/2018	6350	1/16/2019	4530	1/17/2020	3430
1/20/2016	7200	1/18/2017	6050	1/17/2018	6425	1/17/2019	4480	1/20/2020	3400
1/21/2016	7050	1/19/2017	6400	1/18/2018	6375	1/18/2019	4750	1/21/2020	3370
1/22/2016	7025	1/20/2017	6500	1/19/2018	6300	1/21/2019	4590	1/22/2020	3390
1/25/2016	7150	1/23/2017	6750	1/22/2018	6200	1/22/2019	4480	1/23/2020	3380
1/26/2016	7100	1/24/2017	6825	1/23/2018	6225	1/23/2019	4490	1/24/2020	3490
1/27/2016	7450	1/25/2017	6850	1/24/2018	6300	1/24/2019	4690	1/27/2020	3420
1/28/2016	7375	1/26/2017	6825	1/25/2018	6275	1/25/2019	4900	1/28/2020	3460
1/29/2016	7350	1/27/2017	6700	1/26/2018	6275	1/28/2019	5100	1/29/2020	3400
		1/30/2017	6650	1/29/2018	6400	1/29/2019	5100	1/30/2020	3340
		1/31/2017	6675	1/30/2018	6275	1/30/2019	5050	1/31/2020	3310
				1/31/2018	6225	1/31/2019	5250		

ASII									
2016		2017		2018		2019		2020	
Tanggal	P	Tanggal	P	Tanggal	P	Tanggal	P	Tanggal	P
1/4/2016	5900	1/2/2017	8275	1/1/2018	8300	1/1/2019	8225	1/2/2020	6875
1/5/2016	6125	1/3/2017	8200	1/2/2018	8200	1/2/2019	8200	1/3/2020	6950
1/6/2016	6075	1/4/2017	8000	1/3/2018	8050	1/3/2019	8375	1/6/2020	6750
1/7/2016	5975	1/5/2017	8125	1/4/2018	8225	1/4/2019	8350	1/7/2020	6775
1/8/2016	6050	1/6/2017	8175	1/5/2018	8300	1/7/2019	8150	1/8/2020	6775
1/11/2016	5950	1/9/2017	8150	1/8/2018	8300	1/8/2019	8175	1/9/2020	6875
1/12/2016	5925	1/10/2017	8200	1/9/2018	8175	1/9/2019	8200	1/10/2020	6825
1/13/2016	5900	1/11/2017	8025	1/10/2018	8275	1/10/2019	8200	1/13/2020	6925
1/14/2016	5875	1/12/2017	7925	1/11/2018	8250	1/11/2019	8300	1/14/2020	7175
1/15/2016	6000	1/13/2017	8000	1/12/2018	8175	1/14/2019	8150	1/15/2020	7200
1/18/2016	5900	1/16/2017	7975	1/15/2018	8175	1/15/2019	8150	1/16/2020	7125
1/19/2016	5925	1/17/2017	8050	1/16/2018	8225	1/16/2019	8250	1/17/2020	7075
1/20/2016	5775	1/18/2017	8125	1/17/2018	8200	1/17/2019	8275	1/20/2020	7000
1/21/2016	5850	1/19/2017	8150	1/18/2018	8300	1/18/2019	8475	1/21/2020	7025
1/22/2016	5900	1/20/2017	8000	1/19/2018	8350	1/21/2019	8325	1/22/2020	7000
1/25/2016	6125	1/23/2017	8025	1/22/2018	8250	1/22/2019	8200	1/23/2020	7050
1/26/2016	6125	1/24/2017	8050	1/23/2018	8525	1/23/2019	8175	1/24/2020	6975
1/27/2016	6150	1/25/2017	8100	1/24/2018	8725	1/24/2019	8425	1/27/2020	6725
1/28/2016	6250	1/26/2017	8075	1/25/2018	8725	1/25/2019	8425	1/28/2020	6825

1/29/2016	6450	1/27/2017	8100	1/26/2018	8625	1/28/2019	8375	1/29/2020	6825
		1/30/2017	7900	1/29/2018	8650	1/29/2019	8375	1/30/2020	6625
		1/31/2017	7950	1/30/2018	8425	1/30/2019	8350	1/31/2020	6350
				1/31/2018	8500	1/31/2019	8450		

ICBP									
2016		2017		2018		2019		2020	
Tanggal	P	Tanggal	P	Tanggal	P	Tanggal	P	Tanggal	P
1/4/2016	6600	1/2/2017	8575	1/1/2018	8900	1/1/2019	10450	1/2/2020	11150
1/5/2016	6500	1/3/2017	8600	1/2/2018	9100	1/2/2019	10400	1/3/2020	11250
1/6/2016	6937.5	1/4/2017	8600	1/3/2018	9100	1/3/2019	10575	1/6/2020	11500
1/7/2016	6937.5	1/5/2017	8575	1/4/2018	9125	1/4/2019	10600	1/7/2020	11500
1/8/2016	7037.5	1/6/2017	8525	1/5/2018	9275	1/7/2019	10350	1/8/2020	11550
1/11/2016	6975	1/9/2017	8800	1/8/2018	9000	1/8/2019	10175	1/9/2020	11525
1/12/2016	7025	1/10/2017	8775	1/9/2018	8875	1/9/2019	10250	1/10/2020	11525
1/13/2016	6987.5	1/11/2017	8575	1/10/2018	8725	1/10/2019	10150	1/13/2020	11550
1/14/2016	6950	1/12/2017	8550	1/11/2018	8725	1/11/2019	10150	1/14/2020	11600
1/15/2016	7037.5	1/13/2017	8525	1/12/2018	8850	1/14/2019	10000	1/15/2020	11475
1/18/2016	7037.5	1/16/2017	8450	1/15/2018	8850	1/15/2019	10100	1/16/2020	11600
1/19/2016	7150	1/17/2017	8425	1/16/2018	8850	1/16/2019	10025	1/17/2020	11575
1/20/2016	7212.5	1/18/2017	8575	1/17/2018	8875	1/17/2019	10000	1/20/2020	11600
1/21/2016	7287.5	1/19/2017	8600	1/18/2018	8875	1/18/2019	10150	1/21/2020	11700
1/22/2016	7325	1/20/2017	8500	1/19/2018	8700	1/21/2019	10200	1/22/2020	11750
1/25/2016	7150	1/23/2017	8450	1/22/2018	8700	1/22/2019	10450	1/23/2020	11700
1/26/2016	7350	1/24/2017	8475	1/23/2018	8850	1/23/2019	10475	1/24/2020	11700
1/27/2016	7450	1/25/2017	8600	1/24/2018	8850	1/24/2019	10850	1/27/2020	11650
1/28/2016	7425	1/26/2017	8550	1/25/2018	8825	1/25/2019	10750	1/28/2020	11625
1/29/2016	7225	1/27/2017	8550	1/26/2018	8825	1/28/2019	10750	1/29/2020	11700
		1/30/2017	8475	1/29/2018	8875	1/29/2019	10725	1/30/2020	11625
		1/31/2017	8400	1/30/2018	8700	1/30/2019	10775	1/31/2020	11375
				1/31/2018	8725	1/31/2019	10775		

INCO									
2016		2017		2018		2019		2020	
Tanggal	P	Tanggal	P	Tanggal	P	Tanggal	P	Tanggal	P



1/4/2016	1530	1/2/2017	2820	1/1/2018	2890	1/1/2019	3260	1/2/2020	3620
1/5/2016	1545	1/3/2017	2780	1/2/2018	3030	1/2/2019	3160	1/3/2020	3500
1/6/2016	1540	1/4/2017	2720	1/3/2018	3050	1/3/2019	3070	1/6/2020	3530
1/7/2016	1485	1/5/2017	2840	1/4/2018	3110	1/4/2019	3130	1/7/2020	3560
1/8/2016	1505	1/6/2017	2930	1/5/2018	3170	1/7/2019	3260	1/8/2020	3540
1/11/2016	1455	1/9/2017	2850	1/8/2018	3170	1/8/2019	3250	1/9/2020	3570
1/12/2016	1435	1/10/2017	2880	1/9/2018	3180	1/9/2019	3270	1/10/2020	3510
1/13/2016	1430	1/11/2017	3020	1/10/2018	3200	1/10/2019	3440	1/13/2020	3460
1/14/2016	1420	1/12/2017	2950	1/11/2018	3170	1/11/2019	3440	1/14/2020	3420
1/15/2016	1435	1/13/2017	2480	1/12/2018	3180	1/14/2019	3390	1/15/2020	3410
1/18/2016	1410	1/16/2017	2510	1/15/2018	3220	1/15/2019	3490	1/16/2020	3530
1/19/2016	1440	1/17/2017	2490	1/16/2018	3330	1/16/2019	3700	1/17/2020	3500
1/20/2016	1415	1/18/2017	2470	1/17/2018	3350	1/17/2019	3640	1/20/2020	3460
1/21/2016	1385	1/19/2017	2400	1/18/2018	3330	1/18/2019	3700	1/21/2020	3400
1/22/2016	1410	1/20/2017	2300	1/19/2018	3380	1/21/2019	3740	1/22/2020	3360
1/25/2016	1445	1/23/2017	2270	1/22/2018	3380	1/22/2019	3650	1/23/2020	3300
1/26/2016	1375	1/24/2017	2280	1/23/2018	3360	1/23/2019	3570	1/24/2020	3310
1/27/2016	1380	1/25/2017	2300	1/24/2018	3430	1/24/2019	3530	1/27/2020	3260
1/28/2016	1385	1/26/2017	2420	1/25/2018	3660	1/25/2019	3640	1/28/2020	3270
1/29/2016	1445	1/27/2017	2340	1/26/2018	3700	1/28/2019	3550	1/29/2020	3280
		1/30/2017	2330	1/29/2018	3860	1/29/2019	3540	1/30/2020	3110
		1/31/2017	2370	1/30/2018	3750	1/30/2019	3720	1/31/2020	3160
				1/31/2018	3750	1/31/2019	3850		

INDF									
2016		2017		2018		2019		2020	
Tanggal	P	Tanggal	P	Tanggal	P	Tanggal	P	Tanggal	P
1/4/2016	5300	1/2/2017	7925	1/1/2018	7625	1/1/2019	7450	1/2/2020	7975
1/5/2016	5475	1/3/2017	7725	1/2/2018	7550	1/2/2019	7275	1/3/2020	8025
1/6/2016	5800	1/4/2017	7800	1/3/2018	7650	1/3/2019	7475	1/6/2020	8000
1/7/2016	5650	1/5/2017	8000	1/4/2018	7725	1/4/2019	7425	1/7/2020	8200
1/8/2016	5675	1/6/2017	8025	1/5/2018	7675	1/7/2019	7425	1/8/2020	8225
1/11/2016	5525	1/9/2017	7825	1/8/2018	7850	1/8/2019	7300	1/9/2020	8250
1/12/2016	5775	1/10/2017	7975	1/9/2018	7825	1/9/2019	7325	1/10/2020	8250
1/13/2016	5850	1/11/2017	7950	1/10/2018	7825	1/10/2019	7450	1/13/2020	8150
1/14/2016	5700	1/12/2017	7875	1/11/2018	7875	1/11/2019	7475	1/14/2020	8125
1/15/2016	5725	1/13/2017	7875	1/12/2018	7850	1/14/2019	7400	1/15/2020	8050

1/18/2016	5675	1/16/2017	7800	1/15/2018	7800	1/15/2019	7500	1/16/2020	8175
1/19/2016	5825	1/17/2017	7800	1/16/2018	7900	1/16/2019	7500	1/17/2020	8250
1/20/2016	5750	1/18/2017	7950	1/17/2018	7950	1/17/2019	7500	1/20/2020	8250
1/21/2016	5650	1/19/2017	8025	1/18/2018	7900	1/18/2019	7500	1/21/2020	8250
1/22/2016	5800	1/20/2017	8050	1/19/2018	7925	1/21/2019	7500	1/22/2020	8050
1/25/2016	5700	1/23/2017	8100	1/22/2018	8075	1/22/2019	7575	1/23/2020	8150
1/26/2016	5525	1/24/2017	8000	1/23/2018	8125	1/23/2019	7650	1/24/2020	8200
1/27/2016	5850	1/25/2017	8000	1/24/2018	8075	1/24/2019	7775	1/27/2020	8125
1/28/2016	5975	1/26/2017	8000	1/25/2018	8000	1/25/2019	7850	1/28/2020	8125
1/29/2016	6200	1/27/2017	8000	1/26/2018	8075	1/28/2019	7700	1/29/2020	7925
		1/30/2017	7800	1/29/2018	8075	1/29/2019	7700	1/30/2020	7900
		1/31/2017	7925	1/30/2018	7800	1/30/2019	7700	1/31/2020	7825
				1/31/2018	7750	1/31/2019	7750		

KLB									
2016		2017		2018		2019		2020	
Tanggal	P	Tanggal	P	Tanggal	P	Tanggal	P	Tanggal	P
1/4/2016	1280	1/2/2017	1515	1/1/2018	1690	1/1/2019	1520	1/2/2020	1615
1/5/2016	1275	1/3/2017	1510	1/2/2018	1730	1/2/2019	1525	1/3/2020	1635
1/6/2016	1375	1/4/2017	1540	1/3/2018	1695	1/3/2019	1540	1/6/2020	1640
1/7/2016	1325	1/5/2017	1565	1/4/2018	1745	1/4/2019	1570	1/7/2020	1635
1/8/2016	1410	1/6/2017	1565	1/5/2018	1760	1/7/2019	1595	1/8/2020	1585
1/11/2016	1385	1/9/2017	1540	1/8/2018	1785	1/8/2019	1565	1/9/2020	1600
1/12/2016	1430	1/10/2017	1550	1/9/2018	1780	1/9/2019	1540	1/10/2020	1600
1/13/2016	1480	1/11/2017	1545	1/10/2018	1740	1/10/2019	1600	1/13/2020	1600
1/14/2016	1465	1/12/2017	1530	1/11/2018	1750	1/11/2019	1620	1/14/2020	1585
1/15/2016	1440	1/13/2017	1515	1/12/2018	1695	1/14/2019	1615	1/15/2020	1580
1/18/2016	1360	1/16/2017	1505	1/15/2018	1680	1/15/2019	1635	1/16/2020	1665
1/19/2016	1365	1/17/2017	1490	1/16/2018	1745	1/16/2019	1625	1/17/2020	1615
1/20/2016	1340	1/18/2017	1525	1/17/2018	1730	1/17/2019	1610	1/20/2020	1620
1/21/2016	1330	1/19/2017	1500	1/18/2018	1735	1/18/2019	1615	1/21/2020	1610
1/22/2016	1355	1/20/2017	1500	1/19/2018	1705	1/21/2019	1605	1/22/2020	1590
1/25/2016	1355	1/23/2017	1470	1/22/2018	1695	1/22/2019	1615	1/23/2020	1575
1/26/2016	1370	1/24/2017	1495	1/23/2018	1735	1/23/2019	1600	1/24/2020	1540
1/27/2016	1370	1/25/2017	1495	1/24/2018	1725	1/24/2019	1600	1/27/2020	1520
1/28/2016	1360	1/26/2017	1510	1/25/2018	1725	1/25/2019	1615	1/28/2020	1500
1/29/2016	1335	1/27/2017	1480	1/26/2018	1695	1/28/2019	1610	1/29/2020	1525

		1/30/2017	1465	1/29/2018	1695	1/29/2019	1610	1/30/2020	1515
		1/31/2017	1450	1/30/2018	1660	1/30/2019	1610	1/31/2020	1430
				1/31/2018	1665	1/31/2019	1600		

PTBA									
2016		2017		2018		2019		2020	
Tanggal	P	Tanggal	P	Tanggal	P	Tanggal	P	Tanggal	P
1/4/2016	867	1/2/2017	2500	1/1/2018	2460	1/1/2019	4300	1/2/2020	2630
1/5/2016	902	1/3/2017	2555	1/2/2018	2500	1/2/2019	4240	1/3/2020	2670
1/6/2016	902	1/4/2017	2475	1/3/2018	2440	1/3/2019	4160	1/6/2020	2730
1/7/2016	869	1/5/2017	2410	1/4/2018	2480	1/4/2019	4380	1/7/2020	2710
1/8/2016	861	1/6/2017	2455	1/5/2018	2610	1/7/2019	4400	1/8/2020	2670
1/11/2016	881	1/9/2017	2405	1/8/2018	2670	1/8/2019	4370	1/9/2020	2670
1/12/2016	882	1/10/2017	2410	1/9/2018	2730	1/9/2019	4330	1/10/2020	2780
1/13/2016	905	1/11/2017	2420	1/10/2018	2720	1/10/2019	4290	1/13/2020	2830
1/14/2016	899	1/12/2017	2440	1/11/2018	2800	1/11/2019	4330	1/14/2020	2790
1/15/2016	893	1/13/2017	2455	1/12/2018	2890	1/14/2019	4390	1/15/2020	2690
1/18/2016	877	1/16/2017	2440	1/15/2018	3030	1/15/2019	4380	1/16/2020	2680
1/19/2016	860	1/17/2017	2415	1/16/2018	3060	1/16/2019	4380	1/17/2020	2670
1/20/2016	852	1/18/2017	2410	1/17/2018	3020	1/17/2019	4450	1/20/2020	2590
1/21/2016	833	1/19/2017	2405	1/18/2018	3040	1/18/2019	4470	1/21/2020	2560
1/22/2016	887	1/20/2017	2360	1/19/2018	3120	1/21/2019	4470	1/22/2020	2480
1/25/2016	894	1/23/2017	2340	1/22/2018	3300	1/22/2019	4420	1/23/2020	2410
1/26/2016	855	1/24/2017	2260	1/23/2018	3320	1/23/2019	4390	1/24/2020	2370
1/27/2016	847	1/25/2017	2195	1/24/2018	3330	1/24/2019	4390	1/27/2020	2240
1/28/2016	864	1/26/2017	2160	1/25/2018	3340	1/25/2019	4370	1/28/2020	2330
1/29/2016	890	1/27/2017	2165	1/26/2018	3330	1/28/2019	4350	1/29/2020	2330
		1/30/2017	2265	1/29/2018	3430	1/29/2019	4380	1/30/2020	2240
		1/31/2017	2320	1/30/2018	3400	1/30/2019	4300	1/31/2020	2210
				1/31/2018	3400	1/31/2019	4310		

SMGR									
2016		2017		2018		2019		2020	
Tanggal	P	Tanggal	P	Tanggal	P	Tanggal	P	Tanggal	P
1/4/2016	11125	1/2/2017	9175	1/1/2018	9900	1/1/2019	11500	1/2/2020	12200

1/5/2016	11150	1/3/2017	9100	1/2/2018	10275	1/2/2019	11475	1/3/2020	12325
1/6/2016	11450	1/4/2017	9450	1/3/2018	10200	1/3/2019	11525	1/6/2020	12275
1/7/2016	11050	1/5/2017	9500	1/4/2018	11000	1/4/2019	11500	1/7/2020	12300
1/8/2016	10975	1/6/2017	9400	1/5/2018	10900	1/7/2019	11400	1/8/2020	12000
1/11/2016	10700	1/9/2017	9125	1/8/2018	11000	1/8/2019	11300	1/9/2020	12200
1/12/2016	10825	1/10/2017	9125	1/9/2018	11200	1/9/2019	11200	1/10/2020	12200
1/13/2016	10900	1/11/2017	8850	1/10/2018	10825	1/10/2019	11925	1/13/2020	12175
1/14/2016	10600	1/12/2017	8700	1/11/2018	10850	1/11/2019	11575	1/14/2020	12300
1/15/2016	10600	1/13/2017	8775	1/12/2018	10575	1/14/2019	11575	1/15/2020	12050
1/18/2016	10450	1/16/2017	8700	1/15/2018	10525	1/15/2019	11800	1/16/2020	12450
1/19/2016	10575	1/17/2017	8625	1/16/2018	10625	1/16/2019	11925	1/17/2020	12850
1/20/2016	10200	1/18/2017	8750	1/17/2018	11400	1/17/2019	12425	1/20/2020	12750
1/21/2016	10075	1/19/2017	8725	1/18/2018	11075	1/18/2019	12700	1/21/2020	12700
1/22/2016	10350	1/20/2017	8625	1/19/2018	10950	1/21/2019	12975	1/22/2020	12975
1/25/2016	10300	1/23/2017	8600	1/22/2018	10750	1/22/2019	13075	1/23/2020	13050
1/26/2016	10050	1/24/2017	8700	1/23/2018	10650	1/23/2019	12975	1/24/2020	12975
1/27/2016	10575	1/25/2017	9025	1/24/2018	10725	1/24/2019	13200	1/27/2020	12650
1/28/2016	10700	1/26/2017	9200	1/25/2018	11100	1/25/2019	13200	1/28/2020	12700
1/29/2016	11050	1/27/2017	9225	1/26/2018	11600	1/28/2019	13075	1/29/2020	12300
		1/30/2017	9100	1/29/2018	11200	1/29/2019	12875	1/30/2020	12300
		1/31/2017	9025	1/30/2018	10900	1/30/2019	12550	1/31/2020	11950
				1/31/2018	11150	1/31/2019	12675		

TLKM									
2016		2017		2018		2019		2020	
Tanggal	P	Tanggal	P	Tanggal	P	Tanggal	P	Tanggal	P
1/4/2016	3140	1/2/2017	3980	1/1/2018	4440	1/1/2019	3750	1/2/2020	3910
1/5/2016	3195	1/3/2017	3950	1/2/2018	4410	1/2/2019	3730	1/3/2020	3980
1/6/2016	3250	1/4/2017	3950	1/3/2018	4230	1/3/2019	3740	1/6/2020	3960
1/7/2016	3210	1/5/2017	3950	1/4/2018	4220	1/4/2019	3710	1/7/2020	3940
1/8/2016	3145	1/6/2017	4000	1/5/2018	4280	1/7/2019	3770	1/8/2020	3900
1/11/2016	3060	1/9/2017	4020	1/8/2018	4260	1/8/2019	3800	1/9/2020	3960
1/12/2016	3145	1/10/2017	4000	1/9/2018	4200	1/9/2019	3730	1/10/2020	3980
1/13/2016	3190	1/11/2017	3960	1/10/2018	4190	1/10/2019	3800	1/13/2020	4030
1/14/2016	3135	1/12/2017	3960	1/11/2018	4170	1/11/2019	3860	1/14/2020	3950
1/15/2016	3085	1/13/2017	3950	1/12/2018	4130	1/14/2019	3850	1/15/2020	3880
1/18/2016	3085	1/16/2017	3950	1/15/2018	4120	1/15/2019	3930	1/16/2020	3850

1/19/2016	3110	1/17/2017	3970	1/16/2018	4210	1/16/2019	3990	1/17/2020	3810
1/20/2016	3090	1/18/2017	3960	1/17/2018	4200	1/17/2019	3990	1/20/2020	3810
1/21/2016	3095	1/19/2017	3970	1/18/2018	4170	1/18/2019	4020	1/21/2020	3890
1/22/2016	3185	1/20/2017	3830	1/19/2018	4160	1/21/2019	4030	1/22/2020	3860
1/25/2016	3205	1/23/2017	3840	1/22/2018	4130	1/22/2019	4000	1/23/2020	3880
1/26/2016	3225	1/24/2017	3910	1/23/2018	4090	1/23/2019	3920	1/24/2020	3920
1/27/2016	3270	1/25/2017	3900	1/24/2018	3980	1/24/2019	3860	1/27/2020	3840
1/28/2016	3260	1/26/2017	3940	1/25/2018	3970	1/25/2019	3880	1/28/2020	3830
1/29/2016	3340	1/27/2017	3890	1/26/2018	4150	1/28/2019	3780	1/29/2020	3900
		1/30/2017	3860	1/29/2018	4070	1/29/2019	3840	1/30/2020	3860
		1/31/2017	3870	1/30/2018	3970	1/30/2019	3860	1/31/2020	3800
				1/31/2018	3990	1/31/2019	3900		

UNTR									
2016		2017		2018		2019		2020	
Tanggal	P	Tanggal	P	Tanggal	P	Tanggal	P	Tanggal	P
1/4/2016	16100	1/2/2017	21250	1/1/2018	35400	1/1/2019	27350	1/2/2020	21500
1/5/2016	16350	1/3/2017	21000	1/2/2018	34150	1/2/2019	27325	1/3/2020	21275
1/6/2016	16725	1/4/2017	21400	1/3/2018	33075	1/3/2019	27575	1/6/2020	21575
1/7/2016	16225	1/5/2017	21975	1/4/2018	34000	1/4/2019	29000	1/7/2020	21250
1/8/2016	16250	1/6/2017	21700	1/5/2018	35425	1/7/2019	27975	1/8/2020	21550
1/11/2016	15875	1/9/2017	21900	1/8/2018	35700	1/8/2019	27500	1/9/2020	21325
1/12/2016	16650	1/10/2017	21950	1/9/2018	35900	1/9/2019	28100	1/10/2020	22250
1/13/2016	16650	1/11/2017	21800	1/10/2018	36900	1/10/2019	28225	1/13/2020	23050
1/14/2016	16500	1/12/2017	21225	1/11/2018	36850	1/11/2019	27800	1/14/2020	22700
1/15/2016	16275	1/13/2017	21925	1/12/2018	37025	1/14/2019	26000	1/15/2020	22000
1/18/2016	15800	1/16/2017	21550	1/15/2018	37175	1/15/2019	25600	1/16/2020	21900
1/19/2016	16075	1/17/2017	21400	1/16/2018	37325	1/16/2019	26050	1/17/2020	21775
1/20/2016	16025	1/18/2017	21700	1/17/2018	37700	1/17/2019	26850	1/20/2020	21500
1/21/2016	15825	1/19/2017	21775	1/18/2018	37200	1/18/2019	26925	1/21/2020	21075
1/22/2016	16325	1/20/2017	22000	1/19/2018	37400	1/21/2019	26850	1/22/2020	20600
1/25/2016	16925	1/23/2017	21975	1/22/2018	38525	1/22/2019	26100	1/23/2020	20350
1/26/2016	16500	1/24/2017	22800	1/23/2018	40425	1/23/2019	26600	1/24/2020	20200
1/27/2016	16800	1/25/2017	22625	1/24/2018	40000	1/24/2019	26625	1/27/2020	19925
1/28/2016	16775	1/26/2017	22900	1/25/2018	39975	1/25/2019	26425	1/28/2020	19875
1/29/2016	17400	1/27/2017	22600	1/26/2018	39650	1/28/2019	26300	1/29/2020	20025
		1/30/2017	22375	1/29/2018	39800	1/29/2019	25650	1/30/2020	19975

		1/31/2017	21850	1/30/2018	38500	1/30/2019	25900	1/31/2020	19200
				1/31/2018	38900	1/31/2019	25725		

UNVR									
2016		2017		2018		2019		2020	
Tanggal	P	Tanggal	P	Tanggal	P	Tanggal	P	Tanggal	P
1/4/2016	7200	1/2/2017	7760	1/1/2018	11180	1/1/2019	9080	1/2/2020	8550
1/5/2016	7135	1/3/2017	7765	1/2/2018	11175	1/2/2019	9280	1/3/2020	8575
1/6/2016	7485	1/4/2017	8040	1/3/2018	10800	1/3/2019	9500	1/6/2020	8475
1/7/2016	7200	1/5/2017	8110	1/4/2018	10680	1/4/2019	9560	1/7/2020	8450
1/8/2016	7235	1/6/2017	8120	1/5/2018	10800	1/7/2019	9720	1/8/2020	8325
1/11/2016	7065	1/9/2017	8030	1/8/2018	10880	1/8/2019	9470	1/9/2020	8350
1/12/2016	7220	1/10/2017	8020	1/9/2018	10700	1/9/2019	9200	1/10/2020	8250
1/13/2016	7220	1/11/2017	7995	1/10/2018	10840	1/10/2019	9665	1/13/2020	8400
1/14/2016	7145	1/12/2017	7990	1/11/2018	10875	1/11/2019	9690	1/14/2020	8475
1/15/2016	7200	1/13/2017	7920	1/12/2018	10850	1/14/2019	9710	1/15/2020	8475
1/18/2016	7130	1/16/2017	7925	1/15/2018	10920	1/15/2019	9960	1/16/2020	8425
1/19/2016	7180	1/17/2017	7925	1/16/2018	11000	1/16/2019	9585	1/17/2020	8400
1/20/2016	7120	1/18/2017	8180	1/17/2018	10870	1/17/2019	9775	1/20/2020	8325
1/21/2016	7160	1/19/2017	8080	1/18/2018	10870	1/18/2019	9785	1/21/2020	8325
1/22/2016	7120	1/20/2017	8100	1/19/2018	10890	1/21/2019	9750	1/22/2020	8300
1/25/2016	7125	1/23/2017	8240	1/22/2018	10880	1/22/2019	9810	1/23/2020	8325
1/26/2016	7195	1/24/2017	8400	1/23/2018	11100	1/23/2019	9790	1/24/2020	8175
1/27/2016	7460	1/25/2017	8380	1/24/2018	11120	1/24/2019	9815	1/27/2020	8275
1/28/2016	7450	1/26/2017	8360	1/25/2018	11005	1/25/2019	9810	1/28/2020	8250
1/29/2016	7340	1/27/2017	8340	1/26/2018	10910	1/28/2019	9555	1/29/2020	8250
		1/30/2017	8265	1/29/2018	11080	1/29/2019	9520	1/30/2020	8225
		1/31/2017	8240	1/30/2018	10975	1/30/2019	9815	1/31/2020	7950
				1/31/2018	10880	1/31/2019	10000		

WIKA									
2016		2017		2018		2019		2020	
Tanggal	P	Tanggal	P	Tanggal	P	Tanggal	P	Tanggal	P
1/4/2016	2421.682	1/2/2017	2360	1/1/2018	1550	1/1/2019	1655	1/2/2020	2020
1/5/2016	2542.072	1/3/2017	2400	1/2/2018	1565	1/2/2019	1715	1/3/2020	2130

1/6/2016	2643.94	1/4/2017	2430	1/3/2018	1525	1/3/2019	1795	1/6/2020	2110
1/7/2016	2639.309	1/5/2017	2400	1/4/2018	1550	1/4/2019	1785	1/7/2020	2120
1/8/2016	2648.57	1/6/2017	2400	1/5/2018	1580	1/7/2019	1825	1/8/2020	2080
1/11/2016	2625.418	1/9/2017	2420	1/8/2018	1700	1/8/2019	1850	1/9/2020	2140
1/12/2016	2653.2	1/10/2017	2530	1/9/2018	1795	1/9/2019	1855	1/10/2020	2160
1/13/2016	2620.788	1/11/2017	2480	1/10/2018	1770	1/10/2019	1860	1/13/2020	2170
1/14/2016	2606.897	1/12/2017	2490	1/11/2018	1800	1/11/2019	1860	1/14/2020	2150
1/15/2016	2611.527	1/13/2017	2490	1/12/2018	1780	1/14/2019	1865	1/15/2020	2090
1/18/2016	2606.897	1/16/2017	2510	1/15/2018	1825	1/15/2019	1940	1/16/2020	2050
1/19/2016	2653.2	1/17/2017	2520	1/16/2018	1940	1/16/2019	1905	1/17/2020	2050
1/20/2016	2597.636	1/18/2017	2540	1/17/2018	2050	1/17/2019	1880	1/20/2020	2020
1/21/2016	2593.006	1/19/2017	2500	1/18/2018	2000	1/18/2019	1900	1/21/2020	1995
1/22/2016	2611.527	1/20/2017	2480	1/19/2018	1970	1/21/2019	1830	1/22/2020	1970
1/25/2016	2606.897	1/23/2017	2450	1/22/2018	1935	1/22/2019	1850	1/23/2020	1955
1/26/2016	2583.745	1/24/2017	2470	1/23/2018	1970	1/23/2019	1870	1/24/2020	1960
1/27/2016	2593.006	1/25/2017	2510	1/24/2018	2080	1/24/2019	1880	1/27/2020	1875
1/28/2016	2574.484	1/26/2017	2500	1/25/2018	2110	1/25/2019	1925	1/28/2020	1990
1/29/2016	2593.006	1/27/2017	2460	1/26/2018	2110	1/28/2019	1895	1/29/2020	1985
		1/30/2017	2460	1/29/2018	2120	1/29/2019	1810	1/30/2020	1930
		1/31/2017	2570	1/30/2018	2050	1/30/2019	1830	1/31/2020	1890
				1/31/2018	2080	1/31/2019	1895		

BSDE									
2016		2017		2018		2019		2020	
Tanggal	P	Tanggal	P	Tanggal	P	Tanggal	P	Tanggal	P
1/4/2016	1790	1/2/2017	1755	1/1/2018	1700	1/1/2019	1255	1/2/2020	1270
1/5/2016	1820	1/3/2017	1730	1/2/2018	1700	1/2/2019	1255	1/3/2020	1290
1/6/2016	1840	1/4/2017	1810	1/3/2018	1700	1/3/2019	1320	1/6/2020	1280
1/7/2016	1815	1/5/2017	1810	1/4/2018	1710	1/4/2019	1355	1/7/2020	1250
1/8/2016	1835	1/6/2017	1845	1/5/2018	1695	1/7/2019	1405	1/8/2020	1220
1/11/2016	1765	1/9/2017	1795	1/8/2018	1705	1/8/2019	1390	1/9/2020	1235
1/12/2016	1790	1/10/2017	1740	1/9/2018	1700	1/9/2019	1410	1/10/2020	1225
1/13/2016	1820	1/11/2017	1720	1/10/2018	1665	1/10/2019	1460	1/13/2020	1255
1/14/2016	1810	1/12/2017	1735	1/11/2018	1670	1/11/2019	1480	1/14/2020	1290
1/15/2016	1810	1/13/2017	1730	1/12/2018	1685	1/14/2019	1475	1/15/2020	1265
1/18/2016	1775	1/16/2017	1730	1/15/2018	1700	1/15/2019	1510	1/16/2020	1275
1/19/2016	1780	1/17/2017	1765	1/16/2018	1710	1/16/2019	1480	1/17/2020	1275

1/20/2016	1710	1/18/2017	1800	1/17/2018	1715	1/17/2019	1400	1/20/2020	1265
1/21/2016	1650	1/19/2017	1870	1/18/2018	1725	1/18/2019	1400	1/21/2020	1200
1/22/2016	1655	1/20/2017	1845	1/19/2018	1690	1/21/2019	1330	1/22/2020	1170
1/25/2016	1650	1/23/2017	1805	1/22/2018	1665	1/22/2019	1400	1/23/2020	1210
1/26/2016	1685	1/24/2017	1845	1/23/2018	1690	1/23/2019	1440	1/24/2020	1185
1/27/2016	1700	1/25/2017	1860	1/24/2018	1735	1/24/2019	1395	1/27/2020	1135
1/28/2016	1725	1/26/2017	1875	1/25/2018	1725	1/25/2019	1450	1/28/2020	1180
1/29/2016	1730	1/27/2017	1860	1/26/2018	1770	1/28/2019	1385	1/29/2020	1165
		1/30/2017	1840	1/29/2018	1840	1/29/2019	1375	1/30/2020	1135
		1/31/2017	1830	1/30/2018	1780	1/30/2019	1325	1/31/2020	1115
				1/31/2018	1820	1/31/2019	1330		

INTP									
2016		2017		2018		2019		2020	
Tanggal	P	Tanggal	P	Tanggal	P	Tanggal	P	Tanggal	P
1/4/2016	21325	1/2/2017	15400	1/1/2018	21950	1/1/2019	18450	1/2/2020	18525
1/5/2016	20875	1/3/2017	15300	1/2/2018	23000	1/2/2019	18100	1/3/2020	18875
1/6/2016	21900	1/4/2017	15875	1/3/2018	23000	1/3/2019	18550	1/6/2020	18875
1/7/2016	21100	1/5/2017	16000	1/4/2018	23000	1/4/2019	18275	1/7/2020	18900
1/8/2016	20600	1/6/2017	15900	1/5/2018	23225	1/7/2019	18025	1/8/2020	18200
1/11/2016	19750	1/9/2017	15450	1/8/2018	23250	1/8/2019	17400	1/9/2020	18500
1/12/2016	19650	1/10/2017	15250	1/9/2018	23000	1/9/2019	17175	1/10/2020	18125
1/13/2016	20250	1/11/2017	15075	1/10/2018	23150	1/10/2019	17150	1/13/2020	18400
1/14/2016	19775	1/12/2017	15025	1/11/2018	23000	1/11/2019	18050	1/14/2020	18625
1/15/2016	19625	1/13/2017	14950	1/12/2018	22700	1/14/2019	18000	1/15/2020	18575
1/18/2016	19350	1/16/2017	14900	1/15/2018	22200	1/15/2019	18075	1/16/2020	18625
1/19/2016	19400	1/17/2017	14775	1/16/2018	22350	1/16/2019	17800	1/17/2020	18750
1/20/2016	18650	1/18/2017	14800	1/17/2018	23000	1/17/2019	18500	1/20/2020	18375
1/21/2016	18225	1/19/2017	14925	1/18/2018	23000	1/18/2019	18800	1/21/2020	18500
1/22/2016	19025	1/20/2017	14625	1/19/2018	22575	1/21/2019	18975	1/22/2020	18350
1/25/2016	19550	1/23/2017	14775	1/22/2018	21450	1/22/2019	19975	1/23/2020	18575
1/26/2016	19225	1/24/2017	14800	1/23/2018	21700	1/23/2019	19875	1/24/2020	18825
1/27/2016	19775	1/25/2017	15075	1/24/2018	21375	1/24/2019	19900	1/27/2020	18550
1/28/2016	20000	1/26/2017	15575	1/25/2018	21150	1/25/2019	20100	1/28/2020	18350
1/29/2016	19700	1/27/2017	15900	1/26/2018	21700	1/28/2019	19800	1/29/2020	17825
		1/30/2017	15875	1/29/2018	21900	1/29/2019	19975	1/30/2020	17225
		1/31/2017	15025	1/30/2018	21500	1/30/2019	19175	1/31/2020	16475



				1/31/2018	21800	1/31/2019	19225		
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LPPF									
2016		2017		2018		2019		2020	
Tanggal	P	Tanggal	P	Tanggal	P	Tanggal	P	Tanggal	P
1/4/2016	17275	1/2/2017	15125	1/1/2018	10000	1/1/2019	5600	1/2/2020	4120
1/5/2016	16500	1/3/2017	15050	1/2/2018	10675	1/2/2019	5625	1/3/2020	4040
1/6/2016	17100	1/4/2017	15150	1/3/2018	10950	1/3/2019	5775	1/6/2020	4200
1/7/2016	16425	1/5/2017	15525	1/4/2018	11075	1/4/2019	5775	1/7/2020	4190
1/8/2016	16125	1/6/2017	15800	1/5/2018	11500	1/7/2019	5775	1/8/2020	4150
1/11/2016	16150	1/9/2017	15575	1/8/2018	11250	1/8/2019	5725	1/9/2020	4140
1/12/2016	16325	1/10/2017	15675	1/9/2018	11025	1/9/2019	5750	1/10/2020	4120
1/13/2016	16975	1/11/2017	15325	1/10/2018	11025	1/10/2019	6150	1/13/2020	4230
1/14/2016	16650	1/12/2017	15250	1/11/2018	11375	1/11/2019	6000	1/14/2020	4280
1/15/2016	17375	1/13/2017	15150	1/12/2018	10625	1/14/2019	6000	1/15/2020	4280
1/18/2016	17050	1/16/2017	14925	1/15/2018	10800	1/15/2019	6225	1/16/2020	4280
1/19/2016	17225	1/17/2017	14925	1/16/2018	10425	1/16/2019	6150	1/17/2020	4250
1/20/2016	16800	1/18/2017	14700	1/17/2018	10625	1/17/2019	5900	1/20/2020	4150
1/21/2016	16500	1/19/2017	14900	1/18/2018	10600	1/18/2019	6000	1/21/2020	4040
1/22/2016	16200	1/20/2017	14875	1/19/2018	11000	1/21/2019	6275	1/22/2020	4020
1/25/2016	15900	1/23/2017	14875	1/22/2018	10625	1/22/2019	6600	1/23/2020	3900
1/26/2016	16000	1/24/2017	15025	1/23/2018	11075	1/23/2019	6600	1/24/2020	3710
1/27/2016	16100	1/25/2017	15150	1/24/2018	11225	1/24/2019	6775	1/27/2020	3550
1/28/2016	16425	1/26/2017	15100	1/25/2018	11225	1/25/2019	7075	1/28/2020	3600
1/29/2016	16000	1/27/2017	14950	1/26/2018	11200	1/28/2019	7250	1/29/2020	3470
		1/30/2017	14975	1/29/2018	11100	1/29/2019	6975	1/30/2020	3360
		1/31/2017	14775	1/30/2018	10975	1/30/2019	6775	1/31/2020	2940
				1/31/2018	11125	1/31/2019	7000		

PGAS									
2016		2017		2018		2019		2020	
Tanggal	P	Tanggal	P	Tanggal	P	Tanggal	P	Tanggal	P
1/4/2016	2660	1/2/2017	2700	1/1/2018	1750	1/1/2019	2120	1/2/2020	2140
1/5/2016	2685	1/3/2017	2820	1/2/2018	1765	1/2/2019	2210	1/3/2020	2160
1/6/2016	2695	1/4/2017	2870	1/3/2018	1755	1/3/2019	2200	1/6/2020	2150

1/7/2016	2560	1/5/2017	2860	1/4/2018	1760	1/4/2019	2200	1/7/2020	2100
1/8/2016	2555	1/6/2017	2840	1/5/2018	1790	1/7/2019	2270	1/8/2020	2100
1/11/2016	2480	1/9/2017	2760	1/8/2018	1840	1/8/2019	2260	1/9/2020	2100
1/12/2016	2530	1/10/2017	2740	1/9/2018	1805	1/9/2019	2260	1/10/2020	2080
1/13/2016	2665	1/11/2017	2800	1/10/2018	1825	1/10/2019	2290	1/13/2020	2090
1/14/2016	2615	1/12/2017	2730	1/11/2018	1800	1/11/2019	2300	1/14/2020	2090
1/15/2016	2650	1/13/2017	2760	1/12/2018	1780	1/14/2019	2300	1/15/2020	2040
1/18/2016	2540	1/16/2017	2700	1/15/2018	1765	1/15/2019	2320	1/16/2020	2030
1/19/2016	2495	1/17/2017	2670	1/16/2018	1880	1/16/2019	2410	1/17/2020	2020
1/20/2016	2370	1/18/2017	2730	1/17/2018	2360	1/17/2019	2420	1/20/2020	1965
1/21/2016	2360	1/19/2017	2720	1/18/2018	2200	1/18/2019	2430	1/21/2020	1955
1/22/2016	2490	1/20/2017	2600	1/19/2018	2350	1/21/2019	2470	1/22/2020	1910
1/25/2016	2490	1/23/2017	2580	1/22/2018	2470	1/22/2019	2460	1/23/2020	1915
1/26/2016	2400	1/24/2017	2660	1/23/2018	2690	1/23/2019	2450	1/24/2020	1880
1/27/2016	2390	1/25/2017	2650	1/24/2018	2690	1/24/2019	2390	1/27/2020	1815
1/28/2016	2400	1/26/2017	2730	1/25/2018	2650	1/25/2019	2420	1/28/2020	1810
1/29/2016	2405	1/27/2017	2800	1/26/2018	2630	1/28/2019	2400	1/29/2020	1795
		1/30/2017	2880	1/29/2018	2490	1/29/2019	2370	1/30/2020	1800
		1/31/2017	2880	1/30/2018	2380	1/30/2019	2530	1/31/2020	1705
				1/31/2018	2610	1/31/2019	2570		

PTPP									
2016		2017		2018		2019		2020	
Tanggal	P	Tanggal	P	Tanggal	P	Tanggal	P	Tanggal	P
1/4/2016	3607.054	1/2/2017	3810	1/1/2018	2640	1/1/2019	1805	1/2/2020	1610
1/5/2016	3640.321	1/3/2017	3690	1/2/2018	2620	1/2/2019	1910	1/3/2020	1710
1/6/2016	3683.093	1/4/2017	3710	1/3/2018	2550	1/3/2019	1975	1/6/2020	1695
1/7/2016	3664.083	1/5/2017	3690	1/4/2018	2650	1/4/2019	1960	1/7/2020	1690
1/8/2016	3754.378	1/6/2017	3770	1/5/2018	2680	1/7/2019	2100	1/8/2020	1625
1/11/2016	3706.854	1/9/2017	3750	1/8/2018	2880	1/8/2019	2200	1/9/2020	1675
1/12/2016	3773.388	1/10/2017	3760	1/9/2018	3040	1/9/2019	2190	1/10/2020	1700
1/13/2016	3801.902	1/11/2017	3710	1/10/2018	3000	1/10/2019	2220	1/13/2020	1700
1/14/2016	3768.635	1/12/2017	3710	1/11/2018	3010	1/11/2019	2140	1/14/2020	1695
1/15/2016	3744.873	1/13/2017	3650	1/12/2018	2960	1/14/2019	2240	1/15/2020	1625
1/18/2016	3683.093	1/16/2017	3580	1/15/2018	2980	1/15/2019	2430	1/16/2020	1620
1/19/2016	3749.626	1/17/2017	3550	1/16/2018	3030	1/16/2019	2380	1/17/2020	1610
1/20/2016	3754.378	1/18/2017	3590	1/17/2018	3100	1/17/2019	2340	1/20/2020	1545

1/21/2016	3744.873	1/19/2017	3600	1/18/2018	3060	1/18/2019	2390	1/21/2020	1520
1/22/2016	3744.873	1/20/2017	3580	1/19/2018	2960	1/21/2019	2340	1/22/2020	1515
1/25/2016	3716.359	1/23/2017	3520	1/22/2018	2920	1/22/2019	2310	1/23/2020	1500
1/26/2016	3754.378	1/24/2017	3500	1/23/2018	2940	1/23/2019	2290	1/24/2020	1495
1/27/2016	3763.883	1/25/2017	3480	1/24/2018	3210	1/24/2019	2280	1/27/2020	1420
1/28/2016	3744.873	1/26/2017	3520	1/25/2018	3220	1/25/2019	2350	1/28/2020	1465
1/29/2016	3706.854	1/27/2017	3450	1/26/2018	3210	1/28/2019	2280	1/29/2020	1435
		1/30/2017	3520	1/29/2018	3200	1/29/2019	2150	1/30/2020	1395
		1/31/2017	3590	1/30/2018	3100	1/30/2019	2180	1/31/2020	1380
				1/31/2018	3130	1/31/2019	2340		

SCMA									
2016		2017		2018		2019		2020	
Tanggal	P	Tanggal	P	Tanggal	P	Tanggal	P	Tanggal	P
1/4/2016	3145	1/2/2017	2800	1/1/2018	2480	1/1/2019	1870	1/2/2020	1385
1/5/2016	3235	1/3/2017	2800	1/2/2018	2450	1/2/2019	1865	1/3/2020	1390
1/6/2016	3295	1/4/2017	2890	1/3/2018	2470	1/3/2019	1890	1/6/2020	1395
1/7/2016	3290	1/5/2017	2900	1/4/2018	2490	1/4/2019	1840	1/7/2020	1415
1/8/2016	3245	1/6/2017	2940	1/5/2018	2500	1/7/2019	1880	1/8/2020	1400
1/11/2016	3040	1/9/2017	2880	1/8/2018	2480	1/8/2019	1835	1/9/2020	1490
1/12/2016	3100	1/10/2017	2830	1/9/2018	2470	1/9/2019	1845	1/10/2020	1495
1/13/2016	3075	1/11/2017	2800	1/10/2018	2420	1/10/2019	1950	1/13/2020	1480
1/14/2016	2950	1/12/2017	2850	1/11/2018	2380	1/11/2019	1950	1/14/2020	1480
1/15/2016	2950	1/13/2017	2790	1/12/2018	2370	1/14/2019	1905	1/15/2020	1455
1/18/2016	2830	1/16/2017	2760	1/15/2018	2420	1/15/2019	1925	1/16/2020	1580
1/19/2016	2830	1/17/2017	2690	1/16/2018	2490	1/16/2019	2010	1/17/2020	1565
1/20/2016	2700	1/18/2017	2680	1/17/2018	2510	1/17/2019	1975	1/20/2020	1600
1/21/2016	2730	1/19/2017	2680	1/18/2018	2530	1/18/2019	1945	1/21/2020	1585
1/22/2016	2720	1/20/2017	2660	1/19/2018	2520	1/21/2019	1940	1/22/2020	1580
1/25/2016	2750	1/23/2017	2620	1/22/2018	2520	1/22/2019	2000	1/23/2020	1550
1/26/2016	2655	1/24/2017	2670	1/23/2018	2540	1/23/2019	1970	1/24/2020	1545
1/27/2016	2670	1/25/2017	2750	1/24/2018	2530	1/24/2019	1980	1/27/2020	1470
1/28/2016	2675	1/26/2017	2840	1/25/2018	2520	1/25/2019	1960	1/28/2020	1470
1/29/2016	2700	1/27/2017	2900	1/26/2018	2520	1/28/2019	1965	1/29/2020	1500
		1/30/2017	2870	1/29/2018	2620	1/29/2019	1905	1/30/2020	1475
		1/31/2017	2820	1/30/2018	2580	1/30/2019	1875	1/31/2020	1440
				1/31/2018	2690	1/31/2019	1885		

ANTM									
2016		2017		2018		2019		2020	
Tanggal	P	Tanggal	P	Tanggal	P	Tanggal	P	Tanggal	P
1/4/2016	296	1/2/2017	895	1/1/2018	625	1/1/2019	765	1/2/2020	840
1/5/2016	302	1/3/2017	885	1/2/2018	635	1/2/2019	740	1/3/2020	850
1/6/2016	300	1/4/2017	865	1/3/2018	630	1/3/2019	750	1/6/2020	885
1/7/2016	294	1/5/2017	870	1/4/2018	640	1/4/2019	760	1/7/2020	875
1/8/2016	299	1/6/2017	865	1/5/2018	655	1/7/2019	770	1/8/2020	905
1/11/2016	303	1/9/2017	855	1/8/2018	650	1/8/2019	760	1/9/2020	880
1/12/2016	302	1/10/2017	865	1/9/2018	655	1/9/2019	780	1/10/2020	885
1/13/2016	301	1/11/2017	875	1/10/2018	650	1/10/2019	790	1/13/2020	870
1/14/2016	310	1/12/2017	865	1/11/2018	650	1/11/2019	790	1/14/2020	850
1/15/2016	315	1/13/2017	920	1/12/2018	665	1/14/2019	780	1/15/2020	835
1/18/2016	314	1/16/2017	905	1/15/2018	660	1/15/2019	820	1/16/2020	845
1/19/2016	314	1/17/2017	895	1/16/2018	705	1/16/2019	870	1/17/2020	840
1/20/2016	304	1/18/2017	895	1/17/2018	730	1/17/2019	845	1/20/2020	795
1/21/2016	304	1/19/2017	900	1/18/2018	740	1/18/2019	850	1/21/2020	795
1/22/2016	308	1/20/2017	885	1/19/2018	760	1/21/2019	855	1/22/2020	770
1/25/2016	311	1/23/2017	865	1/22/2018	775	1/22/2019	830	1/23/2020	780
1/26/2016	314	1/24/2017	805	1/23/2018	800	1/23/2019	860	1/24/2020	785
1/27/2016	325	1/25/2017	805	1/24/2018	780	1/24/2019	895	1/27/2020	750
1/28/2016	323	1/26/2017	810	1/25/2018	845	1/25/2019	930	1/28/2020	750
1/29/2016	329	1/27/2017	805	1/26/2018	855	1/28/2019	910	1/29/2020	750
		1/30/2017	800	1/29/2018	905	1/29/2019	920	1/30/2020	740
		1/31/2017	800	1/30/2018	910	1/30/2019	950	1/31/2020	720
				1/31/2018	915	1/31/2019	965		

CTRA									
2016		2017		2018		2019		2020	
Tanggal	P	Tanggal	P	Tanggal	P	Tanggal	P	Tanggal	P
1/4/2016	1416.257	1/2/2017	1335	1/1/2018	1185	1/1/2019	1010	1/2/2020	1025
1/5/2016	1426.196	1/3/2017	1300	1/2/2018	1160	1/2/2019	990	1/3/2020	1050
1/6/2016	1426.196	1/4/2017	1335	1/3/2018	1140	1/3/2019	1045	1/6/2020	1020
1/7/2016	1470.92	1/5/2017	1310	1/4/2018	1135	1/4/2019	1040	1/7/2020	1020

1/8/2016	1436.135	1/6/2017	1305	1/5/2018	1130	1/7/2019	1085	1/8/2020	1015
1/11/2016	1346.687	1/9/2017	1300	1/8/2018	1160	1/8/2019	1040	1/9/2020	1015
1/12/2016	1396.38	1/10/2017	1300	1/9/2018	1150	1/9/2019	1040	1/10/2020	1035
1/13/2016	1451.043	1/11/2017	1275	1/10/2018	1195	1/10/2019	1055	1/13/2020	1060
1/14/2016	1426.196	1/12/2017	1270	1/11/2018	1180	1/11/2019	1060	1/14/2020	1065
1/15/2016	1406.319	1/13/2017	1270	1/12/2018	1175	1/14/2019	1045	1/15/2020	1045
1/18/2016	1356.626	1/16/2017	1250	1/15/2018	1185	1/15/2019	1050	1/16/2020	1050
1/19/2016	1341.718	1/17/2017	1265	1/16/2018	1175	1/16/2019	1045	1/17/2020	1050
1/20/2016	1257.239	1/18/2017	1285	1/17/2018	1185	1/17/2019	1010	1/20/2020	1025
1/21/2016	1267.178	1/19/2017	1325	1/18/2018	1185	1/18/2019	980	1/21/2020	1005
1/22/2016	1252.27	1/20/2017	1315	1/19/2018	1170	1/21/2019	950	1/22/2020	975
1/25/2016	1272.147	1/23/2017	1280	1/22/2018	1155	1/22/2019	960	1/23/2020	990
1/26/2016	1272.147	1/24/2017	1305	1/23/2018	1155	1/23/2019	990	1/24/2020	990
1/27/2016	1301.963	1/25/2017	1340	1/24/2018	1240	1/24/2019	990	1/27/2020	945
1/28/2016	1287.055	1/26/2017	1325	1/25/2018	1250	1/25/2019	980	1/28/2020	960
1/29/2016	1262.208	1/27/2017	1315	1/26/2018	1295	1/28/2019	925	1/29/2020	945
		1/30/2017	1325	1/29/2018	1380	1/29/2019	905	1/30/2020	915
		1/31/2017	1320	1/30/2018	1330	1/30/2019	880	1/31/2020	895
				1/31/2018	1360	1/31/2019	975		

EXCL									
2016		2017		2018		2019		2020	
Tanggal	P	Tanggal	P	Tanggal	P	Tanggal	P	Tanggal	P
1/4/2016	3649.646	1/2/2017	2310	1/1/2018	2960	1/1/2019	1980	1/2/2020	3210
1/5/2016	3620.054	1/3/2017	2280	1/2/2018	2880	1/2/2019	1980	1/3/2020	3200
1/6/2016	3629.918	1/4/2017	2320	1/3/2018	2920	1/3/2019	2020	1/6/2020	3240
1/7/2016	3610.19	1/5/2017	2560	1/4/2018	2920	1/4/2019	2040	1/7/2020	3250
1/8/2016	3486.891	1/6/2017	2650	1/5/2018	3010	1/7/2019	2140	1/8/2020	3300
1/11/2016	3338.933	1/9/2017	2640	1/8/2018	3210	1/8/2019	2190	1/9/2020	3290
1/12/2016	3551.007	1/10/2017	2670	1/9/2018	3350	1/9/2019	2250	1/10/2020	3290
1/13/2016	3654.578	1/11/2017	2690	1/10/2018	3230	1/10/2019	2250	1/13/2020	3310
1/14/2016	3659.51	1/12/2017	2770	1/11/2018	3290	1/11/2019	2200	1/14/2020	3330
1/15/2016	3620.054	1/13/2017	2770	1/12/2018	3200	1/14/2019	2110	1/15/2020	3250
1/18/2016	3551.007	1/16/2017	2780	1/15/2018	3180	1/15/2019	2190	1/16/2020	3330
1/19/2016	3669.374	1/17/2017	2770	1/16/2018	3220	1/16/2019	2310	1/17/2020	3360
1/20/2016	3511.551	1/18/2017	2720	1/17/2018	3220	1/17/2019	2300	1/20/2020	3360
1/21/2016	3629.918	1/19/2017	2650	1/18/2018	3200	1/18/2019	2290	1/21/2020	3300

1/22/2016	3595.394	1/20/2017	2660	1/19/2018	3150	1/21/2019	2250	1/22/2020	3200
1/25/2016	3551.007	1/23/2017	2630	1/22/2018	3000	1/22/2019	2270	1/23/2020	3220
1/26/2016	3343.865	1/24/2017	2680	1/23/2018	3110	1/23/2019	2320	1/24/2020	3190
1/27/2016	3343.865	1/25/2017	2830	1/24/2018	3090	1/24/2019	2330	1/27/2020	3060
1/28/2016	3353.729	1/26/2017	2910	1/25/2018	3010	1/25/2019	2190	1/28/2020	3050
1/29/2016	3624.986	1/27/2017	2870	1/26/2018	3130	1/28/2019	2130	1/29/2020	3010
		1/30/2017	2890	1/29/2018	3130	1/29/2019	2060	1/30/2020	2940
		1/31/2017	2910	1/30/2018	3020	1/30/2019	2110	1/31/2020	2900
				1/31/2018	2990	1/31/2019	2170		

JSMR									
2016		2017		2018		2019		2020	
Tanggal	P	Tanggal	P	Tanggal	P	Tanggal	P	Tanggal	P
1/4/2016	5013.259	1/2/2017	4320	1/1/2018	6400	1/1/2019	4280	1/2/2020	5175
1/5/2016	5237.733	1/3/2017	4320	1/2/2018	6275	1/2/2019	4290	1/3/2020	5250
1/6/2016	5736.565	1/4/2017	4330	1/3/2018	6350	1/3/2019	4570	1/6/2020	5175
1/7/2016	5761.506	1/5/2017	4330	1/4/2018	6325	1/4/2019	4800	1/7/2020	5075
1/8/2016	5711.624	1/6/2017	4350	1/5/2018	6500	1/7/2019	4810	1/8/2020	5075
1/11/2016	5611.857	1/9/2017	4280	1/8/2018	6575	1/8/2019	4790	1/9/2020	5100
1/12/2016	5786.448	1/10/2017	4260	1/9/2018	6400	1/9/2019	4930	1/10/2020	5200
1/13/2016	5936.098	1/11/2017	4270	1/10/2018	6300	1/10/2019	4920	1/13/2020	5225
1/14/2016	5811.39	1/12/2017	4250	1/11/2018	6225	1/11/2019	4930	1/14/2020	5250
1/15/2016	5786.448	1/13/2017	4250	1/12/2018	6225	1/14/2019	4820	1/15/2020	5175
1/18/2016	5611.857	1/16/2017	4230	1/15/2018	6250	1/15/2019	4890	1/16/2020	5225
1/19/2016	5611.857	1/17/2017	4180	1/16/2018	6350	1/16/2019	5075	1/17/2020	5175
1/20/2016	5586.916	1/18/2017	4190	1/17/2018	6300	1/17/2019	5000	1/20/2020	5050
1/21/2016	5537.032	1/19/2017	4250	1/18/2018	6250	1/18/2019	4900	1/21/2020	5075
1/22/2016	5661.74	1/20/2017	4170	1/19/2018	6200	1/21/2019	4840	1/22/2020	4970
1/25/2016	5711.624	1/23/2017	4150	1/22/2018	6025	1/22/2019	4940	1/23/2020	5050
1/26/2016	5761.506	1/24/2017	4190	1/23/2018	6075	1/23/2019	5025	1/24/2020	5075
1/27/2016	5786.448	1/25/2017	4180	1/24/2018	5950	1/24/2019	4870	1/27/2020	4860
1/28/2016	5686.682	1/26/2017	4240	1/25/2018	5700	1/25/2019	4890	1/28/2020	4820
1/29/2016	5736.565	1/27/2017	4220	1/26/2018	5725	1/28/2019	4860	1/29/2020	4900
		1/30/2017	4230	1/29/2018	5700	1/29/2019	4880	1/30/2020	4800
		1/31/2017	4220	1/30/2018	5600	1/30/2019	4820	1/31/2020	4600
				1/31/2018	5700	1/31/2019	4920		

LPKR									
2016		2017		2018		2019		2020	
Tanggal	P	Tanggal	P	Tanggal	P	Tanggal	P	Tanggal	P
1/4/2016	805.4712	1/2/2017	571.3687	1/1/2018	387.261	1/1/2019	201.5662	1/2/2020	232
1/5/2016	813.4069	1/3/2017	571.3687	1/2/2018	384.0867	1/2/2019	199.9791	1/3/2020	236
1/6/2016	809.439	1/4/2017	626.9185	1/3/2018	382.4996	1/3/2019	212.6761	1/6/2020	236
1/7/2016	801.5034	1/5/2017	626.9185	1/4/2018	388.8481	1/4/2019	209.5019	1/7/2020	238
1/8/2016	821.3425	1/6/2017	618.9828	1/5/2018	388.8481	1/7/2019	214.2633	1/8/2020	236
1/11/2016	801.5034	1/9/2017	611.0471	1/8/2018	395.1967	1/8/2019	211.089	1/9/2020	236
1/12/2016	813.4069	1/10/2017	618.9828	1/9/2018	396.7838	1/9/2019	211.089	1/10/2020	236
1/13/2016	845.1495	1/11/2017	615.015	1/10/2018	395.1967	1/10/2019	206.3276	1/13/2020	234
1/14/2016	841.1817	1/12/2017	611.0471	1/11/2018	387.261	1/11/2019	209.5019	1/14/2020	236
1/15/2016	841.1817	1/13/2017	595.1757	1/12/2018	384.0867	1/14/2019	211.089	1/15/2020	232
1/18/2016	833.246	1/16/2017	571.3687	1/15/2018	385.6739	1/15/2019	230.1346	1/16/2020	234
1/19/2016	833.246	1/17/2017	571.3687	1/16/2018	387.261	1/16/2019	226.9603	1/17/2020	232
1/20/2016	793.5676	1/18/2017	583.2722	1/17/2018	400.7517	1/17/2019	223.7861	1/20/2020	234
1/21/2016	813.4069	1/19/2017	599.1436	1/18/2018	408.6873	1/18/2019	217.4375	1/21/2020	234
1/22/2016	821.3425	1/20/2017	579.3044	1/19/2018	404.7195	1/21/2019	211.089	1/22/2020	230
1/25/2016	825.3104	1/23/2017	579.3044	1/22/2018	396.7838	1/22/2019	211.089	1/23/2020	238
1/26/2016	829.2782	1/24/2017	575.3365	1/23/2018	400.7517	1/23/2019	228.5475	1/24/2020	236
1/27/2016	825.3104	1/25/2017	575.3365	1/24/2018	404.7195	1/24/2019	230.1346	1/27/2020	234
1/28/2016	829.2782	1/26/2017	575.3365	1/25/2018	396.7838	1/25/2019	226.9603	1/28/2020	232
1/29/2016	837.2139	1/27/2017	571.3687	1/26/2018	432.4944	1/28/2019	226.9603	1/29/2020	230
		1/30/2017	579.3044	1/29/2018	456.3014	1/29/2019	234.896	1/30/2020	230
		1/31/2017	583.2722	1/30/2018	440.4301	1/30/2019	228.5475	1/31/2020	230
				1/31/2018	436.4622	1/31/2019	222.1989		

PWON									
2016		2017		2018		2019		2020	
Tanggal	P	Tanggal	P	Tanggal	P	Tanggal	P	Tanggal	P
1/4/2016	496	1/2/2017	565	1/1/2018	685	1/1/2019	620	1/2/2020	570
1/5/2016	490	1/3/2017	580	1/2/2018	685	1/2/2019	620	1/3/2020	565
1/6/2016	487	1/4/2017	595	1/3/2018	690	1/3/2019	640	1/6/2020	545
1/7/2016	479	1/5/2017	595	1/4/2018	695	1/4/2019	645	1/7/2020	545
1/8/2016	479	1/6/2017	605	1/5/2018	710	1/7/2019	660	1/8/2020	540

1/11/2016	464	1/9/2017	585	1/8/2018	715	1/8/2019	670	1/9/2020	570
1/12/2016	484	1/10/2017	580	1/9/2018	700	1/9/2019	660	1/10/2020	560
1/13/2016	496	1/11/2017	585	1/10/2018	680	1/10/2019	655	1/13/2020	585
1/14/2016	478	1/12/2017	595	1/11/2018	700	1/11/2019	675	1/14/2020	595
1/15/2016	469	1/13/2017	595	1/12/2018	705	1/14/2019	670	1/15/2020	590
1/18/2016	450	1/16/2017	595	1/15/2018	695	1/15/2019	680	1/16/2020	585
1/19/2016	461	1/17/2017	590	1/16/2018	700	1/16/2019	670	1/17/2020	585
1/20/2016	439	1/18/2017	580	1/17/2018	685	1/17/2019	670	1/20/2020	585
1/21/2016	427	1/19/2017	600	1/18/2018	700	1/18/2019	660	1/21/2020	575
1/22/2016	437	1/20/2017	585	1/19/2018	700	1/21/2019	670	1/22/2020	560
1/25/2016	447	1/23/2017	585	1/22/2018	690	1/22/2019	680	1/23/2020	570
1/26/2016	435	1/24/2017	570	1/23/2018	715	1/23/2019	690	1/24/2020	570
1/27/2016	443	1/25/2017	575	1/24/2018	705	1/24/2019	705	1/27/2020	545
1/28/2016	440	1/26/2017	575	1/25/2018	695	1/25/2019	720	1/28/2020	550
1/29/2016	448	1/27/2017	570	1/26/2018	690	1/28/2019	700	1/29/2020	545
		1/30/2017	575	1/29/2018	710	1/29/2019	690	1/30/2020	535
		1/31/2017	560	1/30/2018	695	1/30/2019	660	1/31/2020	520
				1/31/2018	710	1/31/2019	650		

SMRA									
2016		2017		2018		2019		2020	
Tanggal	P	Tanggal	P	Tanggal	P	Tanggal	P	Tanggal	P
1/4/2016	1575	1/2/2017	1325	1/1/2018	945	1/1/2019	805	1/2/2020	1000
1/5/2016	1575	1/3/2017	1310	1/2/2018	940	1/2/2019	805	1/3/2020	1020
1/6/2016	1590	1/4/2017	1360	1/3/2018	915	1/3/2019	840	1/6/2020	990
1/7/2016	1585	1/5/2017	1340	1/4/2018	940	1/4/2019	855	1/7/2020	975
1/8/2016	1610	1/6/2017	1355	1/5/2018	970	1/7/2019	885	1/8/2020	955
1/11/2016	1565	1/9/2017	1375	1/8/2018	990	1/8/2019	860	1/9/2020	970
1/12/2016	1600	1/10/2017	1325	1/9/2018	1000	1/9/2019	880	1/10/2020	980
1/13/2016	1575	1/11/2017	1325	1/10/2018	1025	1/10/2019	950	1/13/2020	1010
1/14/2016	1550	1/12/2017	1360	1/11/2018	1000	1/11/2019	1020	1/14/2020	1035
1/15/2016	1550	1/13/2017	1335	1/12/2018	1020	1/14/2019	1000	1/15/2020	1030
1/18/2016	1510	1/16/2017	1295	1/15/2018	1015	1/15/2019	1040	1/16/2020	1035
1/19/2016	1535	1/17/2017	1300	1/16/2018	1015	1/16/2019	1015	1/17/2020	1020
1/20/2016	1475	1/18/2017	1315	1/17/2018	1020	1/17/2019	990	1/20/2020	1005
1/21/2016	1430	1/19/2017	1400	1/18/2018	1030	1/18/2019	970	1/21/2020	980
1/22/2016	1440	1/20/2017	1355	1/19/2018	1025	1/21/2019	965	1/22/2020	955



1/25/2016	1465	1/23/2017	1345	1/22/2018	1015	1/22/2019	970	1/23/2020	945
1/26/2016	1460	1/24/2017	1395	1/23/2018	1030	1/23/2019	1015	1/24/2020	935
1/27/2016	1470	1/25/2017	1375	1/24/2018	1050	1/24/2019	1030	1/27/2020	885
1/28/2016	1450	1/26/2017	1400	1/25/2018	1035	1/25/2019	1020	1/28/2020	930
1/29/2016	1445	1/27/2017	1365	1/26/2018	1065	1/28/2019	1010	1/29/2020	910
		1/30/2017	1340	1/29/2018	1125	1/29/2019	1000	1/30/2020	865
		1/31/2017	1310	1/30/2018	1140	1/30/2019	995	1/31/2020	845
				1/31/2018	1120	1/31/2019	1035		

WSKT									
2016		2017		2018		2019		2020	
Tanggal	P	Tanggal	P	Tanggal	P	Tanggal	P	Tanggal	P
1/4/2016	1620	1/2/2017	2550	1/1/2018	2210	1/1/2019	1680	1/2/2020	1505
1/5/2016	1645	1/3/2017	2540	1/2/2018	2190	1/2/2019	1760	1/3/2020	1545
1/6/2016	1690	1/4/2017	2600	1/3/2018	2160	1/3/2019	1885	1/6/2020	1510
1/7/2016	1700	1/5/2017	2550	1/4/2018	2290	1/4/2019	1920	1/7/2020	1505
1/8/2016	1705	1/6/2017	2580	1/5/2018	2300	1/7/2019	1940	1/8/2020	1440
1/11/2016	1685	1/9/2017	2540	1/8/2018	2400	1/8/2019	1995	1/9/2020	1470
1/12/2016	1695	1/10/2017	2580	1/9/2018	2510	1/9/2019	2010	1/10/2020	1475
1/13/2016	1750	1/11/2017	2590	1/10/2018	2510	1/10/2019	1985	1/13/2020	1500
1/14/2016	1725	1/12/2017	2600	1/11/2018	2560	1/11/2019	1960	1/14/2020	1500
1/15/2016	1705	1/13/2017	2640	1/12/2018	2560	1/14/2019	1975	1/15/2020	1460
1/18/2016	1705	1/16/2017	2630	1/15/2018	2600	1/15/2019	2090	1/16/2020	1445
1/19/2016	1750	1/17/2017	2640	1/16/2018	2650	1/16/2019	2080	1/17/2020	1445
1/20/2016	1705	1/18/2017	2660	1/17/2018	2670	1/17/2019	2040	1/20/2020	1375
1/21/2016	1710	1/19/2017	2670	1/18/2018	2660	1/18/2019	2070	1/21/2020	1330
1/22/2016	1715	1/20/2017	2620	1/19/2018	2630	1/21/2019	2020	1/22/2020	1330
1/25/2016	1725	1/23/2017	2530	1/22/2018	2580	1/22/2019	1995	1/23/2020	1305
1/26/2016	1735	1/24/2017	2540	1/23/2018	2630	1/23/2019	1985	1/24/2020	1310
1/27/2016	1745	1/25/2017	2550	1/24/2018	2790	1/24/2019	1975	1/27/2020	1250
1/28/2016	1735	1/26/2017	2580	1/25/2018	2840	1/25/2019	2000	1/28/2020	1295
1/29/2016	1735	1/27/2017	2570	1/26/2018	2840	1/28/2019	1935	1/29/2020	1305
		1/30/2017	2560	1/29/2018	2840	1/29/2019	1845	1/30/2020	1255
		1/31/2017	2560	1/30/2018	2780	1/30/2019	1850	1/31/2020	1230
				1/31/2018	2830	1/31/2019	1975		

TPIA									
2016		2017		2018		2019		2020	
Tanggal	P	Tanggal	P	Tanggal	P	Tanggal	P	Tanggal	P
1/4/2016	676.3522	1/2/2017	4054.187	1/1/2018	6000	1/1/2019	5925	1/2/2020	10275
1/5/2016	676.3522	1/3/2017	4054.187	1/2/2018	5925	1/2/2019	6000	1/3/2020	10275
1/6/2016	667.5174	1/4/2017	4073.82	1/3/2018	5775	1/3/2019	6000	1/6/2020	9750
1/7/2016	667.5174	1/5/2017	4093.452	1/4/2018	5550	1/4/2019	5925	1/7/2020	9625
1/8/2016	667.5174	1/6/2017	4113.085	1/5/2018	5700	1/7/2019	5900	1/8/2020	9300
1/11/2016	667.5174	1/9/2017	4127.81	1/8/2018	5750	1/8/2019	5775	1/9/2020	9475
1/12/2016	667.5174	1/10/2017	4142.535	1/9/2018	5750	1/9/2019	5725	1/10/2020	9425
1/13/2016	667.5174	1/11/2017	4162.167	1/10/2018	5600	1/10/2019	5700	1/13/2020	9425
1/14/2016	667.5174	1/12/2017	4167.076	1/11/2018	5525	1/11/2019	5800	1/14/2020	9450
1/15/2016	667.5174	1/13/2017	4167.076	1/12/2018	5525	1/14/2019	5700	1/15/2020	9450
1/18/2016	667.5174	1/16/2017	4171.984	1/15/2018	5500	1/15/2019	5650	1/16/2020	9500
1/19/2016	667.5174	1/17/2017	4176.892	1/16/2018	5500	1/16/2019	5600	1/17/2020	9550
1/20/2016	667.5174	1/18/2017	4211.25	1/17/2018	5500	1/17/2019	5550	1/20/2020	9625
1/21/2016	667.5174	1/19/2017	4216.158	1/18/2018	5400	1/18/2019	5450	1/21/2020	9600
1/22/2016	667.5174	1/20/2017	4211.25	1/19/2018	5575	1/21/2019	5400	1/22/2020	9675
1/25/2016	667.5174	1/23/2017	4211.25	1/22/2018	5575	1/22/2019	5650	1/23/2020	9800
1/26/2016	667.5174	1/24/2017	4221.066	1/23/2018	5600	1/23/2019	5600	1/24/2020	9975
1/27/2016	687.1503	1/25/2017	4275.057	1/24/2018	5500	1/24/2019	5500	1/27/2020	9000
1/28/2016	687.1503	1/26/2017	4294.689	1/25/2018	6475	1/25/2019	5375	1/28/2020	8975
1/29/2016	687.1503	1/27/2017	4309.414	1/26/2018	6325	1/28/2019	5500	1/29/2020	9075
		1/30/2017	4338.863	1/29/2018	6475	1/29/2019	5700	1/30/2020	8925
		1/31/2017	4353.588	1/30/2018	6525	1/30/2019	5700	1/31/2020	8775
				1/31/2018	6525	1/31/2019	5875		

BRPT									
2016		2017		2018		2019		2020	
Tanggal	P	Tanggal	P	Tanggal	P	Tanggal	P	Tanggal	P
1/4/2016	13	1/2/2017	146.5	1/1/2018	452	1/1/2019	478	1/2/2020	1465
1/5/2016	13.5	1/3/2017	150	1/2/2018	450	1/2/2019	482	1/3/2020	1425
1/6/2016	13.4	1/4/2017	153	1/3/2018	428	1/3/2019	482	1/6/2020	1305
1/7/2016	13	1/5/2017	155.5	1/4/2018	410	1/4/2019	484	1/7/2020	1325
1/8/2016	13.3	1/6/2017	162	1/5/2018	420	1/7/2019	488	1/8/2020	1280
1/11/2016	13.3	1/9/2017	162.5	1/8/2018	418	1/8/2019	478	1/9/2020	1295

1/12/2016	13.3	1/10/2017	165	1/9/2018	426	1/9/2019	474	1/10/2020	1275
1/13/2016	14	1/11/2017	165	1/10/2018	428	1/10/2019	468	1/13/2020	1210
1/14/2016	15.2	1/12/2017	166.5	1/11/2018	420	1/11/2019	480	1/14/2020	1240
1/15/2016	15.8	1/13/2017	167	1/12/2018	422	1/14/2019	480	1/15/2020	1320
1/18/2016	16.8	1/16/2017	170.5	1/15/2018	440	1/15/2019	478	1/16/2020	1300
1/19/2016	20	1/17/2017	171.5	1/16/2018	450	1/16/2019	470	1/17/2020	1310
1/20/2016	20.8	1/18/2017	169	1/17/2018	442	1/17/2019	460	1/20/2020	1310
1/21/2016	20.9	1/19/2017	176.5	1/18/2018	442	1/18/2019	474	1/21/2020	1325
1/22/2016	20.8	1/20/2017	178	1/19/2018	438	1/21/2019	470	1/22/2020	1325
1/25/2016	20.5	1/23/2017	177	1/22/2018	430	1/22/2019	478	1/23/2020	1365
1/26/2016	20	1/24/2017	175	1/23/2018	444	1/23/2019	482	1/24/2020	1375
1/27/2016	20.6	1/25/2017	179.5	1/24/2018	440	1/24/2019	486	1/27/2020	1315
1/28/2016	21.1	1/26/2017	179	1/25/2018	462	1/25/2019	488	1/28/2020	1240
1/29/2016	21.2	1/27/2017	178	1/26/2018	478	1/28/2019	514	1/29/2020	1260
		1/30/2017	177.5	1/29/2018	504	1/29/2019	512	1/30/2020	1240
		1/31/2017	180.5	1/30/2018	500	1/30/2019	522	1/31/2020	1305
				1/31/2018	528	1/31/2019	522		

Lampiran 21. Daftar harga saham 29 emiten pada bulan Februari 2016-2020

ADRO									
2016		2017		2018		2019		2020	
Tanggal	P	Tanggal	P	Tanggal	P	Tanggal	P	Tanggal	P
2/1/2016	515	2/1/2017	1750	2/1/2018	2400	2/1/2019	1375	2/3/2020	1225
2/2/2016	555	2/2/2017	1740	2/2/2018	2470	2/4/2019	1360	2/4/2020	1270
2/3/2016	575	2/3/2017	1720	2/5/2018	2520	2/5/2019	1360	2/5/2020	1315
2/4/2016	620	2/6/2017	1740	2/6/2018	2450	2/6/2019	1365	2/6/2020	1305
2/5/2016	640	2/7/2017	1730	2/7/2018	2450	2/7/2019	1345	2/7/2020	1305
2/9/2016	590	2/8/2017	1720	2/8/2018	2420	2/8/2019	1305	2/10/2020	1280
2/10/2016	575	2/9/2017	1725	2/9/2018	2320	2/11/2019	1260	2/11/2020	1315
2/11/2016	605	2/10/2017	1710	2/12/2018	2350	2/12/2019	1275	2/12/2020	1330
2/12/2016	600	2/13/2017	1680	2/13/2018	2420	2/13/2019	1260	2/13/2020	1350
2/15/2016	585	2/14/2017	1645	2/14/2018	2440	2/14/2019	1240	2/14/2020	1320
2/16/2016	615	2/15/2017	1645	2/15/2018	2470	2/15/2019	1220	2/17/2020	1320
2/17/2016	620	2/16/2017	1700	2/16/2018	2470	2/18/2019	1245	2/18/2020	1330
2/18/2016	605	2/17/2017	1660	2/19/2018	2490	2/19/2019	1295	2/19/2020	1305
2/19/2016	585	2/20/2017	1695	2/20/2018	2430	2/20/2019	1345	2/20/2020	1350
2/22/2016	595	2/21/2017	1720	2/21/2018	2470	2/21/2019	1415	2/21/2020	1310

2/23/2016	595	2/22/2017	1705	2/22/2018	2480	2/22/2019	1410	2/24/2020	1285
2/24/2016	595	2/23/2017	1715	2/23/2018	2480	2/25/2019	1405	2/25/2020	1285
2/25/2016	570	2/24/2017	1700	2/26/2018	2390	2/26/2019	1350	2/26/2020	1250
2/26/2016	600	2/27/2017	1700	2/27/2018	2400	2/27/2019	1375	2/27/2020	1165
2/29/2016	605	2/28/2017	1695	2/28/2018	2350	2/28/2019	1310	2/28/2020	1155

AKRA									
2016		2017		2018		2019		2020	
Tanggal	P	Tanggal	P	Tanggal	P	Tanggal	P	Tanggal	P
2/1/2016	7400	2/1/2017	6650	2/1/2018	6000	2/1/2019	5425	2/3/2020	3160
2/2/2016	7525	2/2/2017	6900	2/2/2018	5825	2/4/2019	5400	2/4/2020	3200
2/3/2016	7800	2/3/2017	6925	2/5/2018	5650	2/5/2019	5400	2/5/2020	3230
2/4/2016	8125	2/6/2017	6900	2/6/2018	5625	2/6/2019	5550	2/6/2020	3310
2/5/2016	8375	2/7/2017	6700	2/7/2018	5550	2/7/2019	5375	2/7/2020	3400
2/9/2016	8175	2/8/2017	6650	2/8/2018	5725	2/8/2019	5350	2/10/2020	3290
2/10/2016	7900	2/9/2017	6575	2/9/2018	5675	2/11/2019	5350	2/11/2020	3250
2/11/2016	7975	2/10/2017	6475	2/12/2018	5900	2/12/2019	5350	2/12/2020	3120
2/12/2016	7900	2/13/2017	6650	2/13/2018	5950	2/13/2019	5450	2/13/2020	3050
2/15/2016	7850	2/14/2017	6550	2/14/2018	5925	2/14/2019	5775	2/14/2020	3040
2/16/2016	7625	2/15/2017	6550	2/15/2018	6075	2/15/2019	5725	2/17/2020	3070
2/17/2016	7675	2/16/2017	6525	2/16/2018	6075	2/18/2019	5675	2/18/2020	3100
2/18/2016	7750	2/17/2017	6425	2/19/2018	6150	2/19/2019	5550	2/19/2020	3040
2/19/2016	7700	2/20/2017	6125	2/20/2018	5975	2/20/2019	5725	2/20/2020	3060
2/22/2016	7625	2/21/2017	6150	2/21/2018	6000	2/21/2019	5750	2/21/2020	3050
2/23/2016	7225	2/22/2017	6350	2/22/2018	5900	2/22/2019	5750	2/24/2020	2990
2/24/2016	7650	2/23/2017	6600	2/23/2018	5925	2/25/2019	5675	2/25/2020	2970
2/25/2016	7725	2/24/2017	6775	2/26/2018	6025	2/26/2019	5475	2/26/2020	2890
2/26/2016	7775	2/27/2017	6425	2/27/2018	6025	2/27/2019	5350	2/27/2020	2750
2/29/2016	8175	2/28/2017	6350	2/28/2018	6100	2/28/2019	5550	2/28/2020	2650

ASII									
2016		2017		2018		2019		2020	
Tanggal	P	Tanggal	P	Tanggal	P	Tanggal	P	Tanggal	P
2/1/2016	6350	2/1/2017	8050	2/1/2018	8575	2/1/2019	8450	2/3/2020	6275
2/2/2016	6125	2/2/2017	8100	2/2/2018	8700	2/4/2019	8200	2/4/2020	6400

2/3/2016	6200	2/3/2017	8100	2/5/2018	8525	2/5/2019	8200	2/5/2020	6400
2/4/2016	6325	2/6/2017	8125	2/6/2018	8425	2/6/2019	8225	2/6/2020	6500
2/5/2016	6650	2/7/2017	8125	2/7/2018	8450	2/7/2019	8200	2/7/2020	6400
2/9/2016	6775	2/8/2017	8050	2/8/2018	8375	2/8/2019	8150	2/10/2020	6200
2/10/2016	6800	2/9/2017	8075	2/9/2018	8200	2/11/2019	8000	2/11/2020	6100
2/11/2016	7125	2/10/2017	8050	2/12/2018	8200	2/12/2019	7650	2/12/2020	5975
2/12/2016	6825	2/13/2017	8100	2/13/2018	8275	2/13/2019	7675	2/13/2020	5950
2/15/2016	6775	2/14/2017	8075	2/14/2018	8375	2/14/2019	7600	2/14/2020	6100
2/16/2016	6900	2/15/2017	8075	2/15/2018	8275	2/15/2019	7600	2/17/2020	6100
2/17/2016	7000	2/16/2017	8100	2/16/2018	8275	2/18/2019	7875	2/18/2020	6100
2/18/2016	7050	2/17/2017	7900	2/19/2018	8425	2/19/2019	7775	2/19/2020	6250
2/19/2016	6900	2/20/2017	7950	2/20/2018	8300	2/20/2019	7775	2/20/2020	6275
2/22/2016	6750	2/21/2017	7925	2/21/2018	8175	2/21/2019	7700	2/21/2020	6200
2/23/2016	6525	2/22/2017	7975	2/22/2018	8000	2/22/2019	7625	2/24/2020	6100
2/24/2016	6400	2/23/2017	8050	2/23/2018	8200	2/25/2019	7650	2/25/2020	6225
2/25/2016	6425	2/24/2017	8125	2/26/2018	8100	2/26/2019	7600	2/26/2020	6050
2/26/2016	6800	2/27/2017	8025	2/27/2018	8200	2/27/2019	7600	2/27/2020	5950
2/29/2016	6800	2/28/2017	8200	2/28/2018	8075	2/28/2019	7150	2/28/2020	5525

ICBP									
2016		2017		2018		2019		2020	
Tanggal	P	Tanggal	P	Tanggal	P	Tanggal	P	Tanggal	P
2/1/2016	7237.5	2/1/2017	8425	2/1/2018	8700	2/1/2019	10750	2/3/2020	11400
2/2/2016	7200	2/2/2017	8450	2/2/2018	8800	2/4/2019	10650	2/4/2020	11600
2/3/2016	7625	2/3/2017	8450	2/5/2018	8750	2/5/2019	10650	2/5/2020	11500
2/4/2016	7725	2/6/2017	8575	2/6/2018	8750	2/6/2019	10600	2/6/2020	11500
2/5/2016	8300	2/7/2017	8475	2/7/2018	8825	2/7/2019	10525	2/7/2020	11500
2/9/2016	7925	2/8/2017	8500	2/8/2018	8950	2/8/2019	10600	2/10/2020	11575
2/10/2016	7675	2/9/2017	8500	2/9/2018	8925	2/11/2019	10500	2/11/2020	11475
2/11/2016	7525	2/10/2017	8550	2/12/2018	8900	2/12/2019	10450	2/12/2020	10750
2/12/2016	7362.5	2/13/2017	8500	2/13/2018	8900	2/13/2019	10425	2/13/2020	10800
2/15/2016	7600	2/14/2017	8450	2/14/2018	8950	2/14/2019	10500	2/14/2020	10775
2/16/2016	7687.5	2/15/2017	8450	2/15/2018	8975	2/15/2019	10425	2/17/2020	10850
2/17/2016	7762.5	2/16/2017	8400	2/16/2018	8975	2/18/2019	10550	2/18/2020	10850
2/18/2016	7625	2/17/2017	8375	2/19/2018	9100	2/19/2019	10475	2/19/2020	11000
2/19/2016	7550	2/20/2017	8375	2/20/2018	8875	2/20/2019	10500	2/20/2020	11225
2/22/2016	7700	2/21/2017	8250	2/21/2018	8825	2/21/2019	10475	2/21/2020	10950

2/23/2016	7637.5	2/22/2017	8250	2/22/2018	8900	2/22/2019	10400	2/24/2020	11025
2/24/2016	7450	2/23/2017	8300	2/23/2018	8925	2/25/2019	10250	2/25/2020	10975
2/25/2016	7400	2/24/2017	8325	2/26/2018	8925	2/26/2019	10400	2/26/2020	10825
2/26/2016	7562.5	2/27/2017	8350	2/27/2018	9000	2/27/2019	10425	2/27/2020	10550
2/29/2016	7875	2/28/2017	8325	2/28/2018	8975	2/28/2019	10225	2/28/2020	10275

INCO									
2016		2017		2018		2019		2020	
Tanggal	P	Tanggal	P	Tanggal	P	Tanggal	P	Tanggal	P
2/1/2016	1425	2/1/2017	2560	2/1/2018	3800	2/1/2019	3780	2/3/2020	3250
2/2/2016	1405	2/2/2017	2840	2/2/2018	3800	2/4/2019	3810	2/4/2020	3300
2/3/2016	1405	2/3/2017	2770	2/5/2018	3670	2/5/2019	3810	2/5/2020	3300
2/4/2016	1435	2/6/2017	2720	2/6/2018	3570	2/6/2019	3980	2/6/2020	3310
2/5/2016	1445	2/7/2017	2740	2/7/2018	3710	2/7/2019	3860	2/7/2020	3310
2/9/2016	1410	2/8/2017	2670	2/8/2018	3630	2/8/2019	3740	2/10/2020	3260
2/10/2016	1390	2/9/2017	2650	2/9/2018	3500	2/11/2019	3610	2/11/2020	3290
2/11/2016	1380	2/10/2017	2740	2/12/2018	3540	2/12/2019	3580	2/12/2020	3280
2/12/2016	1380	2/13/2017	2810	2/13/2018	3610	2/13/2019	3660	2/13/2020	3180
2/15/2016	1405	2/14/2017	2750	2/14/2018	3630	2/14/2019	3650	2/14/2020	3130
2/16/2016	1440	2/15/2017	2750	2/15/2018	3700	2/15/2019	3500	2/17/2020	3090
2/17/2016	1430	2/16/2017	2750	2/16/2018	3700	2/18/2019	3650	2/18/2020	3090
2/18/2016	1535	2/17/2017	2790	2/19/2018	3680	2/19/2019	3680	2/19/2020	3040
2/19/2016	1505	2/20/2017	2790	2/20/2018	3590	2/20/2019	3740	2/20/2020	3120
2/22/2016	1595	2/21/2017	2740	2/21/2018	3520	2/21/2019	3710	2/21/2020	3060
2/23/2016	1525	2/22/2017	2670	2/22/2018	3430	2/22/2019	3760	2/24/2020	3010
2/24/2016	1485	2/23/2017	2590	2/23/2018	3350	2/25/2019	3840	2/25/2020	3000
2/25/2016	1490	2/24/2017	2460	2/26/2018	3440	2/26/2019	3850	2/26/2020	2870
2/26/2016	1570	2/27/2017	2560	2/27/2018	3470	2/27/2019	3770	2/27/2020	2620
2/29/2016	1535	2/28/2017	2550	2/28/2018	3390	2/28/2019	3740	2/28/2020	2450

INDF									
2016		2017		2018		2019		2020	
Tanggal	P	Tanggal	P	Tanggal	P	Tanggal	P	Tanggal	P
2/1/2016	6275	2/1/2017	7925	2/1/2018	7700	2/1/2019	7775	2/3/2020	7675
2/2/2016	6250	2/2/2017	7925	2/2/2018	7775	2/4/2019	7600	2/4/2020	7750

2/3/2016	6150	2/3/2017	7875	2/5/2018	7800	2/5/2019	7600	2/5/2020	7750
2/4/2016	6375	2/6/2017	7950	2/6/2018	7650	2/6/2019	7650	2/6/2020	7700
2/5/2016	6575	2/7/2017	7925	2/7/2018	7925	2/7/2019	7600	2/7/2020	7850
2/9/2016	6700	2/8/2017	7950	2/8/2018	7850	2/8/2019	7700	2/10/2020	7750
2/10/2016	6775	2/9/2017	7950	2/9/2018	7750	2/11/2019	7750	2/11/2020	7675
2/11/2016	6725	2/10/2017	8000	2/12/2018	7775	2/12/2019	7600	2/12/2020	7000
2/12/2016	6500	2/13/2017	8000	2/13/2018	7750	2/13/2019	7600	2/13/2020	7000
2/15/2016	6500	2/14/2017	7975	2/14/2018	7825	2/14/2019	7550	2/14/2020	7150
2/16/2016	6550	2/15/2017	7975	2/15/2018	7800	2/15/2019	7425	2/17/2020	7150
2/17/2016	6525	2/16/2017	8000	2/16/2018	7800	2/18/2019	7625	2/18/2020	7100
2/18/2016	6825	2/17/2017	8000	2/19/2018	7850	2/19/2019	7500	2/19/2020	7050
2/19/2016	6725	2/20/2017	8125	2/20/2018	7750	2/20/2019	7500	2/20/2020	7300
2/22/2016	6825	2/21/2017	8150	2/21/2018	7625	2/21/2019	7550	2/21/2020	7200
2/23/2016	6775	2/22/2017	8125	2/22/2018	7700	2/22/2019	7625	2/24/2020	7200
2/24/2016	6650	2/23/2017	8075	2/23/2018	7625	2/25/2019	7600	2/25/2020	7225
2/25/2016	6500	2/24/2017	8100	2/26/2018	7550	2/26/2019	7600	2/26/2020	7025
2/26/2016	6825	2/27/2017	7975	2/27/2018	7575	2/27/2019	7475	2/27/2020	6900
2/29/2016	7050	2/28/2017	8125	2/28/2018	7575	2/28/2019	7075	2/28/2020	6500

KLB									
2016		2017		2018		2019		2020	
Tanggal	P	Tanggal	P	Tanggal	P	Tanggal	P	Tanggal	P
2/1/2016	1345	2/1/2017	1485	2/1/2018	1685	2/1/2019	1615	2/3/2020	1470
2/2/2016	1310	2/2/2017	1475	2/2/2018	1660	2/4/2019	1605	2/4/2020	1480
2/3/2016	1290	2/3/2017	1470	2/5/2018	1655	2/5/2019	1605	2/5/2020	1485
2/4/2016	1330	2/6/2017	1480	2/6/2018	1640	2/6/2019	1595	2/6/2020	1460
2/5/2016	1355	2/7/2017	1470	2/7/2018	1680	2/7/2019	1610	2/7/2020	1470
2/9/2016	1330	2/8/2017	1475	2/8/2018	1670	2/8/2019	1595	2/10/2020	1480
2/10/2016	1325	2/9/2017	1480	2/9/2018	1645	2/11/2019	1595	2/11/2020	1460
2/11/2016	1320	2/10/2017	1485	2/12/2018	1630	2/12/2019	1570	2/12/2020	1410
2/12/2016	1310	2/13/2017	1495	2/13/2018	1620	2/13/2019	1570	2/13/2020	1370
2/15/2016	1310	2/14/2017	1475	2/14/2018	1620	2/14/2019	1585	2/14/2020	1390
2/16/2016	1300	2/15/2017	1475	2/15/2018	1600	2/15/2019	1575	2/17/2020	1390
2/17/2016	1275	2/16/2017	1485	2/16/2018	1600	2/18/2019	1575	2/18/2020	1395
2/18/2016	1290	2/17/2017	1470	2/19/2018	1635	2/19/2019	1550	2/19/2020	1435
2/19/2016	1265	2/20/2017	1460	2/20/2018	1620	2/20/2019	1545	2/20/2020	1420
2/22/2016	1270	2/21/2017	1460	2/21/2018	1635	2/21/2019	1530	2/21/2020	1365

2/23/2016	1310	2/22/2017	1495	2/22/2018	1615	2/22/2019	1510	2/24/2020	1355
2/24/2016	1310	2/23/2017	1495	2/23/2018	1600	2/25/2019	1505	2/25/2020	1295
2/25/2016	1270	2/24/2017	1495	2/26/2018	1605	2/26/2019	1505	2/26/2020	1285
2/26/2016	1275	2/27/2017	1535	2/27/2018	1610	2/27/2019	1520	2/27/2020	1250
2/29/2016	1300	2/28/2017	1530	2/28/2018	1600	2/28/2019	1495	2/28/2020	1220

PTBA									
2016		2017		2018		2019		2020	
Tanggal	P	Tanggal	P	Tanggal	P	Tanggal	P	Tanggal	P
2/1/2016	874	2/1/2017	2340	2/1/2018	3340	2/1/2019	4320	2/3/2020	2170
2/2/2016	880	2/2/2017	2320	2/2/2018	3300	2/4/2019	4240	2/4/2020	2230
2/3/2016	880	2/3/2017	2350	2/5/2018	3300	2/5/2019	4240	2/5/2020	2320
2/4/2016	894	2/6/2017	2240	2/6/2018	3170	2/6/2019	4290	2/6/2020	2290
2/5/2016	902	2/7/2017	2200	2/7/2018	3170	2/7/2019	4310	2/7/2020	2320
2/9/2016	888	2/8/2017	2280	2/8/2018	3130	2/8/2019	4300	2/10/2020	2250
2/10/2016	877	2/9/2017	2215	2/9/2018	3050	2/11/2019	4260	2/11/2020	2310
2/11/2016	889	2/10/2017	2200	2/12/2018	3090	2/12/2019	4190	2/12/2020	2280
2/12/2016	881	2/13/2017	2215	2/13/2018	3270	2/13/2019	4120	2/13/2020	2280
2/15/2016	894	2/14/2017	2185	2/14/2018	3230	2/14/2019	4050	2/14/2020	2330
2/16/2016	882	2/15/2017	2185	2/15/2018	3240	2/15/2019	3980	2/17/2020	2340
2/17/2016	872	2/16/2017	2150	2/16/2018	3240	2/18/2019	3980	2/18/2020	2380
2/18/2016	917	2/17/2017	2135	2/19/2018	3320	2/19/2019	4200	2/19/2020	2400
2/19/2016	934	2/20/2017	2220	2/20/2018	3330	2/20/2019	4160	2/20/2020	2490
2/22/2016	1065	2/21/2017	2250	2/21/2018	3380	2/21/2019	4200	2/21/2020	2410
2/23/2016	1040	2/22/2017	2240	2/22/2018	3360	2/22/2019	4130	2/24/2020	2350
2/24/2016	983	2/23/2017	2260	2/23/2018	3400	2/25/2019	4130	2/25/2020	2410
2/25/2016	953	2/24/2017	2230	2/26/2018	3240	2/26/2019	4150	2/26/2020	2360
2/26/2016	1020	2/27/2017	2205	2/27/2018	3110	2/27/2019	4100	2/27/2020	2290
2/29/2016	1015	2/28/2017	2235	2/28/2018	3170	2/28/2019	3980	2/28/2020	2240

SMGR									
2016		2017		2018		2019		2020	
Tanggal	P	Tanggal	P	Tanggal	P	Tanggal	P	Tanggal	P
2/1/2016	10975	2/1/2017	9025	2/1/2018	10700	2/1/2019	12725	2/3/2020	12000
2/2/2016	10800	2/2/2017	9300	2/2/2018	10700	2/4/2019	12250	2/4/2020	12025



2/3/2016	10475	2/3/2017	9200	2/5/2018	10550	2/5/2019	12250	2/5/2020	12375
2/4/2016	10625	2/6/2017	9275	2/6/2018	10175	2/6/2019	12900	2/6/2020	12400
2/5/2016	10825	2/7/2017	9150	2/7/2018	10175	2/7/2019	12800	2/7/2020	12350
2/9/2016	10700	2/8/2017	9250	2/8/2018	10300	2/8/2019	12500	2/10/2020	12300
2/10/2016	10750	2/9/2017	9625	2/9/2018	10200	2/11/2019	12475	2/11/2020	12025
2/11/2016	10975	2/10/2017	9750	2/12/2018	10275	2/12/2019	12300	2/12/2020	11400
2/12/2016	10875	2/13/2017	9825	2/13/2018	10525	2/13/2019	12675	2/13/2020	11175
2/15/2016	10750	2/14/2017	9350	2/14/2018	10850	2/14/2019	12400	2/14/2020	11375
2/16/2016	10700	2/15/2017	9350	2/15/2018	11050	2/15/2019	12025	2/17/2020	11575
2/17/2016	10575	2/16/2017	9500	2/16/2018	11050	2/18/2019	12500	2/18/2020	11775
2/18/2016	10475	2/17/2017	9275	2/19/2018	11700	2/19/2019	12475	2/19/2020	11750
2/19/2016	10175	2/20/2017	9200	2/20/2018	11300	2/20/2019	12900	2/20/2020	11775
2/22/2016	10125	2/21/2017	9150	2/21/2018	11575	2/21/2019	12925	2/21/2020	11600
2/23/2016	10100	2/22/2017	9225	2/22/2018	11750	2/22/2019	12575	2/24/2020	11250
2/24/2016	10100	2/23/2017	9250	2/23/2018	11225	2/25/2019	12950	2/25/2020	11200
2/25/2016	10200	2/24/2017	9575	2/26/2018	11100	2/26/2019	12925	2/26/2020	11000
2/26/2016	10250	2/27/2017	9525	2/27/2018	11325	2/27/2019	12600	2/27/2020	10875
2/29/2016	10250	2/28/2017	9625	2/28/2018	11125	2/28/2019	12650	2/28/2020	10475

TLKM									
2016		2017		2018		2019		2020	
Tanggal	P	Tanggal	P	Tanggal	P	Tanggal	P	Tanggal	P
2/1/2016	3330	2/1/2017	3940	2/1/2018	3980	2/1/2019	3870	2/3/2020	3740
2/2/2016	3235	2/2/2017	3950	2/2/2018	4000	2/4/2019	3780	2/4/2020	3760
2/3/2016	3275	2/3/2017	3950	2/5/2018	4010	2/5/2019	3780	2/5/2020	3770
2/4/2016	3350	2/6/2017	3960	2/6/2018	3940	2/6/2019	3860	2/6/2020	3760
2/5/2016	3500	2/7/2017	3920	2/7/2018	3980	2/7/2019	3860	2/7/2020	3790
2/9/2016	3375	2/8/2017	3870	2/8/2018	4020	2/8/2019	3850	2/10/2020	3810
2/10/2016	3385	2/9/2017	3870	2/9/2018	3950	2/11/2019	3930	2/11/2020	3790
2/11/2016	3430	2/10/2017	3890	2/12/2018	3960	2/12/2019	3820	2/12/2020	3820
2/12/2016	3285	2/13/2017	3920	2/13/2018	4040	2/13/2019	3790	2/13/2020	3730
2/15/2016	3325	2/14/2017	3860	2/14/2018	4040	2/14/2019	3740	2/14/2020	3640
2/16/2016	3335	2/15/2017	3860	2/15/2018	4010	2/15/2019	3790	2/17/2020	3610
2/17/2016	3335	2/16/2017	3870	2/16/2018	4010	2/18/2019	3900	2/18/2020	3620
2/18/2016	3315	2/17/2017	3870	2/19/2018	4050	2/19/2019	3920	2/19/2020	3620
2/19/2016	3195	2/20/2017	3870	2/20/2018	4070	2/20/2019	3870	2/20/2020	3630
2/22/2016	3180	2/21/2017	3880	2/21/2018	4070	2/21/2019	3870	2/21/2020	3690

2/23/2016	3220	2/22/2017	3880	2/22/2018	4010	2/22/2019	3840	2/24/2020	3640
2/24/2016	3230	2/23/2017	3840	2/23/2018	4030	2/25/2019	3910	2/25/2020	3590
2/25/2016	3300	2/24/2017	3840	2/26/2018	4030	2/26/2019	3930	2/26/2020	3510
2/26/2016	3310	2/27/2017	3870	2/27/2018	4020	2/27/2019	3910	2/27/2020	3470
2/29/2016	3250	2/28/2017	3850	2/28/2018	4000	2/28/2019	3860	2/28/2020	3490

UNTR									
2016		2017		2018		2019		2020	
Tanggal	P	Tanggal	P	Tanggal	P	Tanggal	P	Tanggal	P
2/1/2016	17475	2/1/2017	22300	2/1/2018	38800	2/1/2019	26100	2/3/2020	19075
2/2/2016	16600	2/2/2017	22600	2/2/2018	39200	2/4/2019	26250	2/4/2020	18775
2/3/2016	16475	2/3/2017	23000	2/5/2018	38575	2/5/2019	26250	2/5/2020	18750
2/4/2016	16600	2/6/2017	23075	2/6/2018	37700	2/6/2019	26550	2/6/2020	18700
2/5/2016	17300	2/7/2017	23100	2/7/2018	38500	2/7/2019	26500	2/7/2020	18800
2/9/2016	17000	2/8/2017	23000	2/8/2018	38750	2/8/2019	25725	2/10/2020	18275
2/10/2016	16500	2/9/2017	22750	2/9/2018	38600	2/11/2019	25375	2/11/2020	18025
2/11/2016	16475	2/10/2017	23000	2/12/2018	37650	2/12/2019	24825	2/12/2020	17700
2/12/2016	16000	2/13/2017	23325	2/13/2018	37650	2/13/2019	25250	2/13/2020	17625
2/15/2016	16100	2/14/2017	23025	2/14/2018	37725	2/14/2019	25550	2/14/2020	18325
2/16/2016	15850	2/15/2017	23025	2/15/2018	37750	2/15/2019	25025	2/17/2020	18350
2/17/2016	15925	2/16/2017	23825	2/16/2018	37750	2/18/2019	26150	2/18/2020	18350
2/18/2016	16125	2/17/2017	23875	2/19/2018	38200	2/19/2019	26050	2/19/2020	18475
2/19/2016	15925	2/20/2017	24425	2/20/2018	37350	2/20/2019	26000	2/20/2020	18425
2/22/2016	15725	2/21/2017	24475	2/21/2018	37000	2/21/2019	26500	2/21/2020	18225
2/23/2016	15025	2/22/2017	24375	2/22/2018	35875	2/22/2019	27950	2/24/2020	17900
2/24/2016	14750	2/23/2017	24650	2/23/2018	37000	2/25/2019	27250	2/25/2020	18275
2/25/2016	15100	2/24/2017	25500	2/26/2018	36600	2/26/2019	27800	2/26/2020	18000
2/26/2016	15225	2/27/2017	24925	2/27/2018	36600	2/27/2019	27600	2/27/2020	17575
2/29/2016	15525	2/28/2017	24650	2/28/2018	35600	2/28/2019	26500	2/28/2020	16600

UNVR									
2016		2017		2018		2019		2020	
Tanggal	P	Tanggal	P	Tanggal	P	Tanggal	P	Tanggal	P
2/1/2016	7360	2/1/2017	8255	2/1/2018	10880	2/1/2019	10000	2/3/2020	7850
2/2/2016	7495	2/2/2017	8310	2/2/2018	11005	2/4/2019	9780	2/4/2020	7875

2/3/2016	7725	2/3/2017	8400	2/5/2018	10825	2/5/2019	9780	2/5/2020	8100
2/4/2016	7990	2/6/2017	8340	2/6/2018	10780	2/6/2019	9975	2/6/2020	7950
2/5/2016	8120	2/7/2017	8345	2/7/2018	10935	2/7/2019	9945	2/7/2020	7900
2/9/2016	8170	2/8/2017	8345	2/8/2018	10875	2/8/2019	9965	2/10/2020	7875
2/10/2016	8170	2/9/2017	8365	2/9/2018	11080	2/11/2019	9775	2/11/2020	7850
2/11/2016	8310	2/10/2017	8520	2/12/2018	11000	2/12/2019	9820	2/12/2020	7600
2/12/2016	8220	2/13/2017	8485	2/13/2018	10985	2/13/2019	9850	2/13/2020	7400
2/15/2016	8315	2/14/2017	8485	2/14/2018	10900	2/14/2019	9775	2/14/2020	7475
2/16/2016	8200	2/15/2017	8485	2/15/2018	10910	2/15/2019	9600	2/17/2020	7400
2/17/2016	8270	2/16/2017	8520	2/16/2018	10910	2/18/2019	9885	2/18/2020	7400
2/18/2016	8335	2/17/2017	8520	2/19/2018	10960	2/19/2019	9860	2/19/2020	7475
2/19/2016	8550	2/20/2017	8420	2/20/2018	10890	2/20/2019	10005	2/20/2020	7650
2/22/2016	8675	2/21/2017	8550	2/21/2018	10900	2/21/2019	9905	2/21/2020	7500
2/23/2016	8490	2/22/2017	8575	2/22/2018	10800	2/22/2019	9900	2/24/2020	7225
2/24/2016	8400	2/23/2017	8450	2/23/2018	10890	2/25/2019	9765	2/25/2020	7300
2/25/2016	8545	2/24/2017	8450	2/26/2018	10795	2/26/2019	9995	2/26/2020	7300
2/26/2016	8780	2/27/2017	8450	2/27/2018	10795	2/27/2019	9800	2/27/2020	7150
2/29/2016	8905	2/28/2017	8435	2/28/2018	10780	2/28/2019	9735	2/28/2020	6825

WIKA									
2016		2017		2018		2019		2020	
Tanggal	P	Tanggal	P	Tanggal	P	Tanggal	P	Tanggal	P
2/1/2016	2542.072	2/1/2017	2520	2/1/2018	2040	2/1/2019	1895	2/3/2020	1880
2/2/2016	2505.029	2/2/2017	2510	2/2/2018	2020	2/4/2019	1845	2/4/2020	1935
2/3/2016	2481.877	2/3/2017	2490	2/5/2018	1970	2/5/2019	1845	2/5/2020	1960
2/4/2016	2477.246	2/6/2017	2510	2/6/2018	1910	2/6/2019	1860	2/6/2020	2020
2/5/2016	2477.246	2/7/2017	2490	2/7/2018	1930	2/7/2019	1845	2/7/2020	1975
2/9/2016	2449.464	2/8/2017	2500	2/8/2018	2030	2/8/2019	1865	2/10/2020	1915
2/10/2016	2477.246	2/9/2017	2490	2/9/2018	1980	2/11/2019	1825	2/11/2020	1960
2/11/2016	2500.398	2/10/2017	2470	2/12/2018	1980	2/12/2019	1750	2/12/2020	1965
2/12/2016	2505.029	2/13/2017	2520	2/13/2018	1940	2/13/2019	1730	2/13/2020	1945
2/15/2016	2518.92	2/14/2017	2510	2/14/2018	1925	2/14/2019	1710	2/14/2020	1945
2/16/2016	2532.811	2/15/2017	2510	2/15/2018	1955	2/15/2019	1645	2/17/2020	2000
2/17/2016	2514.289	2/16/2017	2510	2/16/2018	1955	2/18/2019	1645	2/18/2020	2050
2/18/2016	2514.289	2/17/2017	2510	2/19/2018	2010	2/19/2019	1685	2/19/2020	2080
2/19/2016	2486.507	2/20/2017	2500	2/20/2018	1970	2/20/2019	1730	2/20/2020	2040
2/22/2016	2454.094	2/21/2017	2480	2/21/2018	1930	2/21/2019	1765	2/21/2020	2010

2/23/2016	2407.791	2/22/2017	2480	2/22/2018	1940	2/22/2019	1730	2/24/2020	1970
2/24/2016	2426.312	2/23/2017	2530	2/23/2018	1910	2/25/2019	1765	2/25/2020	1960
2/25/2016	2403.16	2/24/2017	2500	2/26/2018	1900	2/26/2019	1755	2/26/2020	1905
2/26/2016	2407.791	2/27/2017	2500	2/27/2018	1935	2/27/2019	1825	2/27/2020	1905
2/29/2016	2412.421	2/28/2017	2500	2/28/2018	1925	2/28/2019	1785	2/28/2020	1875

BSDE									
2016		2017		2018		2019		2020	
Tanggal	P	Tanggal	P	Tanggal	P	Tanggal	P	Tanggal	P
2/1/2016	1660	2/1/2017	1835	2/1/2018	1875	2/1/2019	1385	2/3/2020	1100
2/2/2016	1655	2/2/2017	1860	2/2/2018	1885	2/4/2019	1365	2/4/2020	1150
2/3/2016	1675	2/3/2017	1895	2/5/2018	1835	2/5/2019	1365	2/5/2020	1160
2/4/2016	1695	2/6/2017	1890	2/6/2018	1760	2/6/2019	1430	2/6/2020	1195
2/5/2016	1770	2/7/2017	1880	2/7/2018	1800	2/7/2019	1410	2/7/2020	1195
2/9/2016	1735	2/8/2017	1905	2/8/2018	1795	2/8/2019	1400	2/10/2020	1140
2/10/2016	1735	2/9/2017	1900	2/9/2018	1760	2/11/2019	1360	2/11/2020	1135
2/11/2016	1765	2/10/2017	1905	2/12/2018	1760	2/12/2019	1335	2/12/2020	1115
2/12/2016	1755	2/13/2017	1905	2/13/2018	1785	2/13/2019	1320	2/13/2020	1100
2/15/2016	1760	2/14/2017	1885	2/14/2018	1800	2/14/2019	1345	2/14/2020	1065
2/16/2016	1780	2/15/2017	1885	2/15/2018	1795	2/15/2019	1320	2/17/2020	1095
2/17/2016	1800	2/16/2017	1900	2/16/2018	1795	2/18/2019	1300	2/18/2020	1155
2/18/2016	1770	2/17/2017	1890	2/19/2018	1820	2/19/2019	1310	2/19/2020	1155
2/19/2016	1730	2/20/2017	1890	2/20/2018	1790	2/20/2019	1330	2/20/2020	1140
2/22/2016	1730	2/21/2017	1900	2/21/2018	1790	2/21/2019	1315	2/21/2020	1100
2/23/2016	1660	2/22/2017	1905	2/22/2018	1760	2/22/2019	1310	2/24/2020	1085
2/24/2016	1695	2/23/2017	1910	2/23/2018	1770	2/25/2019	1325	2/25/2020	1085
2/25/2016	1680	2/24/2017	1900	2/26/2018	1750	2/26/2019	1335	2/26/2020	1060
2/26/2016	1685	2/27/2017	1855	2/27/2018	1790	2/27/2019	1365	2/27/2020	1030
2/29/2016	1685	2/28/2017	1830	2/28/2018	1935	2/28/2019	1355	2/28/2020	1000

INTP									
2016		2017		2018		2019		2020	
Tanggal	P	Tanggal	P	Tanggal	P	Tanggal	P	Tanggal	P
2/1/2016	19400	2/1/2017	15300	2/1/2018	21875	2/1/2019	19850	2/3/2020	16875
2/2/2016	18950	2/2/2017	15500	2/2/2018	21175	2/4/2019	19050	2/4/2020	16850

2/3/2016	19225	2/3/2017	15375	2/5/2018	20550	2/5/2019	19050	2/5/2020	17875
2/4/2016	19400	2/6/2017	15425	2/6/2018	20175	2/6/2019	19225	2/6/2020	17175
2/5/2016	19750	2/7/2017	15400	2/7/2018	20800	2/7/2019	19400	2/7/2020	17025
2/9/2016	19425	2/8/2017	15850	2/8/2018	21150	2/8/2019	19000	2/10/2020	16775
2/10/2016	19225	2/9/2017	15975	2/9/2018	21800	2/11/2019	18700	2/11/2020	16550
2/11/2016	19875	2/10/2017	15100	2/12/2018	20975	2/12/2019	18700	2/12/2020	16300
2/12/2016	19550	2/13/2017	15950	2/13/2018	21100	2/13/2019	18650	2/13/2020	15725
2/15/2016	19750	2/14/2017	15500	2/14/2018	21025	2/14/2019	18300	2/14/2020	16400
2/16/2016	19850	2/15/2017	15500	2/15/2018	20900	2/15/2019	17975	2/17/2020	16800
2/17/2016	19750	2/16/2017	15625	2/16/2018	20900	2/18/2019	18375	2/18/2020	17250
2/18/2016	20150	2/17/2017	15625	2/19/2018	21600	2/19/2019	18000	2/19/2020	17325
2/19/2016	19350	2/20/2017	15500	2/20/2018	21450	2/20/2019	19500	2/20/2020	17300
2/22/2016	19525	2/21/2017	15700	2/21/2018	21800	2/21/2019	19900	2/21/2020	16575
2/23/2016	19025	2/22/2017	15650	2/22/2018	21300	2/22/2019	19275	2/24/2020	15900
2/24/2016	19100	2/23/2017	15675	2/23/2018	21300	2/25/2019	19750	2/25/2020	15700
2/25/2016	19300	2/24/2017	15650	2/26/2018	20800	2/26/2019	19875	2/26/2020	15325
2/26/2016	19725	2/27/2017	15600	2/27/2018	22725	2/27/2019	19225	2/27/2020	15250
2/29/2016	20025	2/28/2017	15150	2/28/2018	21975	2/28/2019	19225	2/28/2020	14925

LPPF									
2016		2017		2018		2019		2020	
Tanggal	P	Tanggal	P	Tanggal	P	Tanggal	P	Tanggal	P
2/1/2016	16150	2/1/2017	14775	2/1/2018	11250	2/1/2019	6850	2/3/2020	3140
2/2/2016	16150	2/2/2017	14950	2/2/2018	10850	2/4/2019	6575	2/4/2020	2980
2/3/2016	16125	2/3/2017	15125	2/5/2018	10500	2/5/2019	6575	2/5/2020	3160
2/4/2016	16125	2/6/2017	15150	2/6/2018	10000	2/6/2019	6675	2/6/2020	3250
2/5/2016	17600	2/7/2017	15250	2/7/2018	10400	2/7/2019	6575	2/7/2020	3250
2/9/2016	17500	2/8/2017	15325	2/8/2018	10575	2/8/2019	6700	2/10/2020	3210
2/10/2016	16900	2/9/2017	15325	2/9/2018	10200	2/11/2019	7000	2/11/2020	3300
2/11/2016	16700	2/10/2017	15325	2/12/2018	10225	2/12/2019	6750	2/12/2020	3230
2/12/2016	16075	2/13/2017	15150	2/13/2018	10675	2/13/2019	6700	2/13/2020	3190
2/15/2016	16175	2/14/2017	15150	2/14/2018	10375	2/14/2019	6000	2/14/2020	3280
2/16/2016	16500	2/15/2017	15150	2/15/2018	10550	2/15/2019	6150	2/17/2020	3420
2/17/2016	16500	2/16/2017	14800	2/16/2018	10550	2/18/2019	5925	2/18/2020	3500
2/18/2016	16600	2/17/2017	14275	2/19/2018	11100	2/19/2019	6000	2/19/2020	3550
2/19/2016	16100	2/20/2017	14275	2/20/2018	11075	2/20/2019	5925	2/20/2020	3550
2/22/2016	16525	2/21/2017	14475	2/21/2018	10575	2/21/2019	5800	2/21/2020	3470

2/23/2016	16250	2/22/2017	14750	2/22/2018	10225	2/22/2019	5775	2/24/2020	3300
2/24/2016	16975	2/23/2017	14975	2/23/2018	10100	2/25/2019	5975	2/25/2020	3210
2/25/2016	16950	2/24/2017	14400	2/26/2018	9925	2/26/2019	5700	2/26/2020	3150
2/26/2016	17000	2/27/2017	14000	2/27/2018	9350	2/27/2019	5550	2/27/2020	3080
2/29/2016	18475	2/28/2017	13650	2/28/2018	10650	2/28/2019	5750	2/28/2020	3140

PGAS									
2016		2017		2018		2019		2020	
Tanggal	P	Tanggal	P	Tanggal	P	Tanggal	P	Tanggal	P
2/1/2016	2405	2/1/2017	2880	2/1/2018	2510	2/1/2019	2510	2/3/2020	1700
2/2/2016	2395	2/2/2017	2870	2/2/2018	2460	2/4/2019	2510	2/4/2020	1520
2/3/2016	2420	2/3/2017	2870	2/5/2018	2400	2/5/2019	2510	2/5/2020	1475
2/4/2016	2400	2/6/2017	3010	2/6/2018	2400	2/6/2019	2530	2/6/2020	1520
2/5/2016	2425	2/7/2017	2900	2/7/2018	2370	2/7/2019	2460	2/7/2020	1540
2/9/2016	2460	2/8/2017	2830	2/8/2018	2410	2/8/2019	2500	2/10/2020	1525
2/10/2016	2440	2/9/2017	2810	2/9/2018	2340	2/11/2019	2510	2/11/2020	1535
2/11/2016	2455	2/10/2017	2820	2/12/2018	2350	2/12/2019	2410	2/12/2020	1495
2/12/2016	2470	2/13/2017	2870	2/13/2018	2360	2/13/2019	2340	2/13/2020	1505
2/15/2016	2495	2/14/2017	2800	2/14/2018	2500	2/14/2019	2460	2/14/2020	1520
2/16/2016	2500	2/15/2017	2800	2/15/2018	2530	2/15/2019	2460	2/17/2020	1495
2/17/2016	2495	2/16/2017	2830	2/16/2018	2530	2/18/2019	2510	2/18/2020	1505
2/18/2016	2700	2/17/2017	2760	2/19/2018	2610	2/19/2019	2500	2/19/2020	1530
2/19/2016	2585	2/20/2017	2690	2/20/2018	2630	2/20/2019	2490	2/20/2020	1555
2/22/2016	2600	2/21/2017	2690	2/21/2018	2720	2/21/2019	2640	2/21/2020	1525
2/23/2016	2640	2/22/2017	2690	2/22/2018	2660	2/22/2019	2650	2/24/2020	1480
2/24/2016	2590	2/23/2017	2840	2/23/2018	2610	2/25/2019	2610	2/25/2020	1500
2/25/2016	2590	2/24/2017	2860	2/26/2018	2550	2/26/2019	2640	2/26/2020	1495
2/26/2016	2600	2/27/2017	2820	2/27/2018	2580	2/27/2019	2570	2/27/2020	1385
2/29/2016	2635	2/28/2017	2830	2/28/2018	2670	2/28/2019	2540	2/28/2020	1280

PTPP									
2016		2017		2018		2019		2020	
Tanggal	P	Tanggal	P	Tanggal	P	Tanggal	P	Tanggal	P
2/1/2016	3635.569	2/1/2017	3600	2/1/2018	3180	2/1/2019	2280	2/3/2020	1380
2/2/2016	3716.359	2/2/2017	3600	2/2/2018	3180	2/4/2019	2260	2/4/2020	1375

2/3/2016	3768.635	2/3/2017	3710	2/5/2018	3100	2/5/2019	2260	2/5/2020	1375
2/4/2016	3801.902	2/6/2017	3770	2/6/2018	3000	2/6/2019	2300	2/6/2020	1450
2/5/2016	3721.112	2/7/2017	3730	2/7/2018	3000	2/7/2019	2290	2/7/2020	1475
2/9/2016	3706.854	2/8/2017	3680	2/8/2018	3070	2/8/2019	2300	2/10/2020	1405
2/10/2016	3697.35	2/9/2017	3730	2/9/2018	2980	2/11/2019	2240	2/11/2020	1440
2/11/2016	3754.378	2/10/2017	3700	2/12/2018	2980	2/12/2019	2150	2/12/2020	1415
2/12/2016	3754.378	2/13/2017	3690	2/13/2018	3020	2/13/2019	2080	2/13/2020	1350
2/15/2016	3787.645	2/14/2017	3710	2/14/2018	3000	2/14/2019	2070	2/14/2020	1360
2/16/2016	3773.388	2/15/2017	3710	2/15/2018	3040	2/15/2019	2000	2/17/2020	1400
2/17/2016	3711.607	2/16/2017	3680	2/16/2018	3040	2/18/2019	2060	2/18/2020	1485
2/18/2016	3716.359	2/17/2017	3610	2/19/2018	3180	2/19/2019	2110	2/19/2020	1495
2/19/2016	3635.569	2/20/2017	3590	2/20/2018	3180	2/20/2019	2160	2/20/2020	1475
2/22/2016	3602.302	2/21/2017	3500	2/21/2018	3200	2/21/2019	2080	2/21/2020	1410
2/23/2016	3507.254	2/22/2017	3540	2/22/2018	3170	2/22/2019	2020	2/24/2020	1335
2/24/2016	3545.273	2/23/2017	3510	2/23/2018	3140	2/25/2019	2040	2/25/2020	1330
2/25/2016	3469.236	2/24/2017	3520	2/26/2018	3120	2/26/2019	2030	2/26/2020	1250
2/26/2016	3573.788	2/27/2017	3490	2/27/2018	3110	2/27/2019	2050	2/27/2020	1195
2/29/2016	3507.254	2/28/2017	3480	2/28/2018	3100	2/28/2019	2000	2/28/2020	1205

SCMA									
2016		2017		2018		2019		2020	
Tanggal	P	Tanggal	P	Tanggal	P	Tanggal	P	Tanggal	P
2/1/2016	2680	2/1/2017	2900	2/1/2018	2710	2/1/2019	1865	2/3/2020	1370
2/2/2016	2610	2/2/2017	2930	2/2/2018	2810	2/4/2019	1830	2/4/2020	1415
2/3/2016	2600	2/3/2017	2950	2/5/2018	2830	2/5/2019	1830	2/5/2020	1415
2/4/2016	2690	2/6/2017	2960	2/6/2018	2760	2/6/2019	1815	2/6/2020	1405
2/5/2016	2920	2/7/2017	2910	2/7/2018	2800	2/7/2019	1820	2/7/2020	1395
2/9/2016	2880	2/8/2017	2930	2/8/2018	2760	2/8/2019	1820	2/10/2020	1360
2/10/2016	2785	2/9/2017	2930	2/9/2018	2700	2/11/2019	1810	2/11/2020	1405
2/11/2016	2895	2/10/2017	2900	2/12/2018	2700	2/12/2019	1745	2/12/2020	1395
2/12/2016	2910	2/13/2017	2920	2/13/2018	2730	2/13/2019	1755	2/13/2020	1345
2/15/2016	2940	2/14/2017	2870	2/14/2018	2770	2/14/2019	1730	2/14/2020	1370
2/16/2016	2925	2/15/2017	2870	2/15/2018	2740	2/15/2019	1755	2/17/2020	1350
2/17/2016	3015	2/16/2017	2850	2/16/2018	2740	2/18/2019	1760	2/18/2020	1385
2/18/2016	2940	2/17/2017	2810	2/19/2018	2730	2/19/2019	1780	2/19/2020	1360
2/19/2016	2840	2/20/2017	2890	2/20/2018	2700	2/20/2019	1850	2/20/2020	1330
2/22/2016	2805	2/21/2017	2840	2/21/2018	2660	2/21/2019	1820	2/21/2020	1250

2/23/2016	2715	2/22/2017	2930	2/22/2018	2640	2/22/2019	1750	2/24/2020	1205
2/24/2016	2875	2/23/2017	3120	2/23/2018	2620	2/25/2019	1740	2/25/2020	1225
2/25/2016	2940	2/24/2017	3150	2/26/2018	2690	2/26/2019	1750	2/26/2020	1165
2/26/2016	2910	2/27/2017	3060	2/27/2018	2860	2/27/2019	1745	2/27/2020	1150
2/29/2016	2900	2/28/2017	2950	2/28/2018	2850	2/28/2019	1750	2/28/2020	1120

ANTM									
2016		2017		2018		2019		2020	
Tanggal	P	Tanggal	P	Tanggal	P	Tanggal	P	Tanggal	P
2/1/2016	332	2/1/2017	810	2/1/2018	910	2/1/2019	960	2/3/2020	715
2/2/2016	338	2/2/2017	840	2/2/2018	905	2/4/2019	1010	2/4/2020	730
2/3/2016	342	2/3/2017	830	2/5/2018	870	2/5/2019	1010	2/5/2020	725
2/4/2016	349	2/6/2017	815	2/6/2018	850	2/6/2019	1095	2/6/2020	735
2/5/2016	342	2/7/2017	805	2/7/2018	870	2/7/2019	1060	2/7/2020	730
2/9/2016	344	2/8/2017	805	2/8/2018	855	2/8/2019	1025	2/10/2020	720
2/10/2016	344	2/9/2017	800	2/9/2018	830	2/11/2019	980	2/11/2020	720
2/11/2016	353	2/10/2017	810	2/12/2018	855	2/12/2019	960	2/12/2020	715
2/12/2016	352	2/13/2017	810	2/13/2018	875	2/13/2019	1010	2/13/2020	680
2/15/2016	362	2/14/2017	800	2/14/2018	885	2/14/2019	1000	2/14/2020	675
2/16/2016	363	2/15/2017	800	2/15/2018	910	2/15/2019	950	2/17/2020	680
2/17/2016	363	2/16/2017	800	2/16/2018	910	2/18/2019	995	2/18/2020	690
2/18/2016	366	2/17/2017	795	2/19/2018	920	2/19/2019	1025	2/19/2020	705
2/19/2016	369	2/20/2017	785	2/20/2018	900	2/20/2019	1060	2/20/2020	710
2/22/2016	369	2/21/2017	790	2/21/2018	910	2/21/2019	1035	2/21/2020	700
2/23/2016	360	2/22/2017	785	2/22/2018	900	2/22/2019	1055	2/24/2020	685
2/24/2016	365	2/23/2017	785	2/23/2018	895	2/25/2019	1085	2/25/2020	660
2/25/2016	372	2/24/2017	765	2/26/2018	900	2/26/2019	1045	2/26/2020	630
2/26/2016	369	2/27/2017	740	2/27/2018	945	2/27/2019	1030	2/27/2020	600
2/29/2016	364	2/28/2017	745	2/28/2018	955	2/28/2019	1015	2/28/2020	575

CTRA									
2016		2017		2018		2019		2020	
Tanggal	P	Tanggal	P	Tanggal	P	Tanggal	P	Tanggal	P
2/1/2016	1197.607	2/1/2017	1320	2/1/2018	1365	2/1/2019	965	2/3/2020	870
2/2/2016	1232.392	2/2/2017	1340	2/2/2018	1380	2/4/2019	935	2/4/2020	895



2/3/2016	1227.423	2/3/2017	1380	2/5/2018	1330	2/5/2019	935	2/5/2020	900
2/4/2016	1232.392	2/6/2017	1380	2/6/2018	1290	2/6/2019	960	2/6/2020	915
2/5/2016	1277.116	2/7/2017	1375	2/7/2018	1315	2/7/2019	950	2/7/2020	920
2/9/2016	1257.239	2/8/2017	1360	2/8/2018	1295	2/8/2019	945	2/10/2020	905
2/10/2016	1257.239	2/9/2017	1380	2/9/2018	1245	2/11/2019	930	2/11/2020	915
2/11/2016	1306.932	2/10/2017	1400	2/12/2018	1245	2/12/2019	910	2/12/2020	905
2/12/2016	1331.779	2/13/2017	1430	2/13/2018	1265	2/13/2019	900	2/13/2020	885
2/15/2016	1381.472	2/14/2017	1400	2/14/2018	1300	2/14/2019	880	2/14/2020	880
2/16/2016	1371.534	2/15/2017	1400	2/15/2018	1280	2/15/2019	870	2/17/2020	930
2/17/2016	1386.442	2/16/2017	1390	2/16/2018	1280	2/18/2019	900	2/18/2020	980
2/18/2016	1371.534	2/17/2017	1370	2/19/2018	1285	2/19/2019	900	2/19/2020	975
2/19/2016	1301.963	2/20/2017	1370	2/20/2018	1250	2/20/2019	915	2/20/2020	975
2/22/2016	1301.963	2/21/2017	1385	2/21/2018	1270	2/21/2019	900	2/21/2020	970
2/23/2016	1321.84	2/22/2017	1385	2/22/2018	1255	2/22/2019	880	2/24/2020	940
2/24/2016	1346.687	2/23/2017	1375	2/23/2018	1300	2/25/2019	865	2/25/2020	970
2/25/2016	1306.932	2/24/2017	1380	2/26/2018	1260	2/26/2019	895	2/26/2020	945
2/26/2016	1306.932	2/27/2017	1340	2/27/2018	1275	2/27/2019	910	2/27/2020	925
2/29/2016	1272.147	2/28/2017	1370	2/28/2018	1290	2/28/2019	875	2/28/2020	945

EXCL									
2016		2017		2018		2019		2020	
Tanggal	P	Tanggal	P	Tanggal	P	Tanggal	P	Tanggal	P
2/1/2016	3689.102	2/1/2017	2850	2/1/2018	2940	2/1/2019	2100	2/3/2020	2840
2/2/2016	3876.516	2/2/2017	2910	2/2/2018	3000	2/4/2019	2120	2/4/2020	2840
2/3/2016	3945.563	2/3/2017	2900	2/5/2018	2940	2/5/2019	2120	2/5/2020	2890
2/4/2016	4039.27	2/6/2017	2920	2/6/2018	2900	2/6/2019	2200	2/6/2020	2890
2/5/2016	3985.019	2/7/2017	2900	2/7/2018	2960	2/7/2019	2170	2/7/2020	2900
2/9/2016	3945.563	2/8/2017	3070	2/8/2018	2910	2/8/2019	2180	2/10/2020	2800
2/10/2016	3920.903	2/9/2017	3080	2/9/2018	2860	2/11/2019	2130	2/11/2020	2860
2/11/2016	3920.903	2/10/2017	3070	2/12/2018	2860	2/12/2019	2070	2/12/2020	2860
2/12/2016	3876.516	2/13/2017	3040	2/13/2018	2960	2/13/2019	2020	2/13/2020	2710
2/15/2016	3846.924	2/14/2017	3130	2/14/2018	2910	2/14/2019	2050	2/14/2020	2620
2/16/2016	3866.652	2/15/2017	3130	2/15/2018	2910	2/15/2019	2340	2/17/2020	2650
2/17/2016	3886.38	2/16/2017	3150	2/16/2018	2910	2/18/2019	2530	2/18/2020	2720
2/18/2016	3881.448	2/17/2017	3130	2/19/2018	2910	2/19/2019	2610	2/19/2020	2760
2/19/2016	3846.924	2/20/2017	3230	2/20/2018	2920	2/20/2019	2620	2/20/2020	2680
2/22/2016	3846.924	2/21/2017	3070	2/21/2018	2930	2/21/2019	2650	2/21/2020	2600

2/23/2016	3748.285	2/22/2017	3130	2/22/2018	2930	2/22/2019	2640	2/24/2020	2520
2/24/2016	3782.809	2/23/2017	3240	2/23/2018	2970	2/25/2019	2590	2/25/2020	2580
2/25/2016	3797.604	2/24/2017	3120	2/26/2018	2980	2/26/2019	2500	2/26/2020	2540
2/26/2016	3822.264	2/27/2017	3010	2/27/2018	3010	2/27/2019	2400	2/27/2020	2460
2/29/2016	3846.924	2/28/2017	2990	2/28/2018	2950	2/28/2019	2400	2/28/2020	2590

JSMR									
2016		2017		2018		2019		2020	
Tanggal	P	Tanggal	P	Tanggal	P	Tanggal	P	Tanggal	P
2/1/2016	5911.156	2/1/2017	4240	2/1/2018	5600	2/1/2019	4910	2/3/2020	4520
2/2/2016	5886.214	2/2/2017	4250	2/2/2018	5600	2/4/2019	4820	2/4/2020	4640
2/3/2016	5886.214	2/3/2017	4260	2/5/2018	5600	2/5/2019	4820	2/5/2020	4650
2/4/2016	5911.156	2/6/2017	4250	2/6/2018	5600	2/6/2019	5075	2/6/2020	4800
2/5/2016	5936.098	2/7/2017	4230	2/7/2018	5675	2/7/2019	5100	2/7/2020	4900
2/9/2016	5936.098	2/8/2017	4380	2/8/2018	5775	2/8/2019	5025	2/10/2020	4930
2/10/2016	5861.273	2/9/2017	4680	2/9/2018	5700	2/11/2019	4960	2/11/2020	4900
2/11/2016	5985.981	2/10/2017	4770	2/12/2018	5675	2/12/2019	5025	2/12/2020	4850
2/12/2016	6160.572	2/13/2017	4790	2/13/2018	5750	2/13/2019	4990	2/13/2020	4860
2/15/2016	5761.506	2/14/2017	4780	2/14/2018	5675	2/14/2019	5100	2/14/2020	4900
2/16/2016	5487.149	2/15/2017	4780	2/15/2018	5625	2/15/2019	5025	2/17/2020	4860
2/17/2016	5512.091	2/16/2017	4760	2/16/2018	5625	2/18/2019	5100	2/18/2020	4910
2/18/2016	5586.916	2/17/2017	4700	2/19/2018	5650	2/19/2019	5100	2/19/2020	5000
2/19/2016	5387.383	2/20/2017	4750	2/20/2018	5525	2/20/2019	4990	2/20/2020	5050
2/22/2016	5412.324	2/21/2017	4670	2/21/2018	5550	2/21/2019	5025	2/21/2020	5000
2/23/2016	5412.324	2/22/2017	4730	2/22/2018	5525	2/22/2019	4960	2/24/2020	4960
2/24/2016	5287.616	2/23/2017	4960	2/23/2018	5425	2/25/2019	4910	2/25/2020	5000
2/25/2016	5387.383	2/24/2017	4860	2/26/2018	5275	2/26/2019	4990	2/26/2020	4770
2/26/2016	5412.324	2/27/2017	4860	2/27/2018	5250	2/27/2019	5250	2/27/2020	4800
2/29/2016	5287.616	2/28/2017	4780	2/28/2018	5350	2/28/2019	5225	2/28/2020	4680

LPKR									
2016		2017		2018		2019		2020	
Tanggal	P	Tanggal	P	Tanggal	P	Tanggal	P	Tanggal	P
2/1/2016	841.1817	2/1/2017	579.3044	2/1/2018	444.3979	2/1/2019	219.0247	2/3/2020	228
2/2/2016	833.246	2/2/2017	579.3044	2/2/2018	436.4622	2/4/2019	220.6118	2/4/2020	232

2/3/2016	801.5034	2/3/2017	579.3044	2/5/2018	424.5587	2/5/2019	220.6118	2/5/2020	232
2/4/2016	797.5355	2/6/2017	599.1436	2/6/2018	400.7517	2/6/2019	230.1346	2/6/2020	234
2/5/2016	805.4712	2/7/2017	603.1115	2/7/2018	404.7195	2/7/2019	238.0703	2/7/2020	236
2/9/2016	789.5998	2/8/2017	611.0471	2/8/2018	412.6552	2/8/2019	244.4188	2/10/2020	232
2/10/2016	785.632	2/9/2017	607.0793	2/9/2018	404.7195	2/11/2019	234.896	2/11/2020	236
2/11/2016	789.5998	2/10/2017	595.1757	2/12/2018	412.6552	2/12/2019	226.9603	2/12/2020	232
2/12/2016	785.632	2/13/2017	595.1757	2/13/2018	412.6552	2/13/2019	226.9603	2/13/2020	232
2/15/2016	789.5998	2/14/2017	599.1436	2/14/2018	412.6552	2/14/2019	225.3732	2/14/2020	234
2/16/2016	809.439	2/15/2017	599.1436	2/15/2018	412.6552	2/15/2019	220.6118	2/17/2020	238
2/17/2016	837.2139	2/16/2017	607.0793	2/16/2018	412.6552	2/18/2019	220.6118	2/18/2020	236
2/18/2016	833.246	2/17/2017	607.0793	2/19/2018	408.6873	2/19/2019	219.0247	2/19/2020	236
2/19/2016	817.3747	2/20/2017	615.015	2/20/2018	400.7517	2/20/2019	226.9603	2/20/2020	232
2/22/2016	817.3747	2/21/2017	611.0471	2/21/2018	400.7517	2/21/2019	226.9603	2/21/2020	232
2/23/2016	805.4712	2/22/2017	611.0471	2/22/2018	400.7517	2/22/2019	223.7861	2/24/2020	232
2/24/2016	801.5034	2/23/2017	607.0793	2/23/2018	400.7517	2/25/2019	222.1989	2/25/2020	234
2/25/2016	801.5034	2/24/2017	595.1757	2/26/2018	408.6873	2/26/2019	220.6118	2/26/2020	232
2/26/2016	797.5355	2/27/2017	591.2079	2/27/2018	400.7517	2/27/2019	230.1346	2/27/2020	228
2/29/2016	813.4069	2/28/2017	583.2722	2/28/2018	408.6873	2/28/2019	247.5931	2/28/2020	228

PWON									
2016		2017		2018		2019		2020	
Tanggal	P	Tanggal	P	Tanggal	P	Tanggal	P	Tanggal	P
2/1/2016	453	2/1/2017	565	2/1/2018	690	2/1/2019	665	2/3/2020	510
2/2/2016	444	2/2/2017	565	2/2/2018	685	2/4/2019	675	2/4/2020	525
2/3/2016	440	2/3/2017	575	2/5/2018	680	2/5/2019	675	2/5/2020	525
2/4/2016	440	2/6/2017	565	2/6/2018	670	2/6/2019	690	2/6/2020	535
2/5/2016	461	2/7/2017	555	2/7/2018	685	2/7/2019	690	2/7/2020	535
2/9/2016	455	2/8/2017	575	2/8/2018	675	2/8/2019	670	2/10/2020	530
2/10/2016	457	2/9/2017	560	2/9/2018	660	2/11/2019	660	2/11/2020	535
2/11/2016	472	2/10/2017	565	2/12/2018	660	2/12/2019	635	2/12/2020	535
2/12/2016	465	2/13/2017	570	2/13/2018	680	2/13/2019	650	2/13/2020	540
2/15/2016	472	2/14/2017	570	2/14/2018	680	2/14/2019	650	2/14/2020	555
2/16/2016	475	2/15/2017	570	2/15/2018	675	2/15/2019	645	2/17/2020	575
2/17/2016	488	2/16/2017	580	2/16/2018	675	2/18/2019	660	2/18/2020	600
2/18/2016	478	2/17/2017	565	2/19/2018	680	2/19/2019	640	2/19/2020	595
2/19/2016	465	2/20/2017	565	2/20/2018	685	2/20/2019	650	2/20/2020	580
2/22/2016	461	2/21/2017	570	2/21/2018	670	2/21/2019	645	2/21/2020	575

2/23/2016	450	2/22/2017	595	2/22/2018	665	2/22/2019	625	2/24/2020	540
2/24/2016	465	2/23/2017	605	2/23/2018	655	2/25/2019	625	2/25/2020	555
2/25/2016	462	2/24/2017	590	2/26/2018	655	2/26/2019	640	2/26/2020	550
2/26/2016	466	2/27/2017	585	2/27/2018	675	2/27/2019	640	2/27/2020	540
2/29/2016	458	2/28/2017	590	2/28/2018	675	2/28/2019	620	2/28/2020	530

SMRA									
2016		2017		2018		2019		2020	
Tanggal	P	Tanggal	P	Tanggal	P	Tanggal	P	Tanggal	P
2/1/2016	1450	2/1/2017	1300	2/1/2018	1190	2/1/2019	980	2/3/2020	820
2/2/2016	1410	2/2/2017	1315	2/2/2018	1205	2/4/2019	955	2/4/2020	865
2/3/2016	1420	2/3/2017	1320	2/5/2018	1180	2/5/2019	955	2/5/2020	880
2/4/2016	1420	2/6/2017	1320	2/6/2018	1135	2/6/2019	970	2/6/2020	895
2/5/2016	1505	2/7/2017	1315	2/7/2018	1155	2/7/2019	950	2/7/2020	895
2/9/2016	1490	2/8/2017	1320	2/8/2018	1155	2/8/2019	975	2/10/2020	870
2/10/2016	1520	2/9/2017	1320	2/9/2018	1135	2/11/2019	950	2/11/2020	885
2/11/2016	1585	2/10/2017	1400	2/12/2018	1100	2/12/2019	920	2/12/2020	870
2/12/2016	1615	2/13/2017	1450	2/13/2018	1130	2/13/2019	910	2/13/2020	850
2/15/2016	1630	2/14/2017	1420	2/14/2018	1125	2/14/2019	885	2/14/2020	850
2/16/2016	1650	2/15/2017	1420	2/15/2018	1130	2/15/2019	865	2/17/2020	885
2/17/2016	1660	2/16/2017	1405	2/16/2018	1130	2/18/2019	880	2/18/2020	930
2/18/2016	1600	2/17/2017	1385	2/19/2018	1150	2/19/2019	895	2/19/2020	905
2/19/2016	1565	2/20/2017	1375	2/20/2018	1150	2/20/2019	945	2/20/2020	905
2/22/2016	1560	2/21/2017	1400	2/21/2018	1120	2/21/2019	980	2/21/2020	895
2/23/2016	1560	2/22/2017	1425	2/22/2018	1090	2/22/2019	980	2/24/2020	880
2/24/2016	1565	2/23/2017	1400	2/23/2018	1110	2/25/2019	965	2/25/2020	895
2/25/2016	1560	2/24/2017	1395	2/26/2018	1105	2/26/2019	955	2/26/2020	880
2/26/2016	1575	2/27/2017	1385	2/27/2018	1100	2/27/2019	980	2/27/2020	855
2/29/2016	1595	2/28/2017	1370	2/28/2018	1110	2/28/2019	940	2/28/2020	840

WSKT									
2016		2017		2018		2019		2020	
Tanggal	P	Tanggal	P	Tanggal	P	Tanggal	P	Tanggal	P
2/1/2016	1730	2/1/2017	2560	2/1/2018	2800	2/1/2019	1975	2/3/2020	1210
2/2/2016	1780	2/2/2017	2580	2/2/2018	2810	2/4/2019	1960	2/4/2020	1195

2/3/2016	1775	2/3/2017	2580	2/5/2018	2810	2/5/2019	1960	2/5/2020	1190
2/4/2016	1790	2/6/2017	2570	2/6/2018	2780	2/6/2019	2020	2/6/2020	1230
2/5/2016	1785	2/7/2017	2540	2/7/2018	2830	2/7/2019	2000	2/7/2020	1195
2/9/2016	1770	2/8/2017	2550	2/8/2018	2900	2/8/2019	2010	2/10/2020	1135
2/10/2016	1855	2/9/2017	2570	2/9/2018	2880	2/11/2019	1945	2/11/2020	1150
2/11/2016	1915	2/10/2017	2580	2/12/2018	2900	2/12/2019	1910	2/12/2020	1140
2/12/2016	1920	2/13/2017	2570	2/13/2018	2900	2/13/2019	1870	2/13/2020	1100
2/15/2016	1965	2/14/2017	2580	2/14/2018	2900	2/14/2019	1865	2/14/2020	1095
2/16/2016	1930	2/15/2017	2580	2/15/2018	2900	2/15/2019	1765	2/17/2020	1130
2/17/2016	1940	2/16/2017	2570	2/16/2018	2900	2/18/2019	1750	2/18/2020	1195
2/18/2016	1950	2/17/2017	2560	2/19/2018	3110	2/19/2019	1775	2/19/2020	1220
2/19/2016	1925	2/20/2017	2550	2/20/2018	3050	2/20/2019	1855	2/20/2020	1215
2/22/2016	1930	2/21/2017	2560	2/21/2018	2940	2/21/2019	1855	2/21/2020	1150
2/23/2016	1885	2/22/2017	2470	2/22/2018	2940	2/22/2019	1830	2/24/2020	1075
2/24/2016	1950	2/23/2017	2480	2/23/2018	2850	2/25/2019	1860	2/25/2020	1080
2/25/2016	1920	2/24/2017	2470	2/26/2018	2790	2/26/2019	1850	2/26/2020	1035
2/26/2016	1940	2/27/2017	2450	2/27/2018	2920	2/27/2019	1915	2/27/2020	1000
2/29/2016	1930	2/28/2017	2480	2/28/2018	2910	2/28/2019	1875	2/28/2020	975

TPIA									
2016		2017		2018		2019		2020	
Tanggal	P	Tanggal	P	Tanggal	P	Tanggal	P	Tanggal	P
2/1/2016	687.1503	2/1/2017	4358.496	2/1/2018	6475	2/1/2019	5750	2/3/2020	8750
2/2/2016	687.1503	2/2/2017	4387.945	2/2/2018	6500	2/4/2019	5750	2/4/2020	8750
2/3/2016	687.1503	2/3/2017	4422.303	2/5/2018	6350	2/5/2019	5750	2/5/2020	8725
2/4/2016	706.7831	2/6/2017	4432.119	2/6/2018	6100	2/6/2019	5725	2/6/2020	8725
2/5/2016	696.9667	2/7/2017	4476.293	2/7/2018	5925	2/7/2019	5700	2/7/2020	8800
2/9/2016	696.9667	2/8/2017	4520.467	2/8/2018	5925	2/8/2019	5650	2/10/2020	8825
2/10/2016	696.9667	2/9/2017	4535.192	2/9/2018	6675	2/11/2019	5550	2/11/2020	8925
2/11/2016	696.9667	2/10/2017	4574.458	2/12/2018	6050	2/12/2019	5400	2/12/2020	9025
2/12/2016	696.9667	2/13/2017	4584.274	2/13/2018	6050	2/13/2019	5575	2/13/2020	9025
2/15/2016	696.9667	2/14/2017	4628.448	2/14/2018	6100	2/14/2019	5625	2/14/2020	8975
2/16/2016	696.9667	2/15/2017	4628.448	2/15/2018	6350	2/15/2019	5550	2/17/2020	8850
2/17/2016	696.9667	2/16/2017	4633.356	2/16/2018	6350	2/18/2019	5475	2/18/2020	8975
2/18/2016	716.5996	2/17/2017	4638.265	2/19/2018	6400	2/19/2019	5350	2/19/2020	9075
2/19/2016	716.5996	2/20/2017	4648.081	2/20/2018	6200	2/20/2019	5350	2/20/2020	9050
2/22/2016	716.5996	2/21/2017	4652.989	2/21/2018	6150	2/21/2019	5575	2/21/2020	9050

2/23/2016	716.5996	2/22/2017	4633.356	2/22/2018	6200	2/22/2019	5550	2/24/2020	9500
2/24/2016	677.3339	2/23/2017	4618.631	2/23/2018	6250	2/25/2019	5675	2/25/2020	8600
2/25/2016	677.3339	2/24/2017	4618.631	2/26/2018	6200	2/26/2019	5775	2/26/2020	8100
2/26/2016	706.7831	2/27/2017	4613.723	2/27/2018	6200	2/27/2019	5775	2/27/2020	7825
2/29/2016	687.1503	2/28/2017	4628.448	2/28/2018	6150	2/28/2019	5700	2/28/2020	8000

BRPT									
2016		2017		2018		2019		2020	
Tanggal	P	Tanggal	P	Tanggal	P	Tanggal	P	Tanggal	P
2/1/2016	25.1	2/1/2017	178.5	2/1/2018	540	2/1/2019	512	2/3/2020	1275
2/2/2016	29.5	2/2/2017	177	2/2/2018	520	2/4/2019	514	2/4/2020	1270
2/3/2016	30.5	2/3/2017	185	2/5/2018	508	2/5/2019	514	2/5/2020	1280
2/4/2016	30	2/6/2017	198	2/6/2018	484	2/6/2019	516	2/6/2020	1240
2/5/2016	29.8	2/7/2017	198	2/7/2018	480	2/7/2019	512	2/7/2020	1265
2/9/2016	29.7	2/8/2017	194.5	2/8/2018	482	2/8/2019	500	2/10/2020	1245
2/10/2016	30.2	2/9/2017	218	2/9/2018	468	2/11/2019	490	2/11/2020	1250
2/11/2016	30.3	2/10/2017	237	2/12/2018	470	2/12/2019	508	2/12/2020	1255
2/12/2016	30.3	2/13/2017	245	2/13/2018	474	2/13/2019	520	2/13/2020	1225
2/15/2016	30	2/14/2017	242	2/14/2018	496	2/14/2019	540	2/14/2020	1200
2/16/2016	30	2/15/2017	242	2/15/2018	498	2/15/2019	560	2/17/2020	1180
2/17/2016	30.3	2/16/2017	238	2/16/2018	498	2/18/2019	586	2/18/2020	1220
2/18/2016	30.3	2/17/2017	252	2/19/2018	504	2/19/2019	572	2/19/2020	1235
2/19/2016	30.3	2/20/2017	247	2/20/2018	498	2/20/2019	572	2/20/2020	1220
2/22/2016	31.4	2/21/2017	245	2/21/2018	508	2/21/2019	600	2/21/2020	1160
2/23/2016	31.9	2/22/2017	242	2/22/2018	512	2/22/2019	600	2/24/2020	1110
2/24/2016	32.4	2/23/2017	231	2/23/2018	524	2/25/2019	606	2/25/2020	1095
2/25/2016	33.3	2/24/2017	225	2/26/2018	530	2/26/2019	598	2/26/2020	1035
2/26/2016	35.8	2/27/2017	215	2/27/2018	526	2/27/2019	596	2/27/2020	980
2/29/2016	39.4	2/28/2017	222	2/28/2018	524	2/28/2019	600	2/28/2020	985

Lampiran 22. Daftar harga saham 29 emiten pada bulan Maret 2016-2020

ADRO									
2016		2017		2018		2019		2020	
Tanggal	P	Tanggal	P	Tanggal	P	Tanggal	P	Tanggal	P
3/1/2016	670	3/1/2017	1675	3/1/2018	2420	3/1/2019	1310	3/2/2020	1115

3/2/2016	660	3/2/2017	1685	3/2/2018	2310	3/4/2019	1410	3/3/2020	1140
3/3/2016	650	3/3/2017	1685	3/5/2018	2320	3/5/2019	1400	3/4/2020	1205
3/4/2016	680	3/6/2017	1685	3/6/2018	2330	3/6/2019	1360	3/5/2020	1175
3/7/2016	745	3/7/2017	1695	3/7/2018	2160	3/7/2019	1360	3/6/2020	1160
3/8/2016	790	3/8/2017	1695	3/8/2018	2190	3/8/2019	1390	3/9/2020	1010
3/10/2016	770	3/9/2017	1685	3/9/2018	2170	3/11/2019	1450	3/10/2020	1030
3/11/2016	770	3/10/2017	1600	3/12/2018	2220	3/12/2019	1390	3/11/2020	965
3/14/2016	770	3/13/2017	1625	3/13/2018	2170	3/13/2019	1440	3/12/2020	830
3/15/2016	700	3/14/2017	1645	3/14/2018	2070	3/14/2019	1460	3/13/2020	830
3/16/2016	730	3/15/2017	1650	3/15/2018	2050	3/15/2019	1435	3/16/2020	830
3/17/2016	745	3/16/2017	1680	3/16/2018	2040	3/18/2019	1430	3/17/2020	725
3/18/2016	680	3/17/2017	1705	3/19/2018	2040	3/19/2019	1435	3/18/2020	690
3/21/2016	705	3/20/2017	1705	3/20/2018	2070	3/20/2019	1430	3/19/2020	645
3/22/2016	695	3/21/2017	1730	3/21/2018	2040	3/21/2019	1420	3/20/2020	745
3/23/2016	690	3/22/2017	1730	3/22/2018	2020	3/22/2019	1415	3/23/2020	775
3/24/2016	660	3/23/2017	1740	3/23/2018	1995	3/25/2019	1345	3/24/2020	850
3/28/2016	670	3/24/2017	1770	3/26/2018	2030	3/26/2019	1360	3/26/2020	965
3/29/2016	650	3/27/2017	1800	3/27/2018	2040	3/27/2019	1350	3/27/2020	990
3/30/2016	665	3/29/2017	1820	3/28/2018	2040	3/28/2019	1340	3/30/2020	925
3/31/2016	645	3/30/2017	1820	3/29/2018	2130	3/29/2019	1340	3/31/2020	990
		3/31/2017	1750	3/30/2018	2130				

AKRA									
2016		2017		2018		2019		2020	
Tanggal	P	Tanggal	P	Tanggal	P	Tanggal	P	Tanggal	P
3/1/2016	7925	3/1/2017	6250	3/1/2018	6150	3/1/2019	5550	3/2/2020	2550
3/2/2016	7675	3/2/2017	6250	3/2/2018	5975	3/4/2019	5500	3/3/2020	2550
3/3/2016	7800	3/3/2017	6200	3/5/2018	6025	3/5/2019	5450	3/4/2020	2540
3/4/2016	7700	3/6/2017	6325	3/6/2018	5950	3/6/2019	5500	3/5/2020	2540
3/7/2016	7700	3/7/2017	6175	3/7/2018	5825	3/7/2019	5500	3/6/2020	2430
3/8/2016	7700	3/8/2017	6125	3/8/2018	5925	3/8/2019	5275	3/9/2020	2270
3/10/2016	7775	3/9/2017	6225	3/9/2018	5775	3/11/2019	5125	3/10/2020	2170
3/11/2016	7775	3/10/2017	6125	3/12/2018	5775	3/12/2019	5350	3/11/2020	2000
3/14/2016	7775	3/13/2017	6275	3/13/2018	5850	3/13/2019	5325	3/12/2020	1850
3/15/2016	7650	3/14/2017	6275	3/14/2018	5750	3/14/2019	5350	3/13/2020	1850
3/16/2016	7425	3/15/2017	6300	3/15/2018	5800	3/15/2019	5350	3/16/2020	1680
3/17/2016	7525	3/16/2017	6525	3/16/2018	5775	3/18/2019	5300	3/17/2020	1700

3/18/2016	7400	3/17/2017	6600	3/19/2018	6100	3/19/2019	4890	3/18/2020	1595
3/21/2016	7125	3/20/2017	6700	3/20/2018	6050	3/20/2019	4710	3/19/2020	1700
3/22/2016	7225	3/21/2017	6675	3/21/2018	5975	3/21/2019	4690	3/20/2020	1600
3/23/2016	7075	3/22/2017	6575	3/22/2018	6100	3/22/2019	4600	3/23/2020	1495
3/24/2016	6925	3/23/2017	6600	3/23/2018	5925	3/25/2019	4480	3/24/2020	1725
3/28/2016	6850	3/24/2017	6600	3/26/2018	5750	3/26/2019	4840	3/26/2020	1900
3/29/2016	6875	3/27/2017	6350	3/27/2018	5750	3/27/2019	4790	3/27/2020	2060
3/30/2016	7100	3/29/2017	6400	3/28/2018	5600	3/28/2019	4780	3/30/2020	1920
3/31/2016	6950	3/30/2017	6300	3/29/2018	5675	3/29/2019	4730	3/31/2020	1975
		3/31/2017	6250	3/30/2018	5675				

ASII									
2016		2017		2018		2019		2020	
Tanggal	P	Tanggal	P	Tanggal	P	Tanggal	P	Tanggal	P
3/1/2016	7000	3/1/2017	8325	3/1/2018	8075	3/1/2019	7225	3/2/2020	5700
3/2/2016	7100	3/2/2017	8475	3/2/2018	8150	3/4/2019	7150	3/3/2020	5900
3/3/2016	6875	3/3/2017	8400	3/5/2018	8150	3/5/2019	7300	3/4/2020	5975
3/4/2016	6900	3/6/2017	8550	3/6/2018	8050	3/6/2019	7325	3/5/2020	6050
3/7/2016	6850	3/7/2017	8500	3/7/2018	7825	3/7/2019	7325	3/6/2020	5675
3/8/2016	6725	3/8/2017	8400	3/8/2018	7850	3/8/2019	7150	3/9/2020	5025
3/10/2016	6925	3/9/2017	8250	3/9/2018	7775	3/11/2019	7225	3/10/2020	5150
3/11/2016	6925	3/10/2017	8150	3/12/2018	7800	3/12/2019	7175	3/11/2020	5125
3/14/2016	6925	3/13/2017	8250	3/13/2018	7700	3/13/2019	7125	3/12/2020	4910
3/15/2016	7100	3/14/2017	8200	3/14/2018	7575	3/14/2019	7200	3/13/2020	4910
3/16/2016	7200	3/15/2017	8175	3/15/2018	7450	3/15/2019	7325	3/16/2020	4590
3/17/2016	7325	3/16/2017	8575	3/16/2018	7450	3/18/2019	7325	3/17/2020	4270
3/18/2016	7450	3/17/2017	8475	3/19/2018	7275	3/19/2019	7275	3/18/2020	4150
3/21/2016	7450	3/20/2017	8500	3/20/2018	7300	3/20/2019	7275	3/19/2020	3860
3/22/2016	7450	3/21/2017	8475	3/21/2018	7300	3/21/2019	7250	3/20/2020	3780
3/23/2016	7400	3/22/2017	8400	3/22/2018	7350	3/22/2019	7225	3/23/2020	3520
3/24/2016	7375	3/23/2017	8450	3/23/2018	7275	3/25/2019	7050	3/24/2020	3280
3/28/2016	7250	3/24/2017	8525	3/26/2018	7225	3/26/2019	7100	3/26/2020	3620
3/29/2016	7075	3/27/2017	8525	3/27/2018	7300	3/27/2019	7175	3/27/2020	4080
3/30/2016	7100	3/29/2017	8725	3/28/2018	7100	3/28/2019	7100	3/30/2020	3800
3/31/2016	7250	3/30/2017	8675	3/29/2018	7300	3/29/2019	7300	3/31/2020	3900
		3/31/2017	8625	3/30/2018	7300				



ICBP									
2016		2017		2018		2019		2020	
Tanggal	P	Tanggal	P	Tanggal	P	Tanggal	P	Tanggal	P
3/1/2016	7825	3/1/2017	8275	3/1/2018	9000	3/1/2019	10300	3/2/2020	10150
3/2/2016	7925	3/2/2017	8250	3/2/2018	9100	3/4/2019	10350	3/3/2020	10950
3/3/2016	7987.5	3/3/2017	8225	3/5/2018	9000	3/5/2019	10275	3/4/2020	10950
3/4/2016	7962.5	3/6/2017	8300	3/6/2018	8925	3/6/2019	10250	3/5/2020	10950
3/7/2016	7750	3/7/2017	8225	3/7/2018	8725	3/7/2019	10250	3/6/2020	10950
3/8/2016	7750	3/8/2017	8200	3/8/2018	8800	3/8/2019	10250	3/9/2020	10375
3/10/2016	7637.5	3/9/2017	8150	3/9/2018	9000	3/11/2019	10300	3/10/2020	10775
3/11/2016	7637.5	3/10/2017	8150	3/12/2018	9100	3/12/2019	10225	3/11/2020	10950
3/14/2016	7637.5	3/13/2017	8325	3/13/2018	8725	3/13/2019	10350	3/12/2020	10525
3/15/2016	7812.5	3/14/2017	8375	3/14/2018	8700	3/14/2019	10375	3/13/2020	10975
3/16/2016	7700	3/15/2017	8475	3/15/2018	8625	3/15/2019	10425	3/16/2020	10400
3/17/2016	7812.5	3/16/2017	8825	3/16/2018	8750	3/18/2019	10375	3/17/2020	9750
3/18/2016	7887.5	3/17/2017	8700	3/19/2018	8825	3/19/2019	10300	3/18/2020	9325
3/21/2016	7875	3/20/2017	8725	3/20/2018	8575	3/20/2019	10375	3/19/2020	8850
3/22/2016	7712.5	3/21/2017	8725	3/21/2018	8600	3/21/2019	10375	3/20/2020	8975
3/23/2016	7650	3/22/2017	8800	3/22/2018	8750	3/22/2019	10325	3/23/2020	8350
3/24/2016	7612.5	3/23/2017	8775	3/23/2018	8700	3/25/2019	9400	3/24/2020	8300
3/28/2016	7550	3/24/2017	8600	3/26/2018	8550	3/26/2019	9575	3/26/2020	9500
3/29/2016	7512.5	3/27/2017	8425	3/27/2018	8375	3/27/2019	9150	3/27/2020	9975
3/30/2016	7562.5	3/29/2017	8375	3/28/2018	8475	3/28/2019	9275	3/30/2020	9650
3/31/2016	7600	3/30/2017	8250	3/29/2018	8275	3/29/2019	9325	3/31/2020	10225
		3/31/2017	8150	3/30/2018	8275				

INCO									
2016		2017		2018		2019		2020	
Tanggal	P	Tanggal	P	Tanggal	P	Tanggal	P	Tanggal	P
3/1/2016	1605	3/1/2017	2510	3/1/2018	3300	3/1/2019	3880	3/2/2020	2500
3/2/2016	1615	3/2/2017	2560	3/2/2018	3150	3/4/2019	3870	3/3/2020	2720
3/3/2016	1660	3/3/2017	2520	3/5/2018	3140	3/5/2019	3870	3/4/2020	2710
3/4/2016	1780	3/6/2017	2550	3/6/2018	3070	3/6/2019	3890	3/5/2020	2670
3/7/2016	1940	3/7/2017	2500	3/7/2018	3050	3/7/2019	3890	3/6/2020	2570
3/8/2016	1945	3/8/2017	2460	3/8/2018	2970	3/8/2019	3650	3/9/2020	2230

3/10/2016	1810	3/9/2017	2350	3/9/2018	2990	3/11/2019	3600	3/10/2020	2320
3/11/2016	1810	3/10/2017	2320	3/12/2018	3180	3/12/2019	3580	3/11/2020	2180
3/14/2016	1810	3/13/2017	2320	3/13/2018	3110	3/13/2019	3610	3/12/2020	1930
3/15/2016	1875	3/14/2017	2300	3/14/2018	3150	3/14/2019	3590	3/13/2020	1930
3/16/2016	1835	3/15/2017	2290	3/15/2018	3130	3/15/2019	3650	3/16/2020	1780
3/17/2016	1940	3/16/2017	2320	3/16/2018	3060	3/18/2019	3530	3/17/2020	1660
3/18/2016	1790	3/17/2017	2340	3/19/2018	2900	3/19/2019	3550	3/18/2020	1545
3/21/2016	1840	3/20/2017	2360	3/20/2018	2940	3/20/2019	3570	3/19/2020	1440
3/22/2016	1850	3/21/2017	2340	3/21/2018	3090	3/21/2019	3600	3/20/2020	1510
3/23/2016	1840	3/22/2017	2330	3/22/2018	3030	3/22/2019	3570	3/23/2020	1450
3/24/2016	1795	3/23/2017	2350	3/23/2018	2880	3/25/2019	3410	3/24/2020	1605
3/28/2016	1770	3/24/2017	2320	3/26/2018	2830	3/26/2019	3420	3/26/2020	1890
3/29/2016	1745	3/27/2017	2270	3/27/2018	2830	3/27/2019	3380	3/27/2020	2000
3/30/2016	1770	3/29/2017	2310	3/28/2018	2750	3/28/2019	3340	3/30/2020	2020
3/31/2016	1750	3/30/2017	2300	3/29/2018	2790	3/29/2019	3390	3/31/2020	2160
		3/31/2017	2390	3/30/2018	2790				

INDF									
2016		2017		2018		2019		2020	
Tanggal	P	Tanggal	P	Tanggal	P	Tanggal	P	Tanggal	P
3/1/2016	7150	3/1/2017	8000	3/1/2018	7775	3/1/2019	7300	3/2/2020	6675
3/2/2016	7275	3/2/2017	8025	3/2/2018	7700	3/4/2019	7375	3/3/2020	7125
3/3/2016	7375	3/3/2017	8050	3/5/2018	7600	3/5/2019	7150	3/4/2020	7175
3/4/2016	7475	3/6/2017	8075	3/6/2018	7450	3/6/2019	7200	3/5/2020	7200
3/7/2016	7400	3/7/2017	8025	3/7/2018	7275	3/7/2019	7200	3/6/2020	6950
3/8/2016	7350	3/8/2017	7975	3/8/2018	7325	3/8/2019	7250	3/9/2020	6375
3/10/2016	7425	3/9/2017	8000	3/9/2018	7450	3/11/2019	7150	3/10/2020	6750
3/11/2016	7425	3/10/2017	7925	3/12/2018	7550	3/12/2019	7100	3/11/2020	6800
3/14/2016	7425	3/13/2017	7950	3/13/2018	7500	3/13/2019	7175	3/12/2020	6650
3/15/2016	7425	3/14/2017	7925	3/14/2018	7325	3/14/2019	7100	3/13/2020	6650
3/16/2016	7225	3/15/2017	7975	3/15/2018	7175	3/15/2019	7100	3/16/2020	6425
3/17/2016	7200	3/16/2017	8300	3/16/2018	7150	3/18/2019	7200	3/17/2020	6125
3/18/2016	6875	3/17/2017	8325	3/19/2018	7200	3/19/2019	7275	3/18/2020	6075
3/21/2016	7100	3/20/2017	8175	3/20/2018	7000	3/20/2019	7225	3/19/2020	5650
3/22/2016	7075	3/21/2017	8125	3/21/2018	7275	3/21/2019	7250	3/20/2020	5750
3/23/2016	7100	3/22/2017	8100	3/22/2018	7150	3/22/2019	7300	3/23/2020	5350
3/24/2016	6975	3/23/2017	8075	3/23/2018	7150	3/25/2019	6775	3/24/2020	5050

3/28/2016	6875	3/24/2017	8050	3/26/2018	7200	3/26/2019	6900	3/26/2020	5975
3/29/2016	6925	3/27/2017	7950	3/27/2018	7150	3/27/2019	6575	3/27/2020	6800
3/30/2016	7250	3/29/2017	8000	3/28/2018	7125	3/28/2019	6575	3/30/2020	6350
3/31/2016	7225	3/30/2017	8000	3/29/2018	7200	3/29/2019	6425	3/31/2020	6350
		3/31/2017	8000	3/30/2018	7200				

KLB									
2016		2017		2018		2019		2020	
Tanggal	P	Tanggal	P	Tanggal	P	Tanggal	P	Tanggal	P
3/1/2016	1305	3/1/2017	1495	3/1/2018	1600	3/1/2019	1540	3/2/2020	1195
3/2/2016	1320	3/2/2017	1475	3/2/2018	1620	3/4/2019	1515	3/3/2020	1210
3/3/2016	1320	3/3/2017	1485	3/5/2018	1600	3/5/2019	1505	3/4/2020	1275
3/4/2016	1320	3/6/2017	1525	3/6/2018	1560	3/6/2019	1510	3/5/2020	1330
3/7/2016	1325	3/7/2017	1495	3/7/2018	1510	3/7/2019	1510	3/6/2020	1235
3/8/2016	1340	3/8/2017	1500	3/8/2018	1500	3/8/2019	1525	3/9/2020	1140
3/10/2016	1315	3/9/2017	1460	3/9/2018	1545	3/11/2019	1520	3/10/2020	1155
3/11/2016	1315	3/10/2017	1470	3/12/2018	1575	3/12/2019	1500	3/11/2020	1115
3/14/2016	1315	3/13/2017	1485	3/13/2018	1520	3/13/2019	1505	3/12/2020	1045
3/15/2016	1305	3/14/2017	1480	3/14/2018	1475	3/14/2019	1500	3/13/2020	1045
3/16/2016	1275	3/15/2017	1475	3/15/2018	1485	3/15/2019	1545	3/16/2020	1000
3/17/2016	1310	3/16/2017	1495	3/16/2018	1470	3/18/2019	1545	3/17/2020	995
3/18/2016	1290	3/17/2017	1510	3/19/2018	1480	3/19/2019	1555	3/18/2020	1045
3/21/2016	1300	3/20/2017	1520	3/20/2018	1435	3/20/2019	1520	3/19/2020	975
3/22/2016	1300	3/21/2017	1520	3/21/2018	1450	3/21/2019	1505	3/20/2020	980
3/23/2016	1300	3/22/2017	1490	3/22/2018	1430	3/22/2019	1510	3/23/2020	915
3/24/2016	1295	3/23/2017	1490	3/23/2018	1430	3/25/2019	1505	3/24/2020	865
3/28/2016	1280	3/24/2017	1505	3/26/2018	1400	3/26/2019	1515	3/26/2020	950
3/29/2016	1290	3/27/2017	1520	3/27/2018	1440	3/27/2019	1515	3/27/2020	1010
3/30/2016	1410	3/29/2017	1540	3/28/2018	1440	3/28/2019	1520	3/30/2020	1045
3/31/2016	1445	3/30/2017	1550	3/29/2018	1500	3/29/2019	1520	3/31/2020	1200
		3/31/2017	1540	3/30/2018	1500				

PTBA									
2016		2017		2018		2019		2020	
Tanggal	P	Tanggal	P	Tanggal	P	Tanggal	P	Tanggal	P

3/1/2016	1045	3/1/2017	2225	3/1/2018	3170	3/1/2019	4040	3/2/2020	2200
3/2/2016	1105	3/2/2017	2240	3/2/2018	3070	3/4/2019	4060	3/3/2020	2370
3/3/2016	1145	3/3/2017	2195	3/5/2018	3090	3/5/2019	3970	3/4/2020	2470
3/4/2016	1160	3/6/2017	2150	3/6/2018	3050	3/6/2019	4040	3/5/2020	2460
3/7/2016	1295	3/7/2017	2190	3/7/2018	2930	3/7/2019	4040	3/6/2020	2450
3/8/2016	1325	3/8/2017	2160	3/8/2018	2800	3/8/2019	4000	3/9/2020	2210
3/10/2016	1255	3/9/2017	2170	3/9/2018	2890	3/11/2019	4020	3/10/2020	2310
3/11/2016	1255	3/10/2017	2075	3/12/2018	3000	3/12/2019	3990	3/11/2020	2200
3/14/2016	1255	3/13/2017	2080	3/13/2018	2930	3/13/2019	4020	3/12/2020	2060
3/15/2016	1230	3/14/2017	2160	3/14/2018	2850	3/14/2019	4020	3/13/2020	2060
3/16/2016	1270	3/15/2017	2190	3/15/2018	2790	3/15/2019	4050	3/16/2020	2060
3/17/2016	1400	3/16/2017	2280	3/16/2018	2810	3/18/2019	4050	3/17/2020	1710
3/18/2016	1315	3/17/2017	2285	3/19/2018	2840	3/19/2019	4020	3/18/2020	1595
3/21/2016	1365	3/20/2017	2265	3/20/2018	2870	3/20/2019	4020	3/19/2020	1485
3/22/2016	1360	3/21/2017	2295	3/21/2018	2880	3/21/2019	4040	3/20/2020	1800
3/23/2016	1350	3/22/2017	2315	3/22/2018	2890	3/22/2019	4080	3/23/2020	1675
3/24/2016	1300	3/23/2017	2325	3/23/2018	2890	3/25/2019	4140	3/24/2020	1790
3/28/2016	1310	3/24/2017	2365	3/26/2018	2930	3/26/2019	4240	3/26/2020	2020
3/29/2016	1275	3/27/2017	2350	3/27/2018	2950	3/27/2019	4120	3/27/2020	2040
3/30/2016	1285	3/29/2017	2450	3/28/2018	2910	3/28/2019	4160	3/30/2020	1900
3/31/2016	1255	3/30/2017	2585	3/29/2018	2940	3/29/2019	4210	3/31/2020	2180
		3/31/2017	2640	3/30/2018	2940				

SMGR									
2016		2017		2018		2019		2020	
Tanggal	P	Tanggal	P	Tanggal	P	Tanggal	P	Tanggal	P
3/1/2016	10250	3/1/2017	9400	3/1/2018	11050	3/1/2019	12875	3/2/2020	10400
3/2/2016	10400	3/2/2017	9425	3/2/2018	10975	3/4/2019	12900	3/3/2020	10925
3/3/2016	10375	3/3/2017	9425	3/5/2018	10850	3/5/2019	12850	3/4/2020	11200
3/4/2016	10425	3/6/2017	9500	3/6/2018	10700	3/6/2019	12700	3/5/2020	11100
3/7/2016	10400	3/7/2017	9350	3/7/2018	10475	3/7/2019	12700	3/6/2020	10800
3/8/2016	10400	3/8/2017	9325	3/8/2018	10725	3/8/2019	12475	3/9/2020	9525
3/10/2016	10600	3/9/2017	9250	3/9/2018	10550	3/11/2019	12650	3/10/2020	9500
3/11/2016	10600	3/10/2017	9425	3/12/2018	10700	3/12/2019	12600	3/11/2020	9075
3/14/2016	10600	3/13/2017	9400	3/13/2018	10525	3/13/2019	12725	3/12/2020	8025
3/15/2016	10475	3/14/2017	9200	3/14/2018	10475	3/14/2019	12875	3/13/2020	8025
3/16/2016	10600	3/15/2017	9050	3/15/2018	10500	3/15/2019	12925	3/16/2020	7050

3/17/2016	10575	3/16/2017	9175	3/16/2018	10525	3/18/2019	13250	3/17/2020	6575
3/18/2016	10500	3/17/2017	9225	3/19/2018	10475	3/19/2019	13225	3/18/2020	6300
3/21/2016	10450	3/20/2017	9350	3/20/2018	10450	3/20/2019	12800	3/19/2020	5875
3/22/2016	10650	3/21/2017	9150	3/21/2018	10250	3/21/2019	13575	3/20/2020	7050
3/23/2016	10725	3/22/2017	9225	3/22/2018	10025	3/22/2019	13650	3/23/2020	6575
3/24/2016	10725	3/23/2017	9075	3/23/2018	9650	3/25/2019	13400	3/24/2020	6125
3/28/2016	10600	3/24/2017	8950	3/26/2018	9850	3/26/2019	13875	3/26/2020	6800
3/29/2016	10250	3/27/2017	8775	3/27/2018	9900	3/27/2019	13875	3/27/2020	7975
3/30/2016	10125	3/29/2017	9075	3/28/2018	9875	3/28/2019	13750	3/30/2020	7425
3/31/2016	10175	3/30/2017	8850	3/29/2018	10350	3/29/2019	13875	3/31/2020	7625
		3/31/2017	9000	3/30/2018	10350				

TLKM									
2016		2017		2018		2019		2020	
Tanggal	P	Tanggal	P	Tanggal	P	Tanggal	P	Tanggal	P
3/1/2016	3295	3/1/2017	3850	3/1/2018	4060	3/1/2019	3910	3/2/2020	3440
3/2/2016	3340	3/2/2017	3830	3/2/2018	4070	3/4/2019	3850	3/3/2020	3620
3/3/2016	3430	3/3/2017	3850	3/5/2018	4020	3/5/2019	3870	3/4/2020	3830
3/4/2016	3415	3/6/2017	3920	3/6/2018	4020	3/6/2019	3820	3/5/2020	3830
3/7/2016	3395	3/7/2017	3950	3/7/2018	4000	3/7/2019	3820	3/6/2020	3750
3/8/2016	3390	3/8/2017	3880	3/8/2018	4140	3/8/2019	3740	3/9/2020	3500
3/10/2016	3315	3/9/2017	3960	3/9/2018	4150	3/11/2019	3800	3/10/2020	3490
3/11/2016	3315	3/10/2017	3950	3/12/2018	4200	3/12/2019	3760	3/11/2020	3400
3/14/2016	3315	3/13/2017	3950	3/13/2018	4090	3/13/2019	3720	3/12/2020	3310
3/15/2016	3380	3/14/2017	4050	3/14/2018	4060	3/14/2019	3740	3/13/2020	3310
3/16/2016	3440	3/15/2017	4040	3/15/2018	3930	3/15/2019	3750	3/16/2020	3160
3/17/2016	3455	3/16/2017	4140	3/16/2018	3820	3/18/2019	3820	3/17/2020	2940
3/18/2016	3460	3/17/2017	4110	3/19/2018	3820	3/19/2019	3780	3/18/2020	2810
3/21/2016	3470	3/20/2017	4100	3/20/2018	3660	3/20/2019	3760	3/19/2020	2620
3/22/2016	3420	3/21/2017	4090	3/21/2018	3710	3/21/2019	3790	3/20/2020	2880
3/23/2016	3305	3/22/2017	4070	3/22/2018	3700	3/22/2019	3800	3/23/2020	2680
3/24/2016	3325	3/23/2017	4090	3/23/2018	3660	3/25/2019	3790	3/24/2020	2620
3/28/2016	3305	3/24/2017	4080	3/26/2018	3590	3/26/2019	3820	3/26/2020	2980
3/29/2016	3300	3/27/2017	4080	3/27/2018	3560	3/27/2019	3820	3/27/2020	3090
3/30/2016	3345	3/29/2017	4150	3/28/2018	3570	3/28/2019	3880	3/30/2020	3140
3/31/2016	3325	3/30/2017	4140	3/29/2018	3600	3/29/2019	3960	3/31/2020	3160
		3/31/2017	4130	3/30/2018	3600				

UNTR									
2016		2017		2018		2019		2020	
Tanggal	P	Tanggal	P	Tanggal	P	Tanggal	P	Tanggal	P
3/1/2016	15025	3/1/2017	23900	3/1/2018	36525	3/1/2019	26500	3/2/2020	16675
3/2/2016	15125	3/2/2017	25075	3/2/2018	35700	3/4/2019	27500	3/3/2020	17650
3/3/2016	15350	3/3/2017	25100	3/5/2018	35175	3/5/2019	26875	3/4/2020	18500
3/4/2016	14975	3/6/2017	26200	3/6/2018	36075	3/6/2019	26600	3/5/2020	18025
3/7/2016	14875	3/7/2017	26000	3/7/2018	34900	3/7/2019	26600	3/6/2020	17300
3/8/2016	15350	3/8/2017	25600	3/8/2018	35975	3/8/2019	26100	3/9/2020	15800
3/10/2016	15475	3/9/2017	25900	3/9/2018	36225	3/11/2019	26900	3/10/2020	16525
3/11/2016	15475	3/10/2017	25750	3/12/2018	36450	3/12/2019	26150	3/11/2020	16300
3/14/2016	15475	3/13/2017	25400	3/13/2018	35200	3/13/2019	26275	3/12/2020	15200
3/15/2016	15100	3/14/2017	25950	3/14/2018	33700	3/14/2019	26125	3/13/2020	15200
3/16/2016	15300	3/15/2017	25350	3/15/2018	33700	3/15/2019	26475	3/16/2020	14525
3/17/2016	15450	3/16/2017	25700	3/16/2018	32575	3/18/2019	26825	3/17/2020	13525
3/18/2016	15675	3/17/2017	27000	3/19/2018	32500	3/19/2019	27500	3/18/2020	13400
3/21/2016	15675	3/20/2017	26075	3/20/2018	32050	3/20/2019	27800	3/19/2020	12600
3/22/2016	15450	3/21/2017	27250	3/21/2018	32400	3/21/2019	27700	3/20/2020	14850
3/23/2016	15350	3/22/2017	27800	3/22/2018	32700	3/22/2019	27950	3/23/2020	13825
3/24/2016	15200	3/23/2017	27600	3/23/2018	32000	3/25/2019	27100	3/24/2020	13975
3/28/2016	15000	3/24/2017	27775	3/26/2018	32000	3/26/2019	27225	3/26/2020	15025
3/29/2016	15250	3/27/2017	27150	3/27/2018	32000	3/27/2019	27250	3/27/2020	15500
3/30/2016	15300	3/29/2017	27850	3/28/2018	31800	3/28/2019	27000	3/30/2020	14425
3/31/2016	15300	3/30/2017	27850	3/29/2018	32000	3/29/2019	27000	3/31/2020	16900
		3/31/2017	26500	3/30/2018	32000				

UNVR									
2016		2017		2018		2019		2020	
Tanggal	P	Tanggal	P	Tanggal	P	Tanggal	P	Tanggal	P
3/1/2016	9080	3/1/2017	8435	3/1/2018	10795	3/1/2019	9810	3/2/2020	6900
3/2/2016	9560	3/2/2017	8420	3/2/2018	10780	3/4/2019	9800	3/3/2020	7125
3/3/2016	9285	3/3/2017	8395	3/5/2018	10795	3/5/2019	9730	3/4/2020	7425
3/4/2016	9040	3/6/2017	8475	3/6/2018	10505	3/6/2019	9780	3/5/2020	7400
3/7/2016	8830	3/7/2017	8495	3/7/2018	10230	3/7/2019	9780	3/6/2020	7450

3/8/2016	8700	3/8/2017	8485	3/8/2018	10240	3/8/2019	9620	3/9/2020	7025
3/10/2016	8550	3/9/2017	8485	3/9/2018	10110	3/11/2019	9610	3/10/2020	7100
3/11/2016	8550	3/10/2017	8460	3/12/2018	10090	3/12/2019	9800	3/11/2020	7300
3/14/2016	8550	3/13/2017	8480	3/13/2018	10090	3/13/2019	9890	3/12/2020	7225
3/15/2016	8810	3/14/2017	8440	3/14/2018	10025	3/14/2019	9930	3/13/2020	7225
3/16/2016	8810	3/15/2017	8435	3/15/2018	10025	3/15/2019	9960	3/16/2020	6975
3/17/2016	8775	3/16/2017	8720	3/16/2018	9940	3/18/2019	9900	3/17/2020	6500
3/18/2016	8890	3/17/2017	8800	3/19/2018	9980	3/19/2019	9845	3/18/2020	6050
3/21/2016	8800	3/20/2017	8785	3/20/2018	10000	3/20/2019	9900	3/19/2020	5650
3/22/2016	8705	3/21/2017	8785	3/21/2018	10255	3/21/2019	9815	3/20/2020	6225
3/23/2016	8600	3/22/2017	8570	3/22/2018	10150	3/22/2019	9830	3/23/2020	5800
3/24/2016	8505	3/23/2017	8500	3/23/2018	10195	3/25/2019	9700	3/24/2020	5675
3/28/2016	8400	3/24/2017	8630	3/26/2018	10070	3/26/2019	9650	3/26/2020	6775
3/29/2016	8595	3/27/2017	8670	3/27/2018	10000	3/27/2019	9760	3/27/2020	6800
3/30/2016	8595	3/29/2017	8730	3/28/2018	9880	3/28/2019	9840	3/30/2020	6425
3/31/2016	8585	3/30/2017	8740	3/29/2018	9905	3/29/2019	9840	3/31/2020	7250
		3/31/2017	8665	3/30/2018	9905				

WIKA									
2016		2017		2018		2019		2020	
Tanggal	P	Tanggal	P	Tanggal	P	Tanggal	P	Tanggal	P
3/1/2016	2412.421	3/1/2017	2500	3/1/2018	1910	3/1/2019	1830	3/2/2020	1800
3/2/2016	2329.075	3/2/2017	2510	3/2/2018	1900	3/4/2019	1870	3/3/2020	1810
3/3/2016	2268.88	3/3/2017	2480	3/5/2018	1875	3/5/2019	1815	3/4/2020	1875
3/4/2016	2287.401	3/6/2017	2490	3/6/2018	1865	3/6/2019	1830	3/5/2020	1830
3/7/2016	2333.705	3/7/2017	2450	3/7/2018	1810	3/7/2019	1830	3/6/2020	1795
3/8/2016	2338.335	3/8/2017	2450	3/8/2018	1815	3/8/2019	1810	3/9/2020	1480
3/10/2016	2370.748	3/9/2017	2480	3/9/2018	1815	3/11/2019	1815	3/10/2020	1550
3/11/2016	2370.748	3/10/2017	2470	3/12/2018	1820	3/12/2019	1810	3/11/2020	1400
3/14/2016	2370.748	3/13/2017	2470	3/13/2018	1800	3/13/2019	1860	3/12/2020	1145
3/15/2016	2356.857	3/14/2017	2480	3/14/2018	1785	3/14/2019	1920	3/13/2020	1180
3/16/2016	2467.986	3/15/2017	2450	3/15/2018	1745	3/15/2019	1935	3/16/2020	1100
3/17/2016	2505.029	3/16/2017	2450	3/16/2018	1710	3/18/2019	1945	3/17/2020	1025
3/18/2016	2477.246	3/17/2017	2490	3/19/2018	1710	3/19/2019	2000	3/18/2020	955
3/21/2016	2449.464	3/20/2017	2450	3/20/2018	1700	3/20/2019	2000	3/19/2020	890
3/22/2016	2454.094	3/21/2017	2480	3/21/2018	1750	3/21/2019	2000	3/20/2020	830
3/23/2016	2449.464	3/22/2017	2460	3/22/2018	1695	3/22/2019	1975	3/23/2020	775

3/24/2016	2449.464	3/23/2017	2490	3/23/2018	1710	3/25/2019	1930	3/24/2020	725
3/28/2016	2407.791	3/24/2017	2460	3/26/2018	1705	3/26/2019	1965	3/26/2020	805
3/29/2016	2393.9	3/27/2017	2430	3/27/2018	1695	3/27/2019	2070	3/27/2020	880
3/30/2016	2393.9	3/29/2017	2400	3/28/2018	1695	3/28/2019	2150	3/30/2020	820
3/31/2016	2417.052	3/30/2017	2430	3/29/2018	1680	3/29/2019	2150	3/31/2020	835
		3/31/2017	2410	3/30/2018	1680				

BSDE									
2016		2017		2018		2019		2020	
Tanggal	P	Tanggal	P	Tanggal	P	Tanggal	P	Tanggal	P
3/1/2016	1725	3/1/2017	1790	3/1/2018	1850	3/1/2019	1355	3/2/2020	965
3/2/2016	1730	3/2/2017	1785	3/2/2018	1845	3/4/2019	1365	3/3/2020	1050
3/3/2016	1740	3/3/2017	1765	3/5/2018	1825	3/5/2019	1330	3/4/2020	1115
3/4/2016	1745	3/6/2017	1765	3/6/2018	1785	3/6/2019	1360	3/5/2020	1100
3/7/2016	1725	3/7/2017	1785	3/7/2018	1750	3/7/2019	1360	3/6/2020	1015
3/8/2016	1715	3/8/2017	1765	3/8/2018	1780	3/8/2019	1320	3/9/2020	940
3/10/2016	1705	3/9/2017	1765	3/9/2018	1800	3/11/2019	1325	3/10/2020	940
3/11/2016	1705	3/10/2017	1760	3/12/2018	1785	3/12/2019	1350	3/11/2020	900
3/14/2016	1705	3/13/2017	1730	3/13/2018	1745	3/13/2019	1355	3/12/2020	855
3/15/2016	1775	3/14/2017	1740	3/14/2018	1720	3/14/2019	1350	3/13/2020	815
3/16/2016	1815	3/15/2017	1740	3/15/2018	1745	3/15/2019	1355	3/16/2020	760
3/17/2016	1875	3/16/2017	1775	3/16/2018	1755	3/18/2019	1390	3/17/2020	800
3/18/2016	1900	3/17/2017	1840	3/19/2018	1770	3/19/2019	1420	3/18/2020	745
3/21/2016	1910	3/20/2017	1835	3/20/2018	1715	3/20/2019	1400	3/19/2020	695
3/22/2016	1865	3/21/2017	1835	3/21/2018	1780	3/21/2019	1450	3/20/2020	675
3/23/2016	1865	3/22/2017	1885	3/22/2018	1760	3/22/2019	1455	3/23/2020	630
3/24/2016	1845	3/23/2017	1845	3/23/2018	1740	3/25/2019	1405	3/24/2020	595
3/28/2016	1825	3/24/2017	1865	3/26/2018	1760	3/26/2019	1480	3/26/2020	600
3/29/2016	1825	3/27/2017	1840	3/27/2018	1730	3/27/2019	1485	3/27/2020	740
3/30/2016	1840	3/29/2017	1840	3/28/2018	1740	3/28/2019	1415	3/30/2020	690
3/31/2016	1835	3/30/2017	1860	3/29/2018	1780	3/29/2019	1420	3/31/2020	670
		3/31/2017	1885	3/30/2018	1780				

INTP				
2016	2017	2018	2019	2020



Tanggal	P	Tanggal	P	Tanggal	P	Tanggal	P	Tanggal	P
3/1/2016	20000	3/1/2017	15325	3/1/2018	21600	3/1/2019	19175	3/2/2020	14600
3/2/2016	20175	3/2/2017	15400	3/2/2018	21450	3/4/2019	18975	3/3/2020	14050
3/3/2016	20300	3/3/2017	15500	3/5/2018	20700	3/5/2019	18825	3/4/2020	15525
3/4/2016	20400	3/6/2017	15475	3/6/2018	20450	3/6/2019	19925	3/5/2020	15000
3/7/2016	20100	3/7/2017	15500	3/7/2018	19850	3/7/2019	19925	3/6/2020	14950
3/8/2016	20350	3/8/2017	15400	3/8/2018	20075	3/8/2019	19400	3/9/2020	13650
3/10/2016	20525	3/9/2017	15500	3/9/2018	20125	3/11/2019	19050	3/10/2020	13800
3/11/2016	20525	3/10/2017	15475	3/12/2018	20525	3/12/2019	18700	3/11/2020	13400
3/14/2016	20525	3/13/2017	15500	3/13/2018	20400	3/13/2019	18800	3/12/2020	12050
3/15/2016	20575	3/14/2017	15400	3/14/2018	20300	3/14/2019	18625	3/13/2020	12050
3/16/2016	20725	3/15/2017	15650	3/15/2018	20000	3/15/2019	19000	3/16/2020	12050
3/17/2016	20700	3/16/2017	16000	3/16/2018	19550	3/18/2019	19200	3/17/2020	9775
3/18/2016	20675	3/17/2017	15900	3/19/2018	19200	3/19/2019	19600	3/18/2020	9950
3/21/2016	20750	3/20/2017	15900	3/20/2018	18950	3/20/2019	19500	3/19/2020	9275
3/22/2016	20500	3/21/2017	15975	3/21/2018	18725	3/21/2019	20925	3/20/2020	11125
3/23/2016	20125	3/22/2017	16500	3/22/2018	17625	3/22/2019	21000	3/23/2020	10350
3/24/2016	19700	3/23/2017	16425	3/23/2018	17425	3/25/2019	20700	3/24/2020	10350
3/28/2016	19300	3/24/2017	16275	3/26/2018	17150	3/26/2019	21325	3/26/2020	12400
3/29/2016	19700	3/27/2017	16250	3/27/2018	17400	3/27/2019	21025	3/27/2020	13350
3/30/2016	19975	3/29/2017	16800	3/28/2018	16475	3/28/2019	21475	3/30/2020	12425
3/31/2016	19725	3/30/2017	16650	3/29/2018	16000	3/29/2019	21350	3/31/2020	12500
		3/31/2017	16600	3/30/2018	16000				

LPPF									
2016		2017		2018		2019		2020	
Tanggal	P	Tanggal	P	Tanggal	P	Tanggal	P	Tanggal	P
3/1/2016	17650	3/1/2017	11725	3/1/2018	11250	3/1/2019	5950	3/2/2020	3090
3/2/2016	17650	3/2/2017	12925	3/2/2018	10800	3/4/2019	5500	3/3/2020	3190
3/3/2016	17725	3/3/2017	13100	3/5/2018	11000	3/5/2019	4280	3/4/2020	3210
3/4/2016	17275	3/6/2017	13075	3/6/2018	11050	3/6/2019	3600	3/5/2020	2980
3/7/2016	16950	3/7/2017	13200	3/7/2018	10750	3/7/2019	3600	3/6/2020	2850
3/8/2016	16800	3/8/2017	13050	3/8/2018	10500	3/8/2019	3880	3/9/2020	2600
3/10/2016	17700	3/9/2017	13225	3/9/2018	11000	3/11/2019	3650	3/10/2020	2580
3/11/2016	17700	3/10/2017	13200	3/12/2018	11600	3/12/2019	3470	3/11/2020	2580
3/14/2016	17700	3/13/2017	13050	3/13/2018	11650	3/13/2019	3460	3/12/2020	2270
3/15/2016	17850	3/14/2017	13150	3/14/2018	11200	3/14/2019	3690	3/13/2020	2120

3/16/2016	17800	3/15/2017	13225	3/15/2018	11500	3/15/2019	3790	3/16/2020	1975
3/17/2016	18275	3/16/2017	13525	3/16/2018	11500	3/18/2019	4160	3/17/2020	1840
3/18/2016	18250	3/17/2017	13850	3/19/2018	11500	3/19/2019	4060	3/18/2020	1715
3/21/2016	18000	3/20/2017	13750	3/20/2018	11350	3/20/2019	4110	3/19/2020	1595
3/22/2016	18200	3/21/2017	14075	3/21/2018	11200	3/21/2019	4150	3/20/2020	1550
3/23/2016	18100	3/22/2017	14350	3/22/2018	11175	3/22/2019	4150	3/23/2020	1445
3/24/2016	18000	3/23/2017	14250	3/23/2018	10800	3/25/2019	4040	3/24/2020	1345
3/28/2016	17500	3/24/2017	13900	3/26/2018	10900	3/26/2019	3950	3/26/2020	1335
3/29/2016	17225	3/27/2017	13550	3/27/2018	10925	3/27/2019	3910	3/27/2020	1365
3/30/2016	18000	3/29/2017	13325	3/28/2018	10600	3/28/2019	4050	3/30/2020	1270
3/31/2016	18350	3/30/2017	13125	3/29/2018	10950	3/29/2019	4050	3/31/2020	1335
		3/31/2017	13175	3/30/2018	10950				

PGAS									
2016		2017		2018		2019		2020	
Tanggal	P	Tanggal	P	Tanggal	P	Tanggal	P	Tanggal	P
3/1/2016	2585	3/1/2017	2790	3/1/2018	2610	3/1/2019	2490	3/2/2020	1290
3/2/2016	2605	3/2/2017	2770	3/2/2018	2600	3/4/2019	2540	3/3/2020	1345
3/3/2016	2625	3/3/2017	2830	3/5/2018	2600	3/5/2019	2460	3/4/2020	1425
3/4/2016	2650	3/6/2017	2830	3/6/2018	2570	3/6/2019	2460	3/5/2020	1425
3/7/2016	2645	3/7/2017	2800	3/7/2018	2460	3/7/2019	2460	3/6/2020	1345
3/8/2016	2680	3/8/2017	2740	3/8/2018	2430	3/8/2019	2430	3/9/2020	1170
3/10/2016	2675	3/9/2017	2720	3/9/2018	2390	3/11/2019	2390	3/10/2020	1205
3/11/2016	2675	3/10/2017	2710	3/12/2018	2520	3/12/2019	2350	3/11/2020	1125
3/14/2016	2675	3/13/2017	2730	3/13/2018	2420	3/13/2019	2390	3/12/2020	1005
3/15/2016	2615	3/14/2017	2710	3/14/2018	2410	3/14/2019	2420	3/13/2020	980
3/16/2016	2625	3/15/2017	2630	3/15/2018	2300	3/15/2019	2510	3/16/2020	915
3/17/2016	2670	3/16/2017	2650	3/16/2018	2260	3/18/2019	2470	3/17/2020	855
3/18/2016	2605	3/17/2017	2540	3/19/2018	2210	3/19/2019	2470	3/18/2020	800
3/21/2016	2655	3/20/2017	2540	3/20/2018	2250	3/20/2019	2430	3/19/2020	745
3/22/2016	2655	3/21/2017	2430	3/21/2018	2280	3/21/2019	2370	3/20/2020	695
3/23/2016	2650	3/22/2017	2460	3/22/2018	2300	3/22/2019	2360	3/23/2020	650
3/24/2016	2615	3/23/2017	2490	3/23/2018	2310	3/25/2019	2330	3/24/2020	605
3/28/2016	2595	3/24/2017	2460	3/26/2018	2430	3/26/2019	2380	3/26/2020	680
3/29/2016	2605	3/27/2017	2410	3/27/2018	2380	3/27/2019	2340	3/27/2020	760
3/30/2016	2590	3/29/2017	2540	3/28/2018	2280	3/28/2019	2350	3/30/2020	730
3/31/2016	2615	3/30/2017	2550	3/29/2018	2300	3/29/2019	2360	3/31/2020	775

		3/31/2017	2530	3/30/2018	2300			
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PTPP									
2016		2017		2018		2019		2020	
Tanggal	P	Tanggal	P	Tanggal	P	Tanggal	P	Tanggal	P
3/1/2016	3497.75	3/1/2017	3470	3/1/2018	3150	3/1/2019	2020	3/2/2020	1120
3/2/2016	3516.759	3/2/2017	3580	3/2/2018	3120	3/4/2019	2040	3/3/2020	1125
3/3/2016	3540.521	3/3/2017	3540	3/5/2018	3020	3/5/2019	2000	3/4/2020	1170
3/4/2016	3521.512	3/6/2017	3550	3/6/2018	2960	3/6/2019	2010	3/5/2020	1160
3/7/2016	3540.521	3/7/2017	3500	3/7/2018	2910	3/7/2019	2010	3/6/2020	1105
3/8/2016	3540.521	3/8/2017	3480	3/8/2018	2950	3/8/2019	1975	3/9/2020	950
3/10/2016	3607.054	3/9/2017	3400	3/9/2018	2940	3/11/2019	1955	3/10/2020	980
3/11/2016	3607.054	3/10/2017	3380	3/12/2018	3030	3/12/2019	1960	3/11/2020	900
3/14/2016	3607.054	3/13/2017	3410	3/13/2018	3000	3/13/2019	2060	3/12/2020	785
3/15/2016	3692.597	3/14/2017	3430	3/14/2018	3000	3/14/2019	2080	3/13/2020	780
3/16/2016	3683.093	3/15/2017	3410	3/15/2018	2900	3/15/2019	2070	3/16/2020	730
3/17/2016	3721.112	3/16/2017	3400	3/16/2018	2750	3/18/2019	2070	3/17/2020	680
3/18/2016	3687.845	3/17/2017	3370	3/19/2018	2690	3/19/2019	2100	3/18/2020	635
3/21/2016	3668.835	3/20/2017	3310	3/20/2018	2660	3/20/2019	2110	3/19/2020	595
3/22/2016	3683.093	3/21/2017	3260	3/21/2018	2800	3/21/2019	2110	3/20/2020	555
3/23/2016	3740.121	3/22/2017	3330	3/22/2018	2700	3/22/2019	2070	3/23/2020	520
3/24/2016	3654.578	3/23/2017	3440	3/23/2018	2700	3/25/2019	1990	3/24/2020	486
3/28/2016	3683.093	3/24/2017	3390	3/26/2018	2750	3/26/2019	2010	3/26/2020	530
3/29/2016	3683.093	3/27/2017	3310	3/27/2018	2740	3/27/2019	2040	3/27/2020	585
3/30/2016	3649.826	3/29/2017	3280	3/28/2018	2680	3/28/2019	2120	3/30/2020	545
3/31/2016	3668.835	3/30/2017	3310	3/29/2018	2610	3/29/2019	2100	3/31/2020	550
		3/31/2017	3310	3/30/2018	2610				

SCMA									
2016		2017		2018		2019		2020	
Tanggal	P	Tanggal	P	Tanggal	P	Tanggal	P	Tanggal	P
3/1/2016	2900	3/1/2017	2870	3/1/2018	2810	3/1/2019	1755	3/2/2020	1115
3/2/2016	2910	3/2/2017	2890	3/2/2018	2750	3/4/2019	1840	3/3/2020	1135
3/3/2016	2910	3/3/2017	2740	3/5/2018	2720	3/5/2019	1810	3/4/2020	1175
3/4/2016	2850	3/6/2017	2740	3/6/2018	2670	3/6/2019	1805	3/5/2020	1150

3/7/2016	2835	3/7/2017	2780	3/7/2018	2690	3/7/2019	1805	3/6/2020	1085
3/8/2016	2870	3/8/2017	2800	3/8/2018	2700	3/8/2019	1815	3/9/2020	945
3/10/2016	2895	3/9/2017	2740	3/9/2018	2710	3/11/2019	1785	3/10/2020	935
3/11/2016	2895	3/10/2017	2710	3/12/2018	2750	3/12/2019	1770	3/11/2020	915
3/14/2016	2895	3/13/2017	2770	3/13/2018	2880	3/13/2019	1775	3/12/2020	825
3/15/2016	2965	3/14/2017	2770	3/14/2018	2850	3/14/2019	1780	3/13/2020	815
3/16/2016	2955	3/15/2017	2700	3/15/2018	2820	3/15/2019	1755	3/16/2020	760
3/17/2016	2980	3/16/2017	2710	3/16/2018	2780	3/18/2019	1745	3/17/2020	710
3/18/2016	3095	3/17/2017	2720	3/19/2018	2790	3/19/2019	1740	3/18/2020	675
3/21/2016	3155	3/20/2017	2650	3/20/2018	2720	3/20/2019	1735	3/19/2020	635
3/22/2016	3115	3/21/2017	2600	3/21/2018	2790	3/21/2019	1775	3/20/2020	750
3/23/2016	3030	3/22/2017	2700	3/22/2018	2750	3/22/2019	1735	3/23/2020	700
3/24/2016	3100	3/23/2017	2720	3/23/2018	2710	3/25/2019	1695	3/24/2020	715
3/28/2016	3190	3/24/2017	2670	3/26/2018	2700	3/26/2019	1680	3/26/2020	750
3/29/2016	3250	3/27/2017	2640	3/27/2018	2710	3/27/2019	1670	3/27/2020	765
3/30/2016	3170	3/29/2017	2670	3/28/2018	2660	3/28/2019	1650	3/30/2020	715
3/31/2016	3140	3/30/2017	2700	3/29/2018	2710	3/29/2019	1650	3/31/2020	775
		3/31/2017	2700	3/30/2018	2710				

ANTM									
2016		2017		2018		2019		2020	
Tanggal	P	Tanggal	P	Tanggal	P	Tanggal	P	Tanggal	P
3/1/2016	365	3/1/2017	750	3/1/2018	940	3/1/2019	1055	3/2/2020	585
3/2/2016	381	3/2/2017	770	3/2/2018	920	3/4/2019	1050	3/3/2020	615
3/3/2016	387	3/3/2017	755	3/5/2018	910	3/5/2019	1035	3/4/2020	630
3/4/2016	403	3/6/2017	760	3/6/2018	905	3/6/2019	1045	3/5/2020	630
3/7/2016	422	3/7/2017	750	3/7/2018	885	3/7/2019	1045	3/6/2020	610
3/8/2016	424	3/8/2017	730	3/8/2018	875	3/8/2019	990	3/9/2020	555
3/10/2016	424	3/9/2017	735	3/9/2018	850	3/11/2019	1000	3/10/2020	575
3/11/2016	424	3/10/2017	730	3/12/2018	900	3/12/2019	970	3/11/2020	540
3/14/2016	424	3/13/2017	725	3/13/2018	880	3/13/2019	975	3/12/2020	490
3/15/2016	453	3/14/2017	705	3/14/2018	880	3/14/2019	970	3/13/2020	490
3/16/2016	459	3/15/2017	695	3/15/2018	860	3/15/2019	980	3/16/2020	490
3/17/2016	461	3/16/2017	715	3/16/2018	845	3/18/2019	955	3/17/2020	416
3/18/2016	474	3/17/2017	760	3/19/2018	820	3/19/2019	960	3/18/2020	388
3/21/2016	470	3/20/2017	760	3/20/2018	805	3/20/2019	960	3/19/2020	362
3/22/2016	471	3/21/2017	750	3/21/2018	835	3/21/2019	960	3/20/2020	374

3/23/2016	468	3/22/2017	740	3/22/2018	820	3/22/2019	960	3/23/2020	348
3/24/2016	458	3/23/2017	745	3/23/2018	790	3/25/2019	920	3/24/2020	364
3/28/2016	459	3/24/2017	730	3/26/2018	785	3/26/2019	920	3/26/2020	416
3/29/2016	456	3/27/2017	720	3/27/2018	775	3/27/2019	900	3/27/2020	460
3/30/2016	465	3/29/2017	745	3/28/2018	770	3/28/2019	885	3/30/2020	432
3/31/2016	464	3/30/2017	725	3/29/2018	775	3/29/2019	890	3/31/2020	450
		3/31/2017	730	3/30/2018	775				

CTRA									
2016		2017		2018		2019		2020	
Tanggal	P	Tanggal	P	Tanggal	P	Tanggal	P	Tanggal	P
3/1/2016	1306.932	3/1/2017	1305	3/1/2018	1290	3/1/2019	905	3/2/2020	905
3/2/2016	1306.932	3/2/2017	1305	3/2/2018	1250	3/4/2019	905	3/3/2020	915
3/3/2016	1316.871	3/3/2017	1285	3/5/2018	1265	3/5/2019	895	3/4/2020	945
3/4/2016	1336.748	3/6/2017	1295	3/6/2018	1260	3/6/2019	880	3/5/2020	920
3/7/2016	1321.84	3/7/2017	1295	3/7/2018	1220	3/7/2019	880	3/6/2020	885
3/8/2016	1296.994	3/8/2017	1295	3/8/2018	1250	3/8/2019	875	3/9/2020	800
3/10/2016	1282.086	3/9/2017	1280	3/9/2018	1245	3/11/2019	860	3/10/2020	790
3/11/2016	1282.086	3/10/2017	1255	3/12/2018	1245	3/12/2019	865	3/11/2020	780
3/14/2016	1282.086	3/13/2017	1265	3/13/2018	1200	3/13/2019	865	3/12/2020	725
3/15/2016	1316.871	3/14/2017	1255	3/14/2018	1195	3/14/2019	885	3/13/2020	725
3/16/2016	1321.84	3/15/2017	1265	3/15/2018	1215	3/15/2019	905	3/16/2020	725
3/17/2016	1341.718	3/16/2017	1275	3/16/2018	1180	3/18/2019	940	3/17/2020	620
3/18/2016	1316.871	3/17/2017	1260	3/19/2018	1225	3/19/2019	935	3/18/2020	580
3/21/2016	1316.871	3/20/2017	1240	3/20/2018	1200	3/20/2019	930	3/19/2020	540
3/22/2016	1292.024	3/21/2017	1265	3/21/2018	1195	3/21/2019	980	3/20/2020	555
3/23/2016	1287.055	3/22/2017	1265	3/22/2018	1145	3/22/2019	1025	3/23/2020	520
3/24/2016	1277.116	3/23/2017	1270	3/23/2018	1115	3/25/2019	1005	3/24/2020	484
3/28/2016	1257.239	3/24/2017	1270	3/26/2018	1135	3/26/2019	1035	3/26/2020	460
3/29/2016	1262.208	3/27/2017	1255	3/27/2018	1145	3/27/2019	1015	3/27/2020	482
3/30/2016	1296.994	3/29/2017	1240	3/28/2018	1145	3/28/2019	995	3/30/2020	450
3/31/2016	1296.994	3/30/2017	1215	3/29/2018	1175	3/29/2019	1005	3/31/2020	444
		3/31/2017	1230	3/30/2018	1175				

EXCL
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2016		2017		2018		2019		2020	
Tanggal	P	Tanggal	P	Tanggal	P	Tanggal	P	Tanggal	P
3/1/2016	3846.924	3/1/2017	2940	3/1/2018	2890	3/1/2019	2490	3/2/2020	2520
3/2/2016	3846.924	3/2/2017	2910	3/2/2018	2840	3/4/2019	2450	3/3/2020	2500
3/3/2016	3950.495	3/3/2017	2890	3/5/2018	2860	3/5/2019	2400	3/4/2020	2540
3/4/2016	4073.794	3/6/2017	2900	3/6/2018	2870	3/6/2019	2420	3/5/2020	2480
3/7/2016	4118.182	3/7/2017	2870	3/7/2018	2760	3/7/2019	2420	3/6/2020	2310
3/8/2016	4078.726	3/8/2017	2830	3/8/2018	2720	3/8/2019	2350	3/9/2020	2100
3/10/2016	3955.427	3/9/2017	2960	3/9/2018	2750	3/11/2019	2400	3/10/2020	2130
3/11/2016	3955.427	3/10/2017	2980	3/12/2018	2730	3/12/2019	2460	3/11/2020	1995
3/14/2016	3955.427	3/13/2017	3000	3/13/2018	2650	3/13/2019	2620	3/12/2020	1865
3/15/2016	4044.202	3/14/2017	3050	3/14/2018	2590	3/14/2019	2560	3/13/2020	1800
3/16/2016	3965.291	3/15/2017	3010	3/15/2018	2550	3/15/2019	2590	3/16/2020	1675
3/17/2016	4004.747	3/16/2017	3180	3/16/2018	2500	3/18/2019	2700	3/17/2020	1575
3/18/2016	4014.61	3/17/2017	3250	3/19/2018	2600	3/19/2019	2650	3/18/2020	1515
3/21/2016	4039.27	3/20/2017	3200	3/20/2018	2550	3/20/2019	2700	3/19/2020	1410
3/22/2016	4039.27	3/21/2017	3250	3/21/2018	2580	3/21/2019	2680	3/20/2020	1595
3/23/2016	3945.563	3/22/2017	3180	3/22/2018	2530	3/22/2019	2660	3/23/2020	1485
3/24/2016	3891.312	3/23/2017	3280	3/23/2018	2460	3/25/2019	2590	3/24/2020	1410
3/28/2016	3807.468	3/24/2017	3270	3/26/2018	2520	3/26/2019	2680	3/26/2020	1760
3/29/2016	3837.06	3/27/2017	3290	3/27/2018	2520	3/27/2019	2680	3/27/2020	1800
3/30/2016	3945.563	3/29/2017	3180	3/28/2018	2520	3/28/2019	2680	3/30/2020	1800
3/31/2016	3945.563	3/30/2017	3220	3/29/2018	2520	3/29/2019	2680	3/31/2020	2000
		3/31/2017	3060	3/30/2018	2520				

JSMR									
2016		2017		2018		2019		2020	
Tanggal	P	Tanggal	P	Tanggal	P	Tanggal	P	Tanggal	P
3/1/2016	5387.383	3/1/2017	4660	3/1/2018	5425	3/1/2019	5375	3/2/2020	4620
3/2/2016	5462.208	3/2/2017	4810	3/2/2018	5350	3/4/2019	5375	3/3/2020	4760
3/3/2016	5412.324	3/3/2017	4680	3/5/2018	5325	3/5/2019	5250	3/4/2020	4820
3/4/2016	5337.5	3/6/2017	4580	3/6/2018	5300	3/6/2019	5150	3/5/2020	4890
3/7/2016	5262.675	3/7/2017	4510	3/7/2018	5225	3/7/2019	5150	3/6/2020	4740
3/8/2016	5287.616	3/8/2017	4580	3/8/2018	5225	3/8/2019	5075	3/9/2020	4410
3/10/2016	5287.616	3/9/2017	4530	3/9/2018	5200	3/11/2019	5025	3/10/2020	4500
3/11/2016	5287.616	3/10/2017	4440	3/12/2018	5200	3/12/2019	5025	3/11/2020	4350
3/14/2016	5287.616	3/13/2017	4510	3/13/2018	5150	3/13/2019	5075	3/12/2020	3900

3/15/2016	5487.149	3/14/2017	4630	3/14/2018	4990	3/14/2019	5050	3/13/2020	3700
3/16/2016	5561.974	3/15/2017	4590	3/15/2018	4920	3/15/2019	5250	3/16/2020	3700
3/17/2016	5586.916	3/16/2017	4630	3/16/2018	4840	3/18/2019	5250	3/17/2020	3210
3/18/2016	5537.032	3/17/2017	4740	3/19/2018	4870	3/19/2019	5300	3/18/2020	2990
3/21/2016	5487.149	3/20/2017	4740	3/20/2018	4830	3/20/2019	5300	3/19/2020	2790
3/22/2016	5586.916	3/21/2017	4660	3/21/2018	5000	3/21/2019	5400	3/20/2020	2690
3/23/2016	5586.916	3/22/2017	4660	3/22/2018	4800	3/22/2019	5300	3/23/2020	2510
3/24/2016	5661.74	3/23/2017	4660	3/23/2018	4610	3/25/2019	5075	3/24/2020	2340
3/28/2016	5586.916	3/24/2017	4550	3/26/2018	4480	3/26/2019	5400	3/26/2020	2460
3/29/2016	5561.974	3/27/2017	4570	3/27/2018	4550	3/27/2019	5700	3/27/2020	2600
3/30/2016	5537.032	3/29/2017	4540	3/28/2018	4490	3/28/2019	5850	3/30/2020	2420
3/31/2016	5387.383	3/30/2017	4630	3/29/2018	4580	3/29/2019	5975	3/31/2020	2540
		3/31/2017	4620	3/30/2018	4580				

LPKR									
2016		2017		2018		2019		2020	
Tanggal	P	Tanggal	P	Tanggal	P	Tanggal	P	Tanggal	P
3/1/2016	833.246	3/1/2017	563.433	3/1/2018	404.7195	3/1/2019	247.5931	3/2/2020	226
3/2/2016	845.1495	3/2/2017	575.3365	3/2/2018	400.7517	3/4/2019	238.0703	3/3/2020	234
3/3/2016	849.1174	3/3/2017	563.433	3/5/2018	396.7838	3/5/2019	220.6118	3/4/2020	238
3/4/2016	849.1174	3/6/2017	579.3044	3/6/2018	396.7838	3/6/2019	204.7404	3/5/2020	240
3/7/2016	841.1817	3/7/2017	575.3365	3/7/2018	385.6739	3/7/2019	204.7404	3/6/2020	238
3/8/2016	841.1817	3/8/2017	575.3365	3/8/2018	393.6096	3/8/2019	206.3276	3/9/2020	228
3/10/2016	845.1495	3/9/2017	579.3044	3/9/2018	393.6096	3/11/2019	203.1533	3/10/2020	230
3/11/2016	845.1495	3/10/2017	575.3365	3/12/2018	400.7517	3/12/2019	196.8048	3/11/2020	226
3/14/2016	845.1495	3/13/2017	575.3365	3/13/2018	396.7838	3/13/2019	198.3919	3/12/2020	210
3/15/2016	876.8923	3/14/2017	575.3365	3/14/2018	390.4353	3/14/2019	220.6118	3/13/2020	210
3/16/2016	876.8923	3/15/2017	583.2722	3/15/2018	390.4353	3/15/2019	225.3732	3/16/2020	185
3/17/2016	888.7958	3/16/2017	583.2722	3/16/2018	384.0867	3/18/2019	231.7218	3/17/2020	174
3/18/2016	904.6671	3/17/2017	595.1757	3/19/2018	388.8481	3/19/2019	231.7218	3/18/2020	162
3/21/2016	912.6028	3/20/2017	591.2079	3/20/2018	382.4996	3/20/2019	230.1346	3/19/2020	151
3/22/2016	912.6028	3/21/2017	591.2079	3/21/2018	380.9125	3/21/2019	239.6574	3/20/2020	141
3/23/2016	916.5706	3/22/2017	595.1757	3/22/2018	380.9125	3/22/2019	244.4188	3/23/2020	132
3/24/2016	932.442	3/23/2017	591.2079	3/23/2018	380.9125	3/25/2019	231.7218	3/24/2020	123
3/28/2016	912.6028	3/24/2017	583.2722	3/26/2018	379.3253	3/26/2019	231.7218	3/26/2020	124
3/29/2016	861.0209	3/27/2017	579.3044	3/27/2018	380.9125	3/27/2019	233.3089	3/27/2020	135
3/30/2016	837.2139	3/29/2017	579.3044	3/28/2018	379.3253	3/28/2019	231.7218	3/30/2020	129

3/31/2016	829.2782	3/30/2017	579.3044	3/29/2018	380.9125	3/29/2019	228.5475	3/31/2020	133
		3/31/2017	575.3365	3/30/2018	380.9125				

PWON									
2016		2017		2018		2019		2020	
Tanggal	P	Tanggal	P	Tanggal	P	Tanggal	P	Tanggal	P
3/1/2016	468	3/1/2017	590	3/1/2018	695	3/1/2019	640	3/2/2020	525
3/2/2016	466	3/2/2017	575	3/2/2018	670	3/4/2019	640	3/3/2020	545
3/3/2016	470	3/3/2017	560	3/5/2018	685	3/5/2019	640	3/4/2020	560
3/4/2016	477	3/6/2017	555	3/6/2018	655	3/6/2019	630	3/5/2020	545
3/7/2016	474	3/7/2017	560	3/7/2018	645	3/7/2019	630	3/6/2020	530
3/8/2016	472	3/8/2017	580	3/8/2018	630	3/8/2019	630	3/9/2020	500
3/10/2016	485	3/9/2017	585	3/9/2018	630	3/11/2019	620	3/10/2020	498
3/11/2016	485	3/10/2017	580	3/12/2018	645	3/12/2019	630	3/11/2020	450
3/14/2016	485	3/13/2017	570	3/13/2018	635	3/13/2019	630	3/12/2020	412
3/15/2016	520	3/14/2017	570	3/14/2018	620	3/14/2019	645	3/13/2020	412
3/16/2016	515	3/15/2017	570	3/15/2018	615	3/15/2019	675	3/16/2020	412
3/17/2016	530	3/16/2017	590	3/16/2018	640	3/18/2019	675	3/17/2020	344
3/18/2016	540	3/17/2017	600	3/19/2018	640	3/19/2019	680	3/18/2020	330
3/21/2016	520	3/20/2017	595	3/20/2018	635	3/20/2019	680	3/19/2020	308
3/22/2016	515	3/21/2017	595	3/21/2018	630	3/21/2019	705	3/20/2020	304
3/23/2016	520	3/22/2017	590	3/22/2018	620	3/22/2019	695	3/23/2020	286
3/24/2016	515	3/23/2017	600	3/23/2018	605	3/25/2019	670	3/24/2020	268
3/28/2016	510	3/24/2017	600	3/26/2018	605	3/26/2019	710	3/26/2020	310
3/29/2016	505	3/27/2017	600	3/27/2018	610	3/27/2019	690	3/27/2020	334
3/30/2016	495	3/29/2017	620	3/28/2018	610	3/28/2019	700	3/30/2020	312
3/31/2016	484	3/30/2017	595	3/29/2018	630	3/29/2019	690	3/31/2020	308
		3/31/2017	615	3/30/2018	630				

SMRA									
2016		2017		2018		2019		2020	
Tanggal	P	Tanggal	P	Tanggal	P	Tanggal	P	Tanggal	P
3/1/2016	1600	3/1/2017	1370	3/1/2018	1070	3/1/2019	930	3/2/2020	815
3/2/2016	1645	3/2/2017	1375	3/2/2018	1040	3/4/2019	920	3/3/2020	830
3/3/2016	1630	3/3/2017	1380	3/5/2018	1015	3/5/2019	895	3/4/2020	855



3/4/2016	1605	3/6/2017	1400	3/6/2018	1000	3/6/2019	885	3/5/2020	835
3/7/2016	1610	3/7/2017	1375	3/7/2018	985	3/7/2019	885	3/6/2020	805
3/8/2016	1595	3/8/2017	1375	3/8/2018	980	3/8/2019	880	3/9/2020	710
3/10/2016	1615	3/9/2017	1360	3/9/2018	1015	3/11/2019	870	3/10/2020	690
3/11/2016	1615	3/10/2017	1360	3/12/2018	1030	3/12/2019	850	3/11/2020	650
3/14/2016	1615	3/13/2017	1355	3/13/2018	990	3/13/2019	870	3/12/2020	585
3/15/2016	1640	3/14/2017	1365	3/14/2018	965	3/14/2019	885	3/13/2020	585
3/16/2016	1655	3/15/2017	1360	3/15/2018	930	3/15/2019	915	3/16/2020	605
3/17/2016	1685	3/16/2017	1370	3/16/2018	905	3/18/2019	925	3/17/2020	565
3/18/2016	1700	3/17/2017	1400	3/19/2018	905	3/19/2019	935	3/18/2020	530
3/21/2016	1705	3/20/2017	1370	3/20/2018	905	3/20/2019	920	3/19/2020	494
3/22/2016	1710	3/21/2017	1380	3/21/2018	935	3/21/2019	985	3/20/2020	460
3/23/2016	1755	3/22/2017	1380	3/22/2018	925	3/22/2019	980	3/23/2020	428
3/24/2016	1730	3/23/2017	1370	3/23/2018	915	3/25/2019	935	3/24/2020	400
3/28/2016	1715	3/24/2017	1340	3/26/2018	905	3/26/2019	975	3/26/2020	400
3/29/2016	1690	3/27/2017	1315	3/27/2018	910	3/27/2019	960	3/27/2020	430
3/30/2016	1590	3/29/2017	1315	3/28/2018	895	3/28/2019	950	3/30/2020	400
3/31/2016	1585	3/30/2017	1335	3/29/2018	905	3/29/2019	955	3/31/2020	400
		3/31/2017	1340	3/30/2018	905				

WSKT									
2016		2017		2018		2019		2020	
Tanggal	P	Tanggal	P	Tanggal	P	Tanggal	P	Tanggal	P
3/1/2016	1925	3/1/2017	2420	3/1/2018	2910	3/1/2019	1900	3/2/2020	970
3/2/2016	1915	3/2/2017	2440	3/2/2018	2950	3/4/2019	1935	3/3/2020	985
3/3/2016	1910	3/3/2017	2410	3/5/2018	2910	3/5/2019	1895	3/4/2020	1035
3/4/2016	1900	3/6/2017	2440	3/6/2018	2850	3/6/2019	1895	3/5/2020	1010
3/7/2016	1905	3/7/2017	2420	3/7/2018	2740	3/7/2019	1895	3/6/2020	975
3/8/2016	1895	3/8/2017	2440	3/8/2018	2710	3/8/2019	1870	3/9/2020	830
3/10/2016	1940	3/9/2017	2420	3/9/2018	2680	3/11/2019	1865	3/10/2020	850
3/11/2016	1940	3/10/2017	2390	3/12/2018	2710	3/12/2019	1885	3/11/2020	770
3/14/2016	1940	3/13/2017	2380	3/13/2018	2680	3/13/2019	1940	3/12/2020	645
3/15/2016	1925	3/14/2017	2370	3/14/2018	2620	3/14/2019	1955	3/13/2020	635
3/16/2016	1940	3/15/2017	2370	3/15/2018	2580	3/15/2019	1940	3/16/2020	595
3/17/2016	1965	3/16/2017	2330	3/16/2018	2540	3/18/2019	1920	3/17/2020	555
3/18/2016	2005	3/17/2017	2360	3/19/2018	2570	3/19/2019	1925	3/18/2020	520
3/21/2016	2010	3/20/2017	2360	3/20/2018	2570	3/20/2019	1925	3/19/2020	484

3/22/2016	1990	3/21/2017	2390	3/21/2018	2710	3/21/2019	1945	3/20/2020	452
3/23/2016	1970	3/22/2017	2420	3/22/2018	2600	3/22/2019	1930	3/23/2020	422
3/24/2016	1985	3/23/2017	2470	3/23/2018	2520	3/25/2019	1875	3/24/2020	398
3/28/2016	1985	3/24/2017	2440	3/26/2018	2520	3/26/2019	1905	3/26/2020	456
3/29/2016	2000	3/27/2017	2390	3/27/2018	2560	3/27/2019	1950	3/27/2020	510
3/30/2016	1995	3/29/2017	2410	3/28/2018	2530	3/28/2019	2000	3/30/2020	476
3/31/2016	2005	3/30/2017	2410	3/29/2018	2470	3/29/2019	1985	3/31/2020	484
		3/31/2017	2370	3/30/2018	2470				

TPIA									
2016		2017		2018		2019		2020	
Tanggal	P	Tanggal	P	Tanggal	P	Tanggal	P	Tanggal	P
3/1/2016	687.1503	3/1/2017	4628.448	3/1/2018	5900	3/1/2019	5725	3/2/2020	7900
3/2/2016	687.1503	3/2/2017	4623.54	3/2/2018	5950	3/4/2019	5725	3/3/2020	7775
3/3/2016	667.5174	3/3/2017	4623.54	3/5/2018	5800	3/5/2019	5750	3/4/2020	7800
3/4/2016	667.5174	3/6/2017	4628.448	3/6/2018	5800	3/6/2019	5700	3/5/2020	7700
3/7/2016	667.5174	3/7/2017	4603.907	3/7/2018	5700	3/7/2019	5700	3/6/2020	7700
3/8/2016	667.5174	3/8/2017	4608.815	3/8/2018	5625	3/8/2019	5650	3/9/2020	7500
3/10/2016	706.7831	3/9/2017	4623.54	3/9/2018	5950	3/11/2019	5500	3/10/2020	7700
3/11/2016	706.7831	3/10/2017	4648.081	3/12/2018	6000	3/12/2019	5500	3/11/2020	7675
3/14/2016	706.7831	3/13/2017	4667.714	3/13/2018	5750	3/13/2019	5575	3/12/2020	6975
3/15/2016	706.7831	3/14/2017	4682.438	3/14/2018	5725	3/14/2019	5650	3/13/2020	6975
3/16/2016	701.8749	3/15/2017	4677.53	3/15/2018	5875	3/15/2019	5675	3/16/2020	6975
3/17/2016	695.0034	3/16/2017	4682.438	3/16/2018	5900	3/18/2019	5625	3/17/2020	6050
3/18/2016	691.0768	3/17/2017	4672.622	3/19/2018	5950	3/19/2019	5600	3/18/2020	6250
3/21/2016	691.0768	3/20/2017	4667.714	3/20/2018	5825	3/20/2019	5625	3/19/2020	5825
3/22/2016	696.9667	3/21/2017	4662.806	3/21/2018	6050	3/21/2019	5625	3/20/2020	6350
3/23/2016	696.9667	3/22/2017	4652.989	3/22/2018	5900	3/22/2019	5625	3/23/2020	5925
3/24/2016	696.9667	3/23/2017	4657.897	3/23/2018	5975	3/25/2019	5525	3/24/2020	5950
3/28/2016	696.9667	3/24/2017	4682.438	3/26/2018	6150	3/26/2019	5825	3/26/2020	6000
3/29/2016	696.9667	3/27/2017	4692.255	3/27/2018	6225	3/27/2019	5850	3/27/2020	5600
3/30/2016	696.9667	3/29/2017	4697.163	3/28/2018	6175	3/28/2019	5575	3/30/2020	5400
3/31/2016	696.9667	3/30/2017	4702.071	3/29/2018	6225	3/29/2019	5550	3/31/2020	5250
		3/31/2017	4706.979	3/30/2018	6225				

BRPT									
2016		2017		2018		2019		2020	
Tanggal	P	Tanggal	P	Tanggal	P	Tanggal	P	Tanggal	P
3/1/2016	39.4	3/1/2017	224	3/1/2018	514	3/1/2019	600	3/2/2020	945
3/2/2016	41.9	3/2/2017	223	3/2/2018	522	3/4/2019	590	3/3/2020	965
3/3/2016	43	3/3/2017	223	3/5/2018	520	3/5/2019	592	3/4/2020	1020
3/4/2016	44.8	3/6/2017	236	3/6/2018	502	3/6/2019	616	3/5/2020	1015
3/7/2016	47.3	3/7/2017	235	3/7/2018	492	3/7/2019	616	3/6/2020	970
3/8/2016	47.3	3/8/2017	245	3/8/2018	490	3/8/2019	608	3/9/2020	845
3/10/2016	47.3	3/9/2017	246	3/9/2018	506	3/11/2019	602	3/10/2020	825
3/11/2016	47.3	3/10/2017	250	3/12/2018	512	3/12/2019	600	3/11/2020	785
3/14/2016	47.3	3/13/2017	265	3/13/2018	512	3/13/2019	602	3/12/2020	700
3/15/2016	47.3	3/14/2017	267	3/14/2018	498	3/14/2019	630	3/13/2020	700
3/16/2016	47.3	3/15/2017	268	3/15/2018	500	3/15/2019	660	3/16/2020	610
3/17/2016	51	3/16/2017	264	3/16/2018	496	3/18/2019	664	3/17/2020	570
3/18/2016	56	3/17/2017	258	3/19/2018	488	3/19/2019	658	3/18/2020	535
3/21/2016	57	3/20/2017	264	3/20/2018	476	3/20/2019	660	3/19/2020	498
3/22/2016	54.5	3/21/2017	273	3/21/2018	478	3/21/2019	690	3/20/2020	525
3/23/2016	55	3/22/2017	275	3/22/2018	494	3/22/2019	688	3/23/2020	490
3/24/2016	54.5	3/23/2017	279	3/23/2018	484	3/25/2019	692	3/24/2020	456
3/28/2016	52	3/24/2017	296	3/26/2018	478	3/26/2019	708	3/26/2020	545
3/29/2016	51	3/27/2017	300	3/27/2018	468	3/27/2019	702	3/27/2020	620
3/30/2016	50.5	3/29/2017	298	3/28/2018	464	3/28/2019	716	3/30/2020	600
3/31/2016	47	3/30/2017	291	3/29/2018	462	3/29/2019	712	3/31/2020	725
		3/31/2017	290	3/30/2018	462				

Lampiran 23. Daftar harga saham 29 emiten pada bulan April 2016 – 2020

ADRO									
2016		2017		2018		2019		2020	
Tanggal	P	Tanggal	P	Tanggal	P	Tanggal	P	Tanggal	P
4/1/2016	665	4/3/2017	1805	4/2/2018	2130	4/1/2019	1350	4/1/2020	1020
4/4/2016	680	4/4/2017	1930	4/3/2018	2120	4/2/2019	1325	4/2/2020	1040
4/5/2016	670	4/5/2017	1930	4/4/2018	2040	4/3/2019	1325	4/3/2020	1100
4/6/2016	695	4/6/2017	1895	4/5/2018	2020	4/4/2019	1275	4/6/2020	1150
4/7/2016	690	4/7/2017	1890	4/6/2018	2030	4/5/2019	1260	4/7/2020	1140
4/8/2016	705	4/10/2017	1890	4/9/2018	2070	4/8/2019	1260	4/8/2020	1065

4/11/2016	705	4/11/2017	1870	4/10/2018	2110	4/9/2019	1295	4/9/2020	1040
4/12/2016	695	4/12/2017	1890	4/11/2018	2140	4/10/2019	1300	4/13/2020	1040
4/13/2016	695	4/13/2017	1860	4/12/2018	2110	4/11/2019	1295	4/14/2020	1080
4/14/2016	695	4/17/2017	1850	4/13/2018	2130	4/12/2019	1300	4/15/2020	1045
4/15/2016	695	4/18/2017	1835	4/16/2018	2130	4/15/2019	1285	4/16/2020	975
4/18/2016	695	4/19/2017	1835	4/17/2018	2130	4/16/2019	1305	4/17/2020	1035
4/19/2016	695	4/20/2017	1840	4/18/2018	2100	4/17/2019	1305	4/20/2020	985
4/20/2016	720	4/21/2017	1840	4/19/2018	2100	4/18/2019	1295	4/21/2020	930
4/21/2016	750	4/25/2017	1845	4/20/2018	2100	4/19/2019	1295	4/22/2020	885
4/22/2016	745	4/26/2017	1820	4/23/2018	2260	4/22/2019	1270	4/23/2020	905
4/25/2016	750	4/27/2017	1840	4/24/2018	2200	4/23/2019	1305	4/24/2020	875
4/26/2016	720	4/28/2017	1775	4/25/2018	2200	4/24/2019	1305	4/27/2020	900
4/27/2016	725			4/26/2018	2200	4/25/2019	1290	4/28/2020	890
4/28/2016	735			4/27/2018	2200	4/26/2019	1290	4/29/2020	885
4/29/2016	730			4/30/2018	1835	4/29/2019	1315	4/30/2020	920
						4/30/2019	1305		

AKRA									
2016		2017		2018		2019		2020	
Tanggal	P	Tanggal	P	Tanggal	P	Tanggal	P	Tanggal	P
4/1/2016	6900	4/3/2017	6275	4/2/2018	5625	4/1/2019	4760	4/1/2020	1930
4/4/2016	7000	4/4/2017	6475	4/3/2018	5675	4/2/2019	4770	4/2/2020	1920
4/5/2016	7000	4/5/2017	6475	4/4/2018	5450	4/3/2019	4770	4/3/2020	1965
4/6/2016	6950	4/6/2017	6150	4/5/2018	5525	4/4/2019	4770	4/6/2020	2150
4/7/2016	6825	4/7/2017	6350	4/6/2018	5500	4/5/2019	4730	4/7/2020	2150
4/8/2016	6750	4/10/2017	6350	4/9/2018	5525	4/8/2019	4720	4/8/2020	2000
4/11/2016	6750	4/11/2017	6375	4/10/2018	5625	4/9/2019	4750	4/9/2020	1970
4/12/2016	6475	4/12/2017	6400	4/11/2018	5825	4/10/2019	4830	4/13/2020	2020
4/13/2016	6475	4/13/2017	6550	4/12/2018	5650	4/11/2019	4890	4/14/2020	2060
4/14/2016	6475	4/17/2017	6525	4/13/2018	5600	4/12/2019	4750	4/15/2020	1930
4/15/2016	6475	4/18/2017	6550	4/16/2018	5600	4/15/2019	4700	4/16/2020	1835
4/18/2016	6475	4/19/2017	6550	4/17/2018	5600	4/16/2019	4610	4/17/2020	1880
4/19/2016	6475	4/20/2017	6425	4/18/2018	5775	4/17/2019	4610	4/20/2020	1865
4/20/2016	6575	4/21/2017	6600	4/19/2018	5775	4/18/2019	4750	4/21/2020	1775
4/21/2016	6650	4/25/2017	6600	4/20/2018	5775	4/19/2019	4750	4/22/2020	2070
4/22/2016	6625	4/26/2017	6700	4/23/2018	5575	4/22/2019	4780	4/23/2020	2140
4/25/2016	6650	4/27/2017	6850	4/24/2018	5575	4/23/2019	4740	4/24/2020	2030

4/26/2016	6600	4/28/2017	6775	4/25/2018	5575	4/24/2019	4730	4/27/2020	2050
4/27/2016	6675			4/26/2018	5575	4/25/2019	4590	4/28/2020	2270
4/28/2016	6550			4/27/2018	5575	4/26/2019	4480	4/29/2020	2240
4/29/2016	6500			4/30/2018	4900	4/29/2019	4550	4/30/2020	2400
						4/30/2019	4450		

ASII									
2016		2017		2018		2019		2020	
Tanggal	P	Tanggal	P	Tanggal	P	Tanggal	P	Tanggal	P
4/1/2016	7325	4/3/2017	8775	4/2/2018	7550	4/1/2019	7350	4/1/2020	3770
4/4/2016	7400	4/4/2017	8775	4/3/2018	7675	4/2/2019	7425	4/2/2020	3930
4/5/2016	7275	4/5/2017	8775	4/4/2018	7575	4/3/2019	7425	4/3/2020	3900
4/6/2016	7225	4/6/2017	8750	4/5/2018	7600	4/4/2019	7550	4/6/2020	4030
4/7/2016	7300	4/7/2017	8575	4/6/2018	7525	4/5/2019	7650	4/7/2020	4060
4/8/2016	7200	4/10/2017	8600	4/9/2018	7750	4/8/2019	7525	4/8/2020	3850
4/11/2016	7200	4/11/2017	8575	4/10/2018	7825	4/9/2019	7675	4/9/2020	4090
4/12/2016	7250	4/12/2017	8575	4/11/2018	7950	4/10/2019	7650	4/13/2020	3960
4/13/2016	7250	4/13/2017	8500	4/12/2018	7725	4/11/2019	7525	4/14/2020	3960
4/14/2016	7250	4/17/2017	8375	4/13/2018	7525	4/12/2019	7525	4/15/2020	3820
4/15/2016	7250	4/18/2017	8375	4/16/2018	7525	4/15/2019	7600	4/16/2020	3620
4/18/2016	7250	4/19/2017	8375	4/17/2018	7525	4/16/2019	7750	4/17/2020	3800
4/19/2016	7250	4/20/2017	8575	4/18/2018	7525	4/17/2019	7750	4/20/2020	3720
4/20/2016	7575	4/21/2017	9150	4/19/2018	7525	4/18/2019	7850	4/21/2020	3640
4/21/2016	7525	4/25/2017	9025	4/20/2018	7525	4/19/2019	7850	4/22/2020	3640
4/22/2016	7350	4/26/2017	9025	4/23/2018	7475	4/22/2019	7525	4/23/2020	3760
4/25/2016	7350	4/27/2017	9000	4/24/2018	7325	4/23/2019	7650	4/24/2020	3630
4/26/2016	7200	4/28/2017	8950	4/25/2018	7325	4/24/2019	7650	4/27/2020	3710
4/27/2016	6825			4/26/2018	7325	4/25/2019	7550	4/28/2020	3740
4/28/2016	6725			4/27/2018	7325	4/26/2019	7650	4/29/2020	3690
4/29/2016	6725			4/30/2018	7150	4/29/2019	7600	4/30/2020	3850
						4/30/2019	7625		

ICBP									
2016		2017		2018		2019		2020	
Tanggal	P	Tanggal	P	Tanggal	P	Tanggal	P	Tanggal	P

4/1/2016	7662.5	4/3/2017	8425	4/2/2018	8350	4/1/2019	9250	4/1/2020	10150
4/4/2016	7725	4/4/2017	8400	4/3/2018	8200	4/2/2019	9000	4/2/2020	10200
4/5/2016	7625	4/5/2017	8400	4/4/2018	8150	4/3/2019	9000	4/3/2020	10000
4/6/2016	7600	4/6/2017	8225	4/5/2018	8200	4/4/2019	9050	4/6/2020	10250
4/7/2016	7562.5	4/7/2017	8175	4/6/2018	8175	4/5/2019	9075	4/7/2020	10075
4/8/2016	7562.5	4/10/2017	8175	4/9/2018	8275	4/8/2019	9025	4/8/2020	9600
4/11/2016	7562.5	4/11/2017	8125	4/10/2018	8425	4/9/2019	9250	4/9/2020	10100
4/12/2016	7500	4/12/2017	8100	4/11/2018	8400	4/10/2019	9300	4/13/2020	10200
4/13/2016	7500	4/13/2017	8125	4/12/2018	8350	4/11/2019	9050	4/14/2020	10350
4/14/2016	7500	4/17/2017	8150	4/13/2018	8350	4/12/2019	9050	4/15/2020	10175
4/15/2016	7500	4/18/2017	8200	4/16/2018	8350	4/15/2019	9050	4/16/2020	9900
4/18/2016	7500	4/19/2017	8200	4/17/2018	8350	4/16/2019	9075	4/17/2020	10200
4/19/2016	7500	4/20/2017	8175	4/18/2018	8325	4/17/2019	9075	4/20/2020	10075
4/20/2016	7500	4/21/2017	8400	4/19/2018	8325	4/18/2019	9100	4/21/2020	9975
4/21/2016	7512.5	4/25/2017	8500	4/20/2018	8325	4/19/2019	9100	4/22/2020	10025
4/22/2016	7525	4/26/2017	8525	4/23/2018	8375	4/22/2019	9025	4/23/2020	10150
4/25/2016	7562.5	4/27/2017	8700	4/24/2018	8350	4/23/2019	9200	4/24/2020	9900
4/26/2016	7475	4/28/2017	8775	4/25/2018	8350	4/24/2019	9200	4/27/2020	9925
4/27/2016	7462.5			4/26/2018	8350	4/25/2019	9075	4/28/2020	10025
4/28/2016	7512.5			4/27/2018	8350	4/26/2019	9175	4/29/2020	10000
4/29/2016	7637.5			4/30/2018	8675	4/29/2019	9300	4/30/2020	9875
						4/30/2019	9725		

INCO									
2016		2017		2018		2019		2020	
Tanggal	P	Tanggal	P	Tanggal	P	Tanggal	P	Tanggal	P
4/1/2016	1735	4/3/2017	2310	4/2/2018	2870	4/1/2019	3550	4/1/2020	2030
4/4/2016	1815	4/4/2017	2280	4/3/2018	3000	4/2/2019	3490	4/2/2020	2210
4/5/2016	1790	4/5/2017	2280	4/4/2018	2980	4/3/2019	3490	4/3/2020	2320
4/6/2016	1855	4/6/2017	2330	4/5/2018	2980	4/4/2019	3460	4/6/2020	2460
4/7/2016	1850	4/7/2017	2280	4/6/2018	2950	4/5/2019	3460	4/7/2020	2310
4/8/2016	1835	4/10/2017	2280	4/9/2018	3020	4/8/2019	3370	4/8/2020	2210
4/11/2016	1835	4/11/2017	2270	4/10/2018	3060	4/9/2019	3330	4/9/2020	2270
4/12/2016	1800	4/12/2017	2250	4/11/2018	3120	4/10/2019	3250	4/13/2020	2370
4/13/2016	1800	4/13/2017	2230	4/12/2018	3100	4/11/2019	3370	4/14/2020	2510
4/14/2016	1800	4/17/2017	2230	4/13/2018	3230	4/12/2019	3360	4/15/2020	2460
4/15/2016	1800	4/18/2017	2200	4/16/2018	3230	4/15/2019	3370	4/16/2020	2290

4/18/2016	1800	4/19/2017	2200	4/17/2018	3230	4/16/2019	3280	4/17/2020	2500
4/19/2016	1800	4/20/2017	2180	4/18/2018	3380	4/17/2019	3280	4/20/2020	2510
4/20/2016	1900	4/21/2017	2150	4/19/2018	3380	4/18/2019	3180	4/21/2020	2430
4/21/2016	1990	4/25/2017	2150	4/20/2018	3380	4/19/2019	3180	4/22/2020	2390
4/22/2016	1945	4/26/2017	2150	4/23/2018	3550	4/22/2019	3150	4/23/2020	2390
4/25/2016	1900	4/27/2017	2170	4/24/2018	3430	4/23/2019	3200	4/24/2020	2350
4/26/2016	1890	4/28/2017	2220	4/25/2018	3430	4/24/2019	3110	4/27/2020	2390
4/27/2016	1905			4/26/2018	3430	4/25/2019	3000	4/28/2020	2350
4/28/2016	1885			4/27/2018	3430	4/26/2019	3050	4/29/2020	2380
4/29/2016	1860			4/30/2018	3160	4/29/2019	3070	4/30/2020	2570
						4/30/2019	3050		

INDF									
2016		2017		2018		2019		2020	
Tanggal	P	Tanggal	P	Tanggal	P	Tanggal	P	Tanggal	P
4/1/2016	7225	4/3/2017	8000	4/2/2018	7350	4/1/2019	6300	4/1/2020	6350
4/4/2016	7225	4/4/2017	8075	4/3/2018	7150	4/2/2019	6175	4/2/2020	6800
4/5/2016	7175	4/5/2017	8075	4/4/2018	7200	4/3/2019	6175	4/3/2020	6600
4/6/2016	7150	4/6/2017	8000	4/5/2018	7125	4/4/2019	6400	4/6/2020	6725
4/7/2016	7225	4/7/2017	7975	4/6/2018	7100	4/5/2019	6500	4/7/2020	6525
4/8/2016	7225	4/10/2017	7975	4/9/2018	7175	4/8/2019	6450	4/8/2020	6250
4/11/2016	7225	4/11/2017	7975	4/10/2018	7250	4/9/2019	6525	4/9/2020	6375
4/12/2016	7125	4/12/2017	7975	4/11/2018	7225	4/10/2019	6450	4/13/2020	6400
4/13/2016	7125	4/13/2017	7975	4/12/2018	7125	4/11/2019	6175	4/14/2020	6450
4/14/2016	7125	4/17/2017	7975	4/13/2018	7075	4/12/2019	6375	4/15/2020	6425
4/15/2016	7125	4/18/2017	7950	4/16/2018	7075	4/15/2019	6400	4/16/2020	6050
4/18/2016	7125	4/19/2017	7950	4/17/2018	7075	4/16/2019	6450	4/17/2020	6250
4/19/2016	7125	4/20/2017	7950	4/18/2018	7050	4/17/2019	6450	4/20/2020	6225
4/20/2016	7200	4/21/2017	8025	4/19/2018	7050	4/18/2019	6275	4/21/2020	6275
4/21/2016	7250	4/25/2017	8100	4/20/2018	7050	4/19/2019	6275	4/22/2020	6300
4/22/2016	7275	4/26/2017	8125	4/23/2018	7000	4/22/2019	6250	4/23/2020	6525
4/25/2016	7225	4/27/2017	8450	4/24/2018	6900	4/23/2019	6350	4/24/2020	6325
4/26/2016	7025	4/28/2017	8375	4/25/2018	6900	4/24/2019	6325	4/27/2020	6300
4/27/2016	6850			4/26/2018	6900	4/25/2019	6250	4/28/2020	6475
4/28/2016	6950			4/27/2018	6900	4/26/2019	6400	4/29/2020	6675
4/29/2016	7125			4/30/2018	6975	4/29/2019	6425	4/30/2020	6525
						4/30/2019	6950		

KLB									
2016		2017		2018		2019		2020	
Tanggal	P	Tanggal	P	Tanggal	P	Tanggal	P	Tanggal	P
4/1/2016	1450	4/3/2017	1555	4/2/2018	1545	4/1/2019	1490	4/1/2020	1165
4/4/2016	1430	4/4/2017	1600	4/3/2018	1550	4/2/2019	1510	4/2/2020	1285
4/5/2016	1405	4/5/2017	1600	4/4/2018	1560	4/3/2019	1510	4/3/2020	1250
4/6/2016	1415	4/6/2017	1610	4/5/2018	1550	4/4/2019	1535	4/6/2020	1270
4/7/2016	1445	4/7/2017	1565	4/6/2018	1545	4/5/2019	1510	4/7/2020	1230
4/8/2016	1440	4/10/2017	1550	4/9/2018	1520	4/8/2019	1520	4/8/2020	1145
4/11/2016	1440	4/11/2017	1550	4/10/2018	1525	4/9/2019	1530	4/9/2020	1140
4/12/2016	1425	4/12/2017	1595	4/11/2018	1545	4/10/2019	1525	4/13/2020	1100
4/13/2016	1425	4/13/2017	1580	4/12/2018	1595	4/11/2019	1515	4/14/2020	1185
4/14/2016	1425	4/17/2017	1540	4/13/2018	1565	4/12/2019	1500	4/15/2020	1210
4/15/2016	1425	4/18/2017	1550	4/16/2018	1565	4/15/2019	1495	4/16/2020	1145
4/18/2016	1425	4/19/2017	1550	4/17/2018	1565	4/16/2019	1495	4/17/2020	1195
4/19/2016	1425	4/20/2017	1570	4/18/2018	1555	4/17/2019	1495	4/20/2020	1200
4/20/2016	1400	4/21/2017	1580	4/19/2018	1555	4/18/2019	1495	4/21/2020	1210
4/21/2016	1410	4/25/2017	1600	4/20/2018	1555	4/19/2019	1495	4/22/2020	1250
4/22/2016	1390	4/26/2017	1605	4/23/2018	1525	4/22/2019	1480	4/23/2020	1265
4/25/2016	1390	4/27/2017	1595	4/24/2018	1465	4/23/2019	1500	4/24/2020	1255
4/26/2016	1340	4/28/2017	1585	4/25/2018	1465	4/24/2019	1510	4/27/2020	1330
4/27/2016	1345			4/26/2018	1465	4/25/2019	1470	4/28/2020	1445
4/28/2016	1350			4/27/2018	1465	4/26/2019	1515	4/29/2020	1470
4/29/2016	1375			4/30/2018	1505	4/29/2019	1500	4/30/2020	1440
						4/30/2019	1545		

PTBA									
2016		2017		2018		2019		2020	
Tanggal	P	Tanggal	P	Tanggal	P	Tanggal	P	Tanggal	P
4/1/2016	1240	4/3/2017	2640	4/2/2018	3060	4/1/2019	4200	4/1/2020	2050
4/4/2016	1290	4/4/2017	2770	4/3/2018	3090	4/2/2019	4170	4/2/2020	2030
4/5/2016	1245	4/5/2017	2770	4/4/2018	3050	4/3/2019	4170	4/3/2020	2110
4/6/2016	1330	4/6/2017	2570	4/5/2018	3230	4/4/2019	4040	4/6/2020	2160
4/7/2016	1310	4/7/2017	2620	4/6/2018	3180	4/5/2019	4020	4/7/2020	2100



4/8/2016	1310	4/10/2017	2605	4/9/2018	3210	4/8/2019	4040	4/8/2020	1995
4/11/2016	1310	4/11/2017	2595	4/10/2018	3300	4/9/2019	4070	4/9/2020	1980
4/12/2016	1385	4/12/2017	2395	4/11/2018	3420	4/10/2019	4010	4/13/2020	2000
4/13/2016	1385	4/13/2017	2500	4/12/2018	3420	4/11/2019	4010	4/14/2020	2080
4/14/2016	1385	4/17/2017	2565	4/13/2018	3430	4/12/2019	4030	4/15/2020	1960
4/15/2016	1385	4/18/2017	2520	4/16/2018	3430	4/15/2019	3970	4/16/2020	1905
4/18/2016	1385	4/19/2017	2520	4/17/2018	3430	4/16/2019	3980	4/17/2020	1980
4/19/2016	1385	4/20/2017	2520	4/18/2018	3480	4/17/2019	3980	4/20/2020	1935
4/20/2016	1520	4/21/2017	2490	4/19/2018	3480	4/18/2019	3950	4/21/2020	1825
4/21/2016	1540	4/25/2017	2535	4/20/2018	3480	4/19/2019	3950	4/22/2020	1855
4/22/2016	1500	4/26/2017	2535	4/23/2018	3350	4/22/2019	4050	4/23/2020	1890
4/25/2016	1500	4/27/2017	2570	4/24/2018	3330	4/23/2019	4050	4/24/2020	1850
4/26/2016	1465	4/28/2017	2535	4/25/2018	3330	4/24/2019	4130	4/27/2020	1825
4/27/2016	1475			4/26/2018	3330	4/25/2019	4030	4/28/2020	1780
4/28/2016	1430			4/27/2018	3330	4/26/2019	4020	4/29/2020	1790
4/29/2016	1410			4/30/2018	3240	4/29/2019	3950	4/30/2020	1875
						4/30/2019	3960		

SMGR									
2016		2017		2018		2019		2020	
Tanggal	P	Tanggal	P	Tanggal	P	Tanggal	P	Tanggal	P
4/1/2016	10200	4/3/2017	9050	4/2/2018	10625	4/1/2019	13950	4/1/2020	7700
4/4/2016	10225	4/4/2017	9125	4/3/2018	10900	4/2/2019	13725	4/2/2020	7500
4/5/2016	10250	4/5/2017	9125	4/4/2018	10650	4/3/2019	13725	4/3/2020	7700
4/6/2016	10275	4/6/2017	9150	4/5/2018	11000	4/4/2019	14450	4/6/2020	8125
4/7/2016	10300	4/7/2017	9175	4/6/2018	10550	4/5/2019	13575	4/7/2020	8100
4/8/2016	10425	4/10/2017	8975	4/9/2018	10325	4/8/2019	13450	4/8/2020	7925
4/11/2016	10425	4/11/2017	8800	4/10/2018	10250	4/9/2019	14075	4/9/2020	8100
4/12/2016	10500	4/12/2017	8975	4/11/2018	10250	4/10/2019	14250	4/13/2020	7700
4/13/2016	10500	4/13/2017	8875	4/12/2018	10200	4/11/2019	13825	4/14/2020	7650
4/14/2016	10500	4/17/2017	8800	4/13/2018	10125	4/12/2019	13050	4/15/2020	7125
4/15/2016	10500	4/18/2017	8750	4/16/2018	10125	4/15/2019	12825	4/16/2020	6650
4/18/2016	10500	4/19/2017	8750	4/17/2018	10125	4/16/2019	13325	4/17/2020	6475
4/19/2016	10500	4/20/2017	8675	4/18/2018	9925	4/17/2019	13325	4/20/2020	6300
4/20/2016	10425	4/21/2017	8700	4/19/2018	9925	4/18/2019	13725	4/21/2020	5900
4/21/2016	10525	4/25/2017	8975	4/20/2018	9925	4/19/2019	13725	4/22/2020	6900
4/22/2016	10525	4/26/2017	9000	4/23/2018	10100	4/22/2019	13175	4/23/2020	6900

4/25/2016	10550	4/27/2017	8825	4/24/2018	9900	4/23/2019	13725	4/24/2020	6700
4/26/2016	10325	4/28/2017	8825	4/25/2018	9900	4/24/2019	13450	4/27/2020	7150
4/27/2016	10125			4/26/2018	9900	4/25/2019	13350	4/28/2020	6950
4/28/2016	10050			4/27/2018	9900	4/26/2019	13700	4/29/2020	7350
4/29/2016	9900			4/30/2018	9650	4/29/2019	13525	4/30/2020	7950
						4/30/2019	13500		

TLKM									
2016		2017		2018		2019		2020	
Tanggal	P	Tanggal	P	Tanggal	P	Tanggal	P	Tanggal	P
4/1/2016	3350	4/3/2017	4170	4/2/2018	3670	4/1/2019	3930	4/1/2020	3100
4/4/2016	3380	4/4/2017	4250	4/3/2018	3630	4/2/2019	3930	4/2/2020	3130
4/5/2016	3375	4/5/2017	4250	4/4/2018	3600	4/3/2019	3930	4/3/2020	3200
4/6/2016	3405	4/6/2017	4170	4/5/2018	3680	4/4/2019	4030	4/6/2020	3330
4/7/2016	3400	4/7/2017	4130	4/6/2018	3650	4/5/2019	4060	4/7/2020	3220
4/8/2016	3445	4/10/2017	4100	4/9/2018	3770	4/8/2019	3950	4/8/2020	3110
4/11/2016	3445	4/11/2017	4150	4/10/2018	3860	4/9/2019	3950	4/9/2020	3120
4/12/2016	3400	4/12/2017	4150	4/11/2018	3870	4/10/2019	3930	4/13/2020	3180
4/13/2016	3400	4/13/2017	4090	4/12/2018	3750	4/11/2019	3890	4/14/2020	3240
4/14/2016	3400	4/17/2017	4010	4/13/2018	3660	4/12/2019	3830	4/15/2020	3110
4/15/2016	3400	4/18/2017	4070	4/16/2018	3660	4/15/2019	3830	4/16/2020	3000
4/18/2016	3400	4/19/2017	4070	4/17/2018	3660	4/16/2019	3870	4/17/2020	3230
4/19/2016	3400	4/20/2017	4110	4/18/2018	3770	4/17/2019	3870	4/20/2020	3120
4/20/2016	3585	4/21/2017	4420	4/19/2018	3770	4/18/2019	3860	4/21/2020	3070
4/21/2016	3630	4/25/2017	4420	4/20/2018	3770	4/19/2019	3860	4/22/2020	3160
4/22/2016	3685	4/26/2017	4400	4/23/2018	3750	4/22/2019	3780	4/23/2020	3070
4/25/2016	3780	4/27/2017	4370	4/24/2018	3830	4/23/2019	3850	4/24/2020	3090
4/26/2016	3645	4/28/2017	4370	4/25/2018	3830	4/24/2019	3840	4/27/2020	3150
4/27/2016	3700			4/26/2018	3830	4/25/2019	3830	4/28/2020	3160
4/28/2016	3595			4/27/2018	3830	4/26/2019	3910	4/29/2020	3350
4/29/2016	3550			4/30/2018	3830	4/29/2019	3860	4/30/2020	3500
						4/30/2019	3790		

UNTR				
2016	2017	2018	2019	2020

Tanggal	P	Tanggal	P	Tanggal	P	Tanggal	P	Tanggal	P
4/1/2016	15300	4/3/2017	27825	4/2/2018	32150	4/1/2019	27325	4/1/2020	16625
4/4/2016	15300	4/4/2017	29150	4/3/2018	32100	4/2/2019	26700	4/2/2020	16900
4/5/2016	15300	4/5/2017	29150	4/4/2018	32000	4/3/2019	26700	4/3/2020	17150
4/6/2016	15250	4/6/2017	29000	4/5/2018	32200	4/4/2019	26500	4/6/2020	18000
4/7/2016	15600	4/7/2017	28700	4/6/2018	32200	4/5/2019	26375	4/7/2020	17600
4/8/2016	15650	4/10/2017	28600	4/9/2018	34475	4/8/2019	25900	4/8/2020	17500
4/11/2016	15650	4/11/2017	29000	4/10/2018	35650	4/9/2019	26400	4/9/2020	17125
4/12/2016	15275	4/12/2017	29000	4/11/2018	35575	4/10/2019	26000	4/13/2020	17550
4/13/2016	15275	4/13/2017	28150	4/12/2018	35200	4/11/2019	25450	4/14/2020	18250
4/14/2016	15275	4/17/2017	27225	4/13/2018	35100	4/12/2019	25450	4/15/2020	17725
4/15/2016	15275	4/18/2017	27850	4/16/2018	35100	4/15/2019	25950	4/16/2020	16625
4/18/2016	15275	4/19/2017	27850	4/17/2018	35100	4/16/2019	26425	4/17/2020	17325
4/19/2016	15275	4/20/2017	27400	4/18/2018	36800	4/17/2019	26425	4/20/2020	17300
4/20/2016	16900	4/21/2017	26925	4/19/2018	36800	4/18/2019	26075	4/21/2020	16400
4/21/2016	16900	4/25/2017	26600	4/20/2018	36800	4/19/2019	26075	4/22/2020	16250
4/22/2016	16725	4/26/2017	27900	4/23/2018	37600	4/22/2019	26075	4/23/2020	16200
4/25/2016	16000	4/27/2017	27250	4/24/2018	37900	4/23/2019	27200	4/24/2020	16225
4/26/2016	15500	4/28/2017	26900	4/25/2018	37900	4/24/2019	27550	4/27/2020	16400
4/27/2016	14625			4/26/2018	37900	4/25/2019	27675	4/28/2020	15550
4/28/2016	14825			4/27/2018	37900	4/26/2019	27600	4/29/2020	15600
4/29/2016	15000			4/30/2018	34100	4/29/2019	26950	4/30/2020	16300
						4/30/2019	27175		

UNVR									
2016		2017		2018		2019		2020	
Tanggal	P	Tanggal	P	Tanggal	P	Tanggal	P	Tanggal	P
4/1/2016	8635	4/3/2017	8775	4/2/2018	10040	4/1/2019	9850	4/1/2020	7150
4/4/2016	8700	4/4/2017	8855	4/3/2018	10020	4/2/2019	9875	4/2/2020	7225
4/5/2016	8665	4/5/2017	8855	4/4/2018	9910	4/3/2019	9875	4/3/2020	7100
4/6/2016	8700	4/6/2017	9000	4/5/2018	10005	4/4/2019	9795	4/6/2020	7300
4/7/2016	8630	4/7/2017	9020	4/6/2018	10155	4/5/2019	9755	4/7/2020	7275
4/8/2016	8600	4/10/2017	9060	4/9/2018	10380	4/8/2019	9650	4/8/2020	7125
4/11/2016	8600	4/11/2017	8980	4/10/2018	10400	4/9/2019	9795	4/9/2020	7250
4/12/2016	8790	4/12/2017	9095	4/11/2018	10380	4/10/2019	9820	4/13/2020	7100
4/13/2016	8790	4/13/2017	9065	4/12/2018	10340	4/11/2019	9730	4/14/2020	7150
4/14/2016	8790	4/17/2017	9060	4/13/2018	10040	4/12/2019	9820	4/15/2020	6975

4/15/2016	8790	4/18/2017	9060	4/16/2018	10040	4/15/2019	9760	4/16/2020	6650
4/18/2016	8790	4/19/2017	9060	4/17/2018	10040	4/16/2019	9880	4/17/2020	6875
4/19/2016	8790	4/20/2017	9060	4/18/2018	10315	4/17/2019	9880	4/20/2020	7000
4/20/2016	9060	4/21/2017	9105	4/19/2018	10315	4/18/2019	9880	4/21/2020	6925
4/21/2016	9300	4/25/2017	9060	4/20/2018	10315	4/19/2019	9880	4/22/2020	7100
4/22/2016	9400	4/26/2017	9160	4/23/2018	10160	4/22/2019	9655	4/23/2020	7500
4/25/2016	8955	4/27/2017	9150	4/24/2018	9600	4/23/2019	9850	4/24/2020	7500
4/26/2016	8780	4/28/2017	8900	4/25/2018	9600	4/24/2019	9730	4/27/2020	7500
4/27/2016	8830			4/26/2018	9600	4/25/2019	9280	4/28/2020	7850
4/28/2016	8695			4/27/2018	9600	4/26/2019	9100	4/29/2020	8000
4/29/2016	8515			4/30/2018	9270	4/29/2019	9000	4/30/2020	8275
						4/30/2019	9100		

WIKA									
2016		2017		2018		2019		2020	
Tanggal	P	Tanggal	P	Tanggal	P	Tanggal	P	Tanggal	P
4/1/2016	2444.834	4/3/2017	2390	4/2/2018	1710	4/1/2019	2190	4/1/2020	835
4/4/2016	2477.246	4/4/2017	2360	4/3/2018	1690	4/2/2019	2180	4/2/2020	865
4/5/2016	2454.094	4/5/2017	2360	4/4/2018	1690	4/3/2019	2180	4/3/2020	910
4/6/2016	2449.464	4/6/2017	2260	4/5/2018	1730	4/4/2019	2280	4/6/2020	1135
4/7/2016	2421.682	4/7/2017	2260	4/6/2018	1755	4/5/2019	2200	4/7/2020	1220
4/8/2016	2454.094	4/10/2017	2210	4/9/2018	1740	4/8/2019	2140	4/8/2020	1135
4/11/2016	2454.094	4/11/2017	2190	4/10/2018	1750	4/9/2019	2220	4/9/2020	1090
4/12/2016	2454.094	4/12/2017	2360	4/11/2018	1725	4/10/2019	2180	4/13/2020	1075
4/13/2016	2454.094	4/13/2017	2380	4/12/2018	1700	4/11/2019	2180	4/14/2020	1130
4/14/2016	2454.094	4/17/2017	2340	4/13/2018	1700	4/12/2019	2140	4/15/2020	1140
4/15/2016	2454.094	4/18/2017	2390	4/16/2018	1700	4/15/2019	2240	4/16/2020	1065
4/18/2016	2454.094	4/19/2017	2390	4/17/2018	1700	4/16/2019	2330	4/17/2020	1075
4/19/2016	2454.094	4/20/2017	2330	4/18/2018	1690	4/17/2019	2330	4/20/2020	1010
4/20/2016	2509.659	4/21/2017	2370	4/19/2018	1690	4/18/2019	2420	4/21/2020	945
4/21/2016	2509.659	4/25/2017	2360	4/20/2018	1690	4/19/2019	2420	4/22/2020	950
4/22/2016	2532.811	4/26/2017	2330	4/23/2018	1690	4/22/2019	2380	4/23/2020	920
4/25/2016	2532.811	4/27/2017	2380	4/24/2018	1680	4/23/2019	2420	4/24/2020	865
4/26/2016	2514.289	4/28/2017	2370	4/25/2018	1680	4/24/2019	2400	4/27/2020	835
4/27/2016	2481.877			4/26/2018	1680	4/25/2019	2310	4/28/2020	875
4/28/2016	2500.398			4/27/2018	1680	4/26/2019	2350	4/29/2020	875
4/29/2016	2454.094			4/30/2018	1585	4/29/2019	2470	4/30/2020	950

						4/30/2019	2420		
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WIKA									
2016		2017		2018		2019		2020	
Tanggal	P	Tanggal	P	Tanggal	P	Tanggal	P	Tanggal	P
4/1/2016	2444.834	4/3/2017	2390	4/2/2018	1710	4/1/2019	2190	4/1/2020	835
4/4/2016	2477.246	4/4/2017	2360	4/3/2018	1690	4/2/2019	2180	4/2/2020	865
4/5/2016	2454.094	4/5/2017	2360	4/4/2018	1690	4/3/2019	2180	4/3/2020	910
4/6/2016	2449.464	4/6/2017	2260	4/5/2018	1730	4/4/2019	2280	4/6/2020	1135
4/7/2016	2421.682	4/7/2017	2260	4/6/2018	1755	4/5/2019	2200	4/7/2020	1220
4/8/2016	2454.094	4/10/2017	2210	4/9/2018	1740	4/8/2019	2140	4/8/2020	1135
4/11/2016	2454.094	4/11/2017	2190	4/10/2018	1750	4/9/2019	2220	4/9/2020	1090
4/12/2016	2454.094	4/12/2017	2360	4/11/2018	1725	4/10/2019	2180	4/13/2020	1075
4/13/2016	2454.094	4/13/2017	2380	4/12/2018	1700	4/11/2019	2180	4/14/2020	1130
4/14/2016	2454.094	4/17/2017	2340	4/13/2018	1700	4/12/2019	2140	4/15/2020	1140
4/15/2016	2454.094	4/18/2017	2390	4/16/2018	1700	4/15/2019	2240	4/16/2020	1065
4/18/2016	2454.094	4/19/2017	2390	4/17/2018	1700	4/16/2019	2330	4/17/2020	1075
4/19/2016	2454.094	4/20/2017	2330	4/18/2018	1690	4/17/2019	2330	4/20/2020	1010
4/20/2016	2509.659	4/21/2017	2370	4/19/2018	1690	4/18/2019	2420	4/21/2020	945
4/21/2016	2509.659	4/25/2017	2360	4/20/2018	1690	4/19/2019	2420	4/22/2020	950
4/22/2016	2532.811	4/26/2017	2330	4/23/2018	1690	4/22/2019	2380	4/23/2020	920
4/25/2016	2532.811	4/27/2017	2380	4/24/2018	1680	4/23/2019	2420	4/24/2020	865
4/26/2016	2514.289	4/28/2017	2370	4/25/2018	1680	4/24/2019	2400	4/27/2020	835
4/27/2016	2481.877			4/26/2018	1680	4/25/2019	2310	4/28/2020	875
4/28/2016	2500.398			4/27/2018	1680	4/26/2019	2350	4/29/2020	875
4/29/2016	2454.094			4/30/2018	1585	4/29/2019	2470	4/30/2020	950
						4/30/2019	2420		

BSDE									
2016		2017		2018		2019		2020	
Tanggal	P	Tanggal	P	Tanggal	P	Tanggal	P	Tanggal	P
4/1/2016	1815	4/3/2017	1880	4/2/2018	1775	4/1/2019	1455	4/1/2020	650
4/4/2016	1815	4/4/2017	1880	4/3/2018	1765	4/2/2019	1425	4/2/2020	645
4/5/2016	1825	4/5/2017	1880	4/4/2018	1720	4/3/2019	1425	4/3/2020	710
4/6/2016	1835	4/6/2017	1835	4/5/2018	1735	4/4/2019	1465	4/6/2020	830

4/7/2016	1835	4/7/2017	1815	4/6/2018	1760	4/5/2019	1470	4/7/2020	855
4/8/2016	1850	4/10/2017	1825	4/9/2018	1795	4/8/2019	1450	4/8/2020	800
4/11/2016	1850	4/11/2017	1775	4/10/2018	1760	4/9/2019	1465	4/9/2020	845
4/12/2016	1845	4/12/2017	1780	4/11/2018	1775	4/10/2019	1410	4/13/2020	820
4/13/2016	1845	4/13/2017	1765	4/12/2018	1775	4/11/2019	1420	4/14/2020	840
4/14/2016	1845	4/17/2017	1765	4/13/2018	1770	4/12/2019	1425	4/15/2020	845
4/15/2016	1845	4/18/2017	1820	4/16/2018	1770	4/15/2019	1390	4/16/2020	790
4/18/2016	1845	4/19/2017	1820	4/17/2018	1770	4/16/2019	1410	4/17/2020	795
4/19/2016	1845	4/20/2017	1805	4/18/2018	1830	4/17/2019	1410	4/20/2020	745
4/20/2016	1970	4/21/2017	1820	4/19/2018	1830	4/18/2019	1445	4/21/2020	695
4/21/2016	1910	4/25/2017	1810	4/20/2018	1830	4/19/2019	1445	4/22/2020	685
4/22/2016	1935	4/26/2017	1825	4/23/2018	1825	4/22/2019	1450	4/23/2020	685
4/25/2016	1940	4/27/2017	1800	4/24/2018	1820	4/23/2019	1460	4/24/2020	660
4/26/2016	1940	4/28/2017	1790	4/25/2018	1820	4/24/2019	1470	4/27/2020	690
4/27/2016	1940			4/26/2018	1820	4/25/2019	1395	4/28/2020	690
4/28/2016	1910			4/27/2018	1820	4/26/2019	1415	4/29/2020	690
4/29/2016	1850			4/30/2018	1690	4/29/2019	1425	4/30/2020	705
						4/30/2019	1435		

INTP									
2016		2017		2018		2019		2020	
Tanggal	P	Tanggal	P	Tanggal	P	Tanggal	P	Tanggal	P
4/1/2016	19750	4/3/2017	16800	4/2/2018	16025	4/1/2019	22300	4/1/2020	12175
4/4/2016	20125	4/4/2017	16975	4/3/2018	16200	4/2/2019	22300	4/2/2020	11825
4/5/2016	20175	4/5/2017	16975	4/4/2018	16600	4/3/2019	22300	4/3/2020	11925
4/6/2016	20100	4/6/2017	16900	4/5/2018	17150	4/4/2019	22450	4/6/2020	12950
4/7/2016	19900	4/7/2017	16775	4/6/2018	17500	4/5/2019	22200	4/7/2020	12400
4/8/2016	20200	4/10/2017	16925	4/9/2018	18850	4/8/2019	21800	4/8/2020	11550
4/11/2016	20200	4/11/2017	16500	4/10/2018	18900	4/9/2019	22325	4/9/2020	11600
4/12/2016	20100	4/12/2017	16500	4/11/2018	19850	4/10/2019	22225	4/13/2020	11425
4/13/2016	20100	4/13/2017	16500	4/12/2018	18775	4/11/2019	22150	4/14/2020	11625
4/14/2016	20100	4/17/2017	16650	4/13/2018	18875	4/12/2019	21175	4/15/2020	11550
4/15/2016	20100	4/18/2017	16500	4/16/2018	18875	4/15/2019	20975	4/16/2020	10750
4/18/2016	20100	4/19/2017	16500	4/17/2018	18875	4/16/2019	21500	4/17/2020	10975
4/19/2016	20100	4/20/2017	16000	4/18/2018	18800	4/17/2019	21500	4/20/2020	10950
4/20/2016	20150	4/21/2017	16000	4/19/2018	18800	4/18/2019	21850	4/21/2020	10700
4/21/2016	20000	4/25/2017	16300	4/20/2018	18800	4/19/2019	21850	4/22/2020	11400

4/22/2016	19950	4/26/2017	16725	4/23/2018	18650	4/22/2019	21250	4/23/2020	10975
4/25/2016	19950	4/27/2017	17075	4/24/2018	18300	4/23/2019	21175	4/24/2020	10575
4/26/2016	19775	4/28/2017	16950	4/25/2018	18300	4/24/2019	21225	4/27/2020	10500
4/27/2016	19900			4/26/2018	18300	4/25/2019	21050	4/28/2020	10550
4/28/2016	19900			4/27/2018	18300	4/26/2019	21375	4/29/2020	11050
4/29/2016	19725			4/30/2018	17725	4/29/2019	21450	4/30/2020	11650
						4/30/2019	22000		

LPPF									
2016		2017		2018		2019		2020	
Tanggal	P	Tanggal	P	Tanggal	P	Tanggal	P	Tanggal	P
4/1/2016	18175	4/3/2017	13500	4/2/2018	10575	4/1/2019	4030	4/1/2020	1245
4/4/2016	18000	4/4/2017	13125	4/3/2018	10950	4/2/2019	4000	4/2/2020	1160
4/5/2016	18000	4/5/2017	13125	4/4/2018	10975	4/3/2019	4000	4/3/2020	1095
4/6/2016	18050	4/6/2017	13400	4/5/2018	11075	4/4/2019	3860	4/6/2020	1285
4/7/2016	19100	4/7/2017	13250	4/6/2018	11100	4/5/2019	3940	4/7/2020	1415
4/8/2016	18325	4/10/2017	13475	4/9/2018	11200	4/8/2019	3830	4/8/2020	1320
4/11/2016	18325	4/11/2017	13300	4/10/2018	11050	4/9/2019	3870	4/9/2020	1230
4/12/2016	17950	4/12/2017	13875	4/11/2018	10975	4/10/2019	3820	4/13/2020	1155
4/13/2016	17950	4/13/2017	13450	4/12/2018	10850	4/11/2019	3820	4/14/2020	1360
4/14/2016	17950	4/17/2017	13350	4/13/2018	10700	4/12/2019	3740	4/15/2020	1355
4/15/2016	17950	4/18/2017	13375	4/16/2018	10700	4/15/2019	3690	4/16/2020	1490
4/18/2016	17950	4/19/2017	13375	4/17/2018	10700	4/16/2019	3590	4/17/2020	1480
4/19/2016	17950	4/20/2017	13250	4/18/2018	10475	4/17/2019	3590	4/20/2020	1500
4/20/2016	18000	4/21/2017	13300	4/19/2018	10475	4/18/2019	3640	4/21/2020	1395
4/21/2016	17725	4/25/2017	13450	4/20/2018	10475	4/19/2019	3640	4/22/2020	1340
4/22/2016	17750	4/26/2017	14000	4/23/2018	10900	4/22/2019	3800	4/23/2020	1360
4/25/2016	17700	4/27/2017	14750	4/24/2018	10975	4/23/2019	3890	4/24/2020	1265
4/26/2016	17900	4/28/2017	14600	4/25/2018	10975	4/24/2019	3900	4/27/2020	1235
4/27/2016	18800			4/26/2018	10975	4/25/2019	4050	4/28/2020	1245
4/28/2016	18275			4/27/2018	10975	4/26/2019	4320	4/29/2020	1195
4/29/2016	19000			4/30/2018	10350	4/29/2019	4370	4/30/2020	1220
						4/30/2019	4070		

PGAS
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2016		2017		2018		2019		2020	
Tanggal	P	Tanggal	P	Tanggal	P	Tanggal	P	Tanggal	P
4/1/2016	2660	4/3/2017	2530	4/2/2018	2310	4/1/2019	2370	4/1/2020	735
4/4/2016	2790	4/4/2017	2490	4/3/2018	2390	4/2/2019	2260	4/2/2020	800
4/5/2016	2755	4/5/2017	2490	4/4/2018	2310	4/3/2019	2260	4/3/2020	800
4/6/2016	2775	4/6/2017	2450	4/5/2018	2380	4/4/2019	2300	4/6/2020	895
4/7/2016	2785	4/7/2017	2470	4/6/2018	2360	4/5/2019	2290	4/7/2020	915
4/8/2016	2690	4/10/2017	2450	4/9/2018	2360	4/8/2019	2240	4/8/2020	855
4/11/2016	2690	4/11/2017	2430	4/10/2018	2370	4/9/2019	2290	4/9/2020	835
4/12/2016	2720	4/12/2017	2530	4/11/2018	2350	4/10/2019	2310	4/13/2020	830
4/13/2016	2720	4/13/2017	2530	4/12/2018	2350	4/11/2019	2250	4/14/2020	900
4/14/2016	2720	4/17/2017	2480	4/13/2018	2310	4/12/2019	2280	4/15/2020	840
4/15/2016	2720	4/18/2017	2400	4/16/2018	2310	4/15/2019	2280	4/16/2020	805
4/18/2016	2720	4/19/2017	2400	4/17/2018	2310	4/16/2019	2360	4/17/2020	835
4/19/2016	2720	4/20/2017	2390	4/18/2018	2170	4/17/2019	2360	4/20/2020	805
4/20/2016	2600	4/21/2017	2410	4/19/2018	2170	4/18/2019	2360	4/21/2020	765
4/21/2016	2570	4/25/2017	2500	4/20/2018	2170	4/19/2019	2360	4/22/2020	765
4/22/2016	2665	4/26/2017	2490	4/23/2018	2250	4/22/2019	2290	4/23/2020	770
4/25/2016	2640	4/27/2017	2470	4/24/2018	2270	4/23/2019	2390	4/24/2020	770
4/26/2016	2675	4/28/2017	2430	4/25/2018	2270	4/24/2019	2390	4/27/2020	785
4/27/2016	2640			4/26/2018	2270	4/25/2019	2340	4/28/2020	780
4/28/2016	2590			4/27/2018	2270	4/26/2019	2360	4/29/2020	790
4/29/2016	2620			4/30/2018	1985	4/29/2019	2320	4/30/2020	855
						4/30/2019	2320		

PTPP									
2016		2017		2018		2019		2020	
Tanggal	P	Tanggal	P	Tanggal	P	Tanggal	P	Tanggal	P
4/1/2016	3659.331	4/3/2017	3300	4/2/2018	2740	4/1/2019	2160	4/1/2020	515
4/4/2016	3659.331	4/4/2017	3270	4/3/2018	2750	4/2/2019	2140	4/2/2020	525
4/5/2016	3630.816	4/5/2017	3270	4/4/2018	2670	4/3/2019	2140	4/3/2020	570
4/6/2016	3602.302	4/6/2017	3240	4/5/2018	2760	4/4/2019	2230	4/6/2020	710
4/7/2016	3564.283	4/7/2017	3160	4/6/2018	2770	4/5/2019	2190	4/7/2020	760
4/8/2016	3616.559	4/10/2017	3040	4/9/2018	2750	4/8/2019	2140	4/8/2020	710
4/11/2016	3616.559	4/11/2017	3160	4/10/2018	2770	4/9/2019	2230	4/9/2020	695
4/12/2016	3607.054	4/12/2017	3380	4/11/2018	2840	4/10/2019	2280	4/13/2020	730
4/13/2016	3607.054	4/13/2017	3470	4/12/2018	2800	4/11/2019	2270	4/14/2020	775



4/14/2016	3607.054	4/17/2017	3360	4/13/2018	2800	4/12/2019	2230	4/15/2020	740
4/15/2016	3607.054	4/18/2017	3360	4/16/2018	2800	4/15/2019	2310	4/16/2020	705
4/18/2016	3607.054	4/19/2017	3360	4/17/2018	2800	4/16/2019	2390	4/17/2020	715
4/19/2016	3607.054	4/20/2017	3240	4/18/2018	2780	4/17/2019	2390	4/20/2020	685
4/20/2016	3626.064	4/21/2017	3210	4/19/2018	2780	4/18/2019	2490	4/21/2020	645
4/21/2016	3616.559	4/25/2017	3230	4/20/2018	2780	4/19/2019	2490	4/22/2020	655
4/22/2016	3583.292	4/26/2017	3200	4/23/2018	2800	4/22/2019	2430	4/23/2020	635
4/25/2016	3554.778	4/27/2017	3200	4/24/2018	2710	4/23/2019	2460	4/24/2020	600
4/26/2016	3497.75	4/28/2017	3180	4/25/2018	2710	4/24/2019	2450	4/27/2020	605
4/27/2016	3440.721			4/26/2018	2710	4/25/2019	2340	4/28/2020	645
4/28/2016	3464.483			4/27/2018	2710	4/26/2019	2410	4/29/2020	645
4/29/2016	3483.493			4/30/2018	2430	4/29/2019	2470	4/30/2020	670
						4/30/2019	2400		

SCMA									
2016		2017		2018		2019		2020	
Tanggal	P	Tanggal	P	Tanggal	P	Tanggal	P	Tanggal	P
4/1/2016	3245	4/3/2017	2810	4/2/2018	2700	4/1/2019	1630	4/1/2020	755
4/4/2016	3250	4/4/2017	2910	4/3/2018	2660	4/2/2019	1615	4/2/2020	795
4/5/2016	3200	4/5/2017	2910	4/4/2018	2680	4/3/2019	1615	4/3/2020	790
4/6/2016	3195	4/6/2017	2900	4/5/2018	2660	4/4/2019	1625	4/6/2020	845
4/7/2016	3180	4/7/2017	2870	4/6/2018	2640	4/5/2019	1620	4/7/2020	850
4/8/2016	3250	4/10/2017	2870	4/9/2018	2610	4/8/2019	1610	4/8/2020	795
4/11/2016	3250	4/11/2017	2900	4/10/2018	2620	4/9/2019	1670	4/9/2020	830
4/12/2016	3200	4/12/2017	2900	4/11/2018	2820	4/10/2019	1765	4/13/2020	810
4/13/2016	3200	4/13/2017	2750	4/12/2018	2710	4/11/2019	1730	4/14/2020	820
4/14/2016	3200	4/17/2017	2810	4/13/2018	2670	4/12/2019	1720	4/15/2020	840
4/15/2016	3200	4/18/2017	2790	4/16/2018	2670	4/15/2019	1720	4/16/2020	820
4/18/2016	3200	4/19/2017	2790	4/17/2018	2670	4/16/2019	1745	4/17/2020	855
4/19/2016	3200	4/20/2017	2780	4/18/2018	2640	4/17/2019	1745	4/20/2020	835
4/20/2016	3195	4/21/2017	2870	4/19/2018	2640	4/18/2019	1735	4/21/2020	780
4/21/2016	3210	4/25/2017	2890	4/20/2018	2640	4/19/2019	1735	4/22/2020	750
4/22/2016	3200	4/26/2017	2890	4/23/2018	2680	4/22/2019	1695	4/23/2020	815
4/25/2016	3165	4/27/2017	2890	4/24/2018	2660	4/23/2019	1680	4/24/2020	780
4/26/2016	3115	4/28/2017	2860	4/25/2018	2660	4/24/2019	1710	4/27/2020	790
4/27/2016	3090			4/26/2018	2660	4/25/2019	1710	4/28/2020	800

4/28/2016	3200			4/27/2018	2660	4/26/2019	1715	4/29/2020	820
4/29/2016	3200			4/30/2018	2560	4/29/2019	1780	4/30/2020	880
						4/30/2019	1860		

ANTM									
2016		2017		2018		2019		2020	
Tanggal	P	Tanggal	P	Tanggal	P	Tanggal	P	Tanggal	P
4/1/2016	461	4/3/2017	715	4/2/2018	795	4/1/2019	940	4/1/2020	436
4/4/2016	500	4/4/2017	720	4/3/2018	805	4/2/2019	925	4/2/2020	452
4/5/2016	500	4/5/2017	720	4/4/2018	775	4/3/2019	925	4/3/2020	464
4/6/2016	520	4/6/2017	715	4/5/2018	800	4/4/2019	915	4/6/2020	540
4/7/2016	625	4/7/2017	715	4/6/2018	805	4/5/2019	900	4/7/2020	555
4/8/2016	645	4/10/2017	705	4/9/2018	850	4/8/2019	885	4/8/2020	520
4/11/2016	645	4/11/2017	700	4/10/2018	850	4/9/2019	905	4/9/2020	520
4/12/2016	670	4/12/2017	725	4/11/2018	865	4/10/2019	895	4/13/2020	535
4/13/2016	670	4/13/2017	735	4/12/2018	865	4/11/2019	900	4/14/2020	555
4/14/2016	670	4/17/2017	720	4/13/2018	880	4/12/2019	880	4/15/2020	525
4/15/2016	670	4/18/2017	710	4/16/2018	880	4/15/2019	885	4/16/2020	505
4/18/2016	670	4/19/2017	710	4/17/2018	880	4/16/2019	895	4/17/2020	520
4/19/2016	670	4/20/2017	700	4/18/2018	885	4/17/2019	895	4/20/2020	500
4/20/2016	720	4/21/2017	700	4/19/2018	885	4/18/2019	885	4/21/2020	482
4/21/2016	720	4/25/2017	700	4/20/2018	885	4/19/2019	885	4/22/2020	492
4/22/2016	715	4/26/2017	700	4/23/2018	895	4/22/2019	855	4/23/2020	498
4/25/2016	715	4/27/2017	695	4/24/2018	860	4/23/2019	890	4/24/2020	494
4/26/2016	705	4/28/2017	695	4/25/2018	860	4/24/2019	880	4/27/2020	505
4/27/2016	700			4/26/2018	860	4/25/2019	870	4/28/2020	492
4/28/2016	740			4/27/2018	860	4/26/2019	875	4/29/2020	498
4/29/2016	760			4/30/2018	845	4/29/2019	875	4/30/2020	510
						4/30/2019	865		

CTRA									
2016		2017		2018		2019		2020	
Tanggal	P	Tanggal	P	Tanggal	P	Tanggal	P	Tanggal	P
4/1/2016	1277.116	4/3/2017	1235	4/2/2018	1190	4/1/2019	1090	4/1/2020	420
4/4/2016	1301.963	4/4/2017	1215	4/3/2018	1160	4/2/2019	1100	4/2/2020	412

4/5/2016	1282.086	4/5/2017	1215	4/4/2018	1160	4/3/2019	1100	4/3/2020	456
4/6/2016	1296.994	4/6/2017	1130	4/5/2018	1170	4/4/2019	1105	4/6/2020	570
4/7/2016	1257.239	4/7/2017	1095	4/6/2018	1180	4/5/2019	1100	4/7/2020	605
4/8/2016	1292.024	4/10/2017	1105	4/9/2018	1195	4/8/2019	1085	4/8/2020	565
4/11/2016	1292.024	4/11/2017	1155	4/10/2018	1215	4/9/2019	1140	4/9/2020	615
4/12/2016	1287.055	4/12/2017	1235	4/11/2018	1235	4/10/2019	1140	4/13/2020	615
4/13/2016	1287.055	4/13/2017	1245	4/12/2018	1240	4/11/2019	1130	4/14/2020	620
4/14/2016	1287.055	4/17/2017	1245	4/13/2018	1240	4/12/2019	1115	4/15/2020	595
4/15/2016	1287.055	4/18/2017	1265	4/16/2018	1240	4/15/2019	1135	4/16/2020	565
4/18/2016	1287.055	4/19/2017	1265	4/17/2018	1240	4/16/2019	1160	4/17/2020	590
4/19/2016	1287.055	4/20/2017	1265	4/18/2018	1240	4/17/2019	1160	4/20/2020	585
4/20/2016	1346.687	4/21/2017	1300	4/19/2018	1240	4/18/2019	1245	4/21/2020	550
4/21/2016	1311.902	4/25/2017	1300	4/20/2018	1240	4/19/2019	1245	4/22/2020	530
4/22/2016	1331.779	4/26/2017	1285	4/23/2018	1215	4/22/2019	1185	4/23/2020	515
4/25/2016	1316.871	4/27/2017	1285	4/24/2018	1180	4/23/2019	1220	4/24/2020	482
4/26/2016	1311.902	4/28/2017	1280	4/25/2018	1180	4/24/2019	1185	4/27/2020	492
4/27/2016	1282.086			4/26/2018	1180	4/25/2019	1130	4/28/2020	505
4/28/2016	1272.147			4/27/2018	1180	4/26/2019	1135	4/29/2020	505
4/29/2016	1237.362			4/30/2018	1100	4/29/2019	1140	4/30/2020	545
						4/30/2019	1130		

EXCL									
2016		2017		2018		2019		2020	
Tanggal	P	Tanggal	P	Tanggal	P	Tanggal	P	Tanggal	P
4/1/2016	3896.243	4/3/2017	3030	4/2/2018	2430	4/1/2019	2710	4/1/2020	1950
4/4/2016	3906.107	4/4/2017	3090	4/3/2018	2360	4/2/2019	2680	4/2/2020	2050
4/5/2016	3940.631	4/5/2017	3090	4/4/2018	2540	4/3/2019	2680	4/3/2020	2150
4/6/2016	3856.788	4/6/2017	3040	4/5/2018	2570	4/4/2019	2630	4/6/2020	2380
4/7/2016	3846.924	4/7/2017	2940	4/6/2018	2560	4/5/2019	2640	4/7/2020	2280
4/8/2016	3846.924	4/10/2017	2930	4/9/2018	2570	4/8/2019	2530	4/8/2020	2210
4/11/2016	3846.924	4/11/2017	2940	4/10/2018	2730	4/9/2019	2550	4/9/2020	2150
4/12/2016	3797.604	4/12/2017	3040	4/11/2018	2750	4/10/2019	2580	4/13/2020	2170
4/13/2016	3797.604	4/13/2017	3030	4/12/2018	2680	4/11/2019	2670	4/14/2020	2270
4/14/2016	3797.604	4/17/2017	2940	4/13/2018	2620	4/12/2019	2810	4/15/2020	2230
4/15/2016	3797.604	4/18/2017	3000	4/16/2018	2620	4/15/2019	2770	4/16/2020	2120
4/18/2016	3797.604	4/19/2017	3000	4/17/2018	2620	4/16/2019	2760	4/17/2020	2400
4/19/2016	3797.604	4/20/2017	3000	4/18/2018	2510	4/17/2019	2760	4/20/2020	2350

4/20/2016	3876.516	4/21/2017	3000	4/19/2018	2510	4/18/2019	2850	4/21/2020	2300
4/21/2016	3802.536	4/25/2017	3190	4/20/2018	2510	4/19/2019	2850	4/22/2020	2560
4/22/2016	3708.829	4/26/2017	3230	4/23/2018	2470	4/22/2019	2800	4/23/2020	2410
4/25/2016	3600.326	4/27/2017	3210	4/24/2018	2420	4/23/2019	2930	4/24/2020	2380
4/26/2016	3521.415	4/28/2017	3210	4/25/2018	2420	4/24/2019	2870	4/27/2020	2480
4/27/2016	3590.462			4/26/2018	2420	4/25/2019	2860	4/28/2020	2550
4/28/2016	3452.368			4/27/2018	2420	4/26/2019	2870	4/29/2020	2590
4/29/2016	3472.095			4/30/2018	2120	4/29/2019	2900	4/30/2020	2540
						4/30/2019	2920		

JSMR									
2016		2017		2018		2019		2020	
Tanggal	P	Tanggal	P	Tanggal	P	Tanggal	P	Tanggal	P
4/1/2016	5512.091	4/3/2017	4580	4/2/2018	4630	4/1/2019	5925	4/1/2020	2500
4/4/2016	5487.149	4/4/2017	4710	4/3/2018	4650	4/2/2019	5950	4/2/2020	2600
4/5/2016	5487.149	4/5/2017	4710	4/4/2018	4540	4/3/2019	5950	4/3/2020	2880
4/6/2016	5462.208	4/6/2017	4660	4/5/2018	4570	4/4/2019	6025	4/6/2020	3300
4/7/2016	5362.441	4/7/2017	4720	4/6/2018	4570	4/5/2019	6075	4/7/2020	3200
4/8/2016	5337.5	4/10/2017	4660	4/9/2018	4550	4/8/2019	6025	4/8/2020	2980
4/11/2016	5337.5	4/11/2017	4640	4/10/2018	4650	4/9/2019	6175	4/9/2020	2840
4/12/2016	5412.324	4/12/2017	4680	4/11/2018	4740	4/10/2019	5975	4/13/2020	3050
4/13/2016	5412.324	4/13/2017	4640	4/12/2018	4660	4/11/2019	6025	4/14/2020	3120
4/14/2016	5412.324	4/17/2017	4610	4/13/2018	4620	4/12/2019	6000	4/15/2020	2980
4/15/2016	5412.324	4/18/2017	4670	4/16/2018	4620	4/15/2019	6125	4/16/2020	2870
4/18/2016	5412.324	4/19/2017	4670	4/17/2018	4620	4/16/2019	6100	4/17/2020	2920
4/19/2016	5412.324	4/20/2017	4510	4/18/2018	4560	4/17/2019	6100	4/20/2020	2800
4/20/2016	5312.558	4/21/2017	4470	4/19/2018	4560	4/18/2019	6050	4/21/2020	2640
4/21/2016	5362.441	4/25/2017	4460	4/20/2018	4560	4/19/2019	6050	4/22/2020	2640
4/22/2016	5262.675	4/26/2017	4460	4/23/2018	4460	4/22/2019	5975	4/23/2020	2580
4/25/2016	5287.616	4/27/2017	4660	4/24/2018	4420	4/23/2019	5975	4/24/2020	2550
4/26/2016	5287.616	4/28/2017	4640	4/25/2018	4420	4/24/2019	6100	4/27/2020	2560
4/27/2016	5287.616			4/26/2018	4420	4/25/2019	6050	4/28/2020	2700
4/28/2016	5387.383			4/27/2018	4420	4/26/2019	6125	4/29/2020	2850
4/29/2016	5437.266			4/30/2018	4370	4/29/2019	6175	4/30/2020	3150
						4/30/2019	6100		

LPKR									
2016		2017		2018		2019		2020	
Tanggal	P	Tanggal	P	Tanggal	P	Tanggal	P	Tanggal	P
4/1/2016	821.3425	4/3/2017	579.3044	4/2/2018	384.0867	4/1/2019	234.896	4/1/2020	131
4/4/2016	829.2782	4/4/2017	583.2722	4/3/2018	385.6739	4/2/2019	234.896	4/2/2020	139
4/5/2016	817.3747	4/5/2017	583.2722	4/4/2018	377.7382	4/3/2019	234.896	4/3/2020	139
4/6/2016	817.3747	4/6/2017	579.3044	4/5/2018	384.0867	4/4/2019	234.896	4/6/2020	157
4/7/2016	849.1174	4/7/2017	575.3365	4/6/2018	384.0867	4/5/2019	239.6574	4/7/2020	152
4/8/2016	841.1817	4/10/2017	579.3044	4/9/2018	385.6739	4/8/2019	241.2446	4/8/2020	142
4/11/2016	841.1817	4/11/2017	579.3044	4/10/2018	384.0867	4/9/2019	244.4188	4/9/2020	147
4/12/2016	813.4069	4/12/2017	615.015	4/11/2018	384.0867	4/10/2019	241.2446	4/13/2020	141
4/13/2016	813.4069	4/13/2017	599.1436	4/12/2018	380.9125	4/11/2019	242.8317	4/14/2020	150
4/14/2016	813.4069	4/17/2017	587.2401	4/13/2018	379.3253	4/12/2019	246.006	4/15/2020	148
4/15/2016	813.4069	4/18/2017	611.0471	4/16/2018	379.3253	4/15/2019	250.7674	4/16/2020	144
4/18/2016	813.4069	4/19/2017	611.0471	4/17/2018	379.3253	4/16/2019	252.3545	4/17/2020	142
4/19/2016	813.4069	4/20/2017	603.1115	4/18/2018	374.5639	4/17/2019	252.3545	4/20/2020	140
4/20/2016	861.0209	4/21/2017	615.015	4/19/2018	374.5639	4/18/2019	261.8773	4/21/2020	131
4/21/2016	857.053	4/25/2017	638.822	4/20/2018	374.5639	4/19/2019	261.8773	4/22/2020	130
4/22/2016	837.2139	4/26/2017	638.822	4/23/2018	377.7382	4/22/2019	260.2902	4/23/2020	130
4/25/2016	825.3104	4/27/2017	634.8541	4/24/2018	374.5639	4/23/2019	261.8773	4/24/2020	126
4/26/2016	809.439	4/28/2017	626.9185	4/25/2018	374.5639	4/24/2019	261.8773	4/27/2020	133
4/27/2016	809.439			4/26/2018	374.5639	4/25/2019	260.2902	4/28/2020	140
4/28/2016	805.4712			4/27/2018	374.5639	4/26/2019	261.8773	4/29/2020	149
4/29/2016	805.4712			4/30/2018	353.9312	4/29/2019	258.7031	4/30/2020	162
						4/30/2019	260.2902		

PWON									
2016		2017		2018		2019		2020	
Tanggal	P	Tanggal	P	Tanggal	P	Tanggal	P	Tanggal	P
4/1/2016	492	4/3/2017	600	4/2/2018	625	4/1/2019	730	4/1/2020	312
4/4/2016	499	4/4/2017	615	4/3/2018	630	4/2/2019	750	4/2/2020	328
4/5/2016	493	4/5/2017	615	4/4/2018	640	4/3/2019	750	4/3/2020	344
4/6/2016	505	4/6/2017	590	4/5/2018	635	4/4/2019	750	4/6/2020	416
4/7/2016	515	4/7/2017	590	4/6/2018	640	4/5/2019	730	4/7/2020	404
4/8/2016	515	4/10/2017	540	4/9/2018	640	4/8/2019	730	4/8/2020	380
4/11/2016	515	4/11/2017	560	4/10/2018	620	4/9/2019	745	4/9/2020	404

4/12/2016	505	4/12/2017	580	4/11/2018	630	4/10/2019	735	4/13/2020	392
4/13/2016	505	4/13/2017	585	4/12/2018	625	4/11/2019	695	4/14/2020	406
4/14/2016	505	4/17/2017	575	4/13/2018	615	4/12/2019	720	4/15/2020	414
4/15/2016	505	4/18/2017	590	4/16/2018	615	4/15/2019	720	4/16/2020	406
4/18/2016	505	4/19/2017	590	4/17/2018	615	4/16/2019	720	4/17/2020	424
4/19/2016	505	4/20/2017	580	4/18/2018	625	4/17/2019	720	4/20/2020	400
4/20/2016	540	4/21/2017	610	4/19/2018	625	4/18/2019	740	4/21/2020	378
4/21/2016	525	4/25/2017	635	4/20/2018	625	4/19/2019	740	4/22/2020	376
4/22/2016	530	4/26/2017	640	4/23/2018	625	4/22/2019	715	4/23/2020	376
4/25/2016	530	4/27/2017	630	4/24/2018	600	4/23/2019	720	4/24/2020	350
4/26/2016	515	4/28/2017	625	4/25/2018	600	4/24/2019	745	4/27/2020	338
4/27/2016	525			4/26/2018	600	4/25/2019	730	4/28/2020	360
4/28/2016	535			4/27/2018	600	4/26/2019	710	4/29/2020	360
4/29/2016	525			4/30/2018	590	4/29/2019	700	4/30/2020	378
						4/30/2019	715		

SMRA									
2016		2017		2018		2019		2020	
Tanggal	P	Tanggal	P	Tanggal	P	Tanggal	P	Tanggal	P
4/1/2016	1620	4/3/2017	1350	4/2/2018	910	4/1/2019	1020	4/1/2020	372
4/4/2016	1600	4/4/2017	1375	4/3/2018	900	4/2/2019	1020	4/2/2020	356
4/5/2016	1590	4/5/2017	1375	4/4/2018	890	4/3/2019	1020	4/3/2020	424
4/6/2016	1585	4/6/2017	1375	4/5/2018	900	4/4/2019	1085	4/6/2020	510
4/7/2016	1590	4/7/2017	1315	4/6/2018	900	4/5/2019	1110	4/7/2020	520
4/8/2016	1585	4/10/2017	1350	4/9/2018	910	4/8/2019	1100	4/8/2020	484
4/11/2016	1585	4/11/2017	1350	4/10/2018	945	4/9/2019	1180	4/9/2020	500
4/12/2016	1475	4/12/2017	1385	4/11/2018	980	4/10/2019	1165	4/13/2020	486
4/13/2016	1475	4/13/2017	1345	4/12/2018	995	4/11/2019	1170	4/14/2020	540
4/14/2016	1475	4/17/2017	1335	4/13/2018	995	4/12/2019	1185	4/15/2020	505
4/15/2016	1475	4/18/2017	1365	4/16/2018	995	4/15/2019	1160	4/16/2020	484
4/18/2016	1475	4/19/2017	1365	4/17/2018	995	4/16/2019	1170	4/17/2020	496
4/19/2016	1475	4/20/2017	1335	4/18/2018	1025	4/17/2019	1170	4/20/2020	476
4/20/2016	1675	4/21/2017	1390	4/19/2018	1025	4/18/2019	1210	4/21/2020	444
4/21/2016	1650	4/25/2017	1395	4/20/2018	1025	4/19/2019	1210	4/22/2020	430
4/22/2016	1645	4/26/2017	1400	4/23/2018	1010	4/22/2019	1165	4/23/2020	440
4/25/2016	1620	4/27/2017	1395	4/24/2018	975	4/23/2019	1195	4/24/2020	414
4/26/2016	1615	4/28/2017	1360	4/25/2018	975	4/24/2019	1180	4/27/2020	426

4/27/2016	1630			4/26/2018	975	4/25/2019	1130	4/28/2020	422
4/28/2016	1590			4/27/2018	975	4/26/2019	1150	4/29/2020	424
4/29/2016	1565			4/30/2018	905	4/29/2019	1150	4/30/2020	444
						4/30/2019	1120		

WSKT									
2016		2017		2018		2019		2020	
Tanggal	P	Tanggal	P	Tanggal	P	Tanggal	P	Tanggal	P
4/1/2016	2035	4/3/2017	2390	4/2/2018	2540	4/1/2019	2010	4/1/2020	480
4/4/2016	2100	4/4/2017	2380	4/3/2018	2530	4/2/2019	1995	4/2/2020	488
4/5/2016	2125	4/5/2017	2380	4/4/2018	2520	4/3/2019	1995	4/3/2020	510
4/6/2016	2140	4/6/2017	2340	4/5/2018	2590	4/4/2019	2050	4/6/2020	635
4/7/2016	2090	4/7/2017	2330	4/6/2018	2550	4/5/2019	2010	4/7/2020	665
4/8/2016	2180	4/10/2017	2270	4/9/2018	2510	4/8/2019	1935	4/8/2020	620
4/11/2016	2180	4/11/2017	2250	4/10/2018	2540	4/9/2019	1985	4/9/2020	610
4/12/2016	2180	4/12/2017	2340	4/11/2018	2500	4/10/2019	1995	4/13/2020	630
4/13/2016	2180	4/13/2017	2370	4/12/2018	2500	4/11/2019	1995	4/14/2020	660
4/14/2016	2180	4/17/2017	2330	4/13/2018	2490	4/12/2019	2000	4/15/2020	630
4/15/2016	2180	4/18/2017	2440	4/16/2018	2490	4/15/2019	2060	4/16/2020	610
4/18/2016	2180	4/19/2017	2440	4/17/2018	2490	4/16/2019	2110	4/17/2020	625
4/19/2016	2180	4/20/2017	2380	4/18/2018	2370	4/17/2019	2110	4/20/2020	605
4/20/2016	2235	4/21/2017	2400	4/19/2018	2370	4/18/2019	2160	4/21/2020	575
4/21/2016	2280	4/25/2017	2380	4/20/2018	2370	4/19/2019	2160	4/22/2020	590
4/22/2016	2280	4/26/2017	2380	4/23/2018	2440	4/22/2019	2120	4/23/2020	575
4/25/2016	2265	4/27/2017	2400	4/24/2018	2460	4/23/2019	2160	4/24/2020	555
4/26/2016	2270	4/28/2017	2390	4/25/2018	2460	4/24/2019	2150	4/27/2020	560
4/27/2016	2305			4/26/2018	2460	4/25/2019	2080	4/28/2020	590
4/28/2016	2350			4/27/2018	2460	4/26/2019	2110	4/29/2020	590
4/29/2016	2345			4/30/2018	2210	4/29/2019	2170	4/30/2020	605
						4/30/2019	2120		

TPIA									
2016		2017		2018		2019		2020	
Tanggal	P	Tanggal	P	Tanggal	P	Tanggal	P	Tanggal	P
4/1/2016	696.9667	4/3/2017	4716.796	4/2/2018	6050	4/1/2019	5675	4/1/2020	5250

4/4/2016	696.9667	4/4/2017	4741.337	4/3/2018	6050	4/2/2019	5575	4/2/2020	5725
4/5/2016	696.9667	4/5/2017	4741.337	4/4/2018	6100	4/3/2019	5575	4/3/2020	6850
4/6/2016	696.9667	4/6/2017	5222.342	4/5/2018	6050	4/4/2019	5625	4/6/2020	7300
4/7/2016	696.9667	4/7/2017	5173.26	4/6/2018	6100	4/5/2019	5575	4/7/2020	7225
4/8/2016	696.9667	4/10/2017	5183.077	4/9/2018	6150	4/8/2019	5250	4/8/2020	7275
4/11/2016	696.9667	4/11/2017	5300.874	4/10/2018	6200	4/9/2019	5275	4/9/2020	7375
4/12/2016	696.9667	4/12/2017	5163.444	4/11/2018	6225	4/10/2019	5200	4/13/2020	7450
4/13/2016	696.9667	4/13/2017	5168.352	4/12/2018	6175	4/11/2019	5200	4/14/2020	7550
4/14/2016	696.9667	4/17/2017	5187.985	4/13/2018	6100	4/12/2019	5250	4/15/2020	7600
4/15/2016	696.9667	4/18/2017	5212.526	4/16/2018	6100	4/15/2019	5225	4/16/2020	7700
4/18/2016	696.9667	4/19/2017	5212.526	4/17/2018	6100	4/16/2019	5250	4/17/2020	7900
4/19/2016	696.9667	4/20/2017	5222.342	4/18/2018	6375	4/17/2019	5250	4/20/2020	7825
4/20/2016	696.9667	4/21/2017	5271.424	4/19/2018	6375	4/18/2019	5250	4/21/2020	7875
4/21/2016	824.5803	4/25/2017	5232.159	4/20/2018	6375	4/19/2019	5250	4/22/2020	8500
4/22/2016	824.5803	4/26/2017	5241.975	4/23/2018	6250	4/22/2019	5100	4/23/2020	8600
4/25/2016	824.5803	4/27/2017	5222.342	4/24/2018	6250	4/23/2019	5025	4/24/2020	8650
4/26/2016	844.2132	4/28/2017	5207.618	4/25/2018	6250	4/24/2019	5025	4/27/2020	8625
4/27/2016	844.2132			4/26/2018	6250	4/25/2019	5100	4/28/2020	8825
4/28/2016	883.4789			4/27/2018	6250	4/26/2019	5075	4/29/2020	8875
4/29/2016	922.7447			4/30/2018	6050	4/29/2019	5025	4/30/2020	8975
						4/30/2019	5100		

BRPT									
2016		2017		2018		2019		2020	
Tanggal	P	Tanggal	P	Tanggal	P	Tanggal	P	Tanggal	P
4/1/2016	42.3	4/3/2017	313	4/2/2018	470	4/1/2019	730	4/1/2020	745
4/4/2016	38.1	4/4/2017	327	4/3/2018	466	4/2/2019	722	4/2/2020	830
4/5/2016	39.2	4/5/2017	327	4/4/2018	462	4/3/2019	722	4/3/2020	1000
4/6/2016	40.9	4/6/2017	340	4/5/2018	458	4/4/2019	716	4/6/2020	1000
4/7/2016	42	4/7/2017	339	4/6/2018	460	4/5/2019	712	4/7/2020	985
4/8/2016	41.9	4/10/2017	352	4/9/2018	472	4/8/2019	734	4/8/2020	925
4/11/2016	41.9	4/11/2017	367	4/10/2018	482	4/9/2019	746	4/9/2020	945
4/12/2016	41	4/12/2017	365	4/11/2018	492	4/10/2019	770	4/13/2020	905
4/13/2016	41	4/13/2017	360	4/12/2018	492	4/11/2019	786	4/14/2020	985
4/14/2016	41	4/17/2017	353	4/13/2018	508	4/12/2019	808	4/15/2020	995
4/15/2016	41	4/18/2017	340	4/16/2018	508	4/15/2019	810	4/16/2020	970



4/18/2016	41	4/19/2017	340	4/17/2018	508	4/16/2019	808	4/17/2020	990
4/19/2016	41	4/20/2017	332	4/18/2018	496	4/17/2019	808	4/20/2020	965
4/20/2016	39.5	4/21/2017	326	4/19/2018	496	4/18/2019	818	4/21/2020	1015
4/21/2016	38.8	4/25/2017	338	4/20/2018	496	4/19/2019	818	4/22/2020	1210
4/22/2016	38.4	4/26/2017	327	4/23/2018	516	4/22/2019	804	4/23/2020	1280
4/25/2016	36	4/27/2017	312	4/24/2018	518	4/23/2019	806	4/24/2020	1240
4/26/2016	36.1	4/28/2017	315	4/25/2018	518	4/24/2019	824	4/27/2020	1215
4/27/2016	40			4/26/2018	518	4/25/2019	822	4/28/2020	1350
4/28/2016	42.2			4/27/2018	518	4/26/2019	824	4/29/2020	1435
4/29/2016	51.5			4/30/2018	494	4/29/2019	802	4/30/2020	1450
						4/30/2019	806		

Lampiran 24. Daftar harga saham 29 emiten pada bulan Mei 2016 – 2020

ADRO									
2016		2017		2018		2019		2020	
Tanggal	P	Tanggal	P	Tanggal	P	Tanggal	P	Tanggal	P
5/2/2016	715	5/2/2017	1720	5/1/2018	1835	5/1/2019	1305	5/4/2020	890
5/3/2016	715	5/3/2017	1630	5/2/2018	1775	5/2/2019	1345	5/5/2020	905
5/4/2016	720	5/4/2017	1615	5/3/2018	1680	5/3/2019	1335	5/6/2020	950
5/9/2016	695	5/5/2017	1560	5/4/2018	1640	5/6/2019	1315	5/8/2020	1025
5/10/2016	665	5/8/2017	1615	5/7/2018	1710	5/7/2019	1310	5/11/2020	1030
5/11/2016	685	5/9/2017	1550	5/8/2018	1625	5/8/2019	1295	5/12/2020	1005
5/12/2016	695	5/10/2017	1495	5/9/2018	1700	5/9/2019	1280	5/13/2020	1000
5/13/2016	670	5/12/2017	1480	5/10/2018	1700	5/10/2019	1265	5/14/2020	945
5/16/2016	685	5/15/2017	1485	5/11/2018	1715	5/13/2019	1250	5/15/2020	925
5/17/2016	695	5/16/2017	1465	5/14/2018	1675	5/14/2019	1235	5/18/2020	1020
5/18/2016	690	5/17/2017	1410	5/15/2018	1715	5/15/2019	1235	5/19/2020	1005
5/19/2016	675	5/18/2017	1435	5/16/2018	1800	5/16/2019	1160	5/20/2020	980
5/20/2016	670	5/19/2017	1465	5/17/2018	1880	5/17/2019	1175	5/26/2020	1000
5/23/2016	670	5/22/2017	1435	5/18/2018	1905	5/20/2019	1175	5/27/2020	1000
5/24/2016	660	5/23/2017	1475	5/21/2018	1950	5/21/2019	1235	5/28/2020	1030
5/25/2016	680	5/24/2017	1480	5/22/2018	1930	5/22/2019	1235	5/29/2020	1100
5/26/2016	700	5/26/2017	1485	5/23/2018	1825	5/23/2019	1280		
5/27/2016	695	5/29/2017	1465	5/24/2018	1835	5/24/2019	1260		
5/30/2016	695	5/30/2017	1460	5/25/2018	1830	5/27/2019	1265		
5/31/2016	710	5/31/2017	1520	5/28/2018	1820	5/28/2019	1270		

				5/29/2018	1820	5/29/2019	1270		
				5/30/2018	1830	5/30/2019	1270		
				5/31/2018	1885	5/31/2019	1295		

AKRA									
2016		2017		2018		2019		2020	
Tanggal	P	Tanggal	P	Tanggal	P	Tanggal	P	Tanggal	P
5/2/2016	6350	5/2/2017	6650	5/1/2018	4900	5/1/2019	4450	5/4/2020	2280
5/3/2016	6050	5/3/2017	6450	5/2/2018	4880	5/2/2019	4150	5/5/2020	2340
5/4/2016	5900	5/4/2017	6300	5/3/2018	4670	5/3/2019	4130	5/6/2020	2450
5/9/2016	6050	5/5/2017	6450	5/4/2018	4510	5/6/2019	4270	5/8/2020	2480
5/10/2016	6450	5/8/2017	6700	5/7/2018	4570	5/7/2019	4290	5/11/2020	2520
5/11/2016	6400	5/9/2017	6575	5/8/2018	4510	5/8/2019	4230	5/12/2020	2460
5/12/2016	6375	5/10/2017	6350	5/9/2018	4550	5/9/2019	4250	5/13/2020	2380
5/13/2016	6125	5/12/2017	6350	5/10/2018	4550	5/10/2019	4150	5/14/2020	2250
5/16/2016	5750	5/15/2017	6300	5/11/2018	4800	5/13/2019	4050	5/15/2020	2240
5/17/2016	5900	5/16/2017	6275	5/14/2018	4760	5/14/2019	4000	5/18/2020	2240
5/18/2016	6175	5/17/2017	6275	5/15/2018	4750	5/15/2019	3990	5/19/2020	2280
5/19/2016	6175	5/18/2017	6325	5/16/2018	4530	5/16/2019	3960	5/20/2020	2210
5/20/2016	6150	5/19/2017	6375	5/17/2018	4520	5/17/2019	3900	5/26/2020	2380
5/23/2016	6150	5/22/2017	6450	5/18/2018	4520	5/20/2019	3820	5/27/2020	2420
5/24/2016	6000	5/23/2017	6350	5/21/2018	4590	5/21/2019	3990	5/28/2020	2470
5/25/2016	5950	5/24/2017	6400	5/22/2018	4710	5/22/2019	4070	5/29/2020	2350
5/26/2016	5950	5/26/2017	6300	5/23/2018	4560	5/23/2019	4000		
5/27/2016	6025	5/29/2017	6200	5/24/2018	4570	5/24/2019	4020		
5/30/2016	6300	5/30/2017	6300	5/25/2018	4570	5/27/2019	4070		
5/31/2016	6400	5/31/2017	6625	5/28/2018	4670	5/28/2019	4140		
				5/29/2018	4670	5/29/2019	4010		
				5/30/2018	4690	5/30/2019	4010		
				5/31/2018	4920	5/31/2019	3980		

ASII									
2016		2017		2018		2019		2020	
Tanggal	P	Tanggal	P	Tanggal	P	Tanggal	P	Tanggal	P
5/2/2016	6700	5/2/2017	9000	5/1/2018	7150	5/1/2019	7625	5/4/2020	3610

5/3/2016	6600	5/3/2017	8850	5/2/2018	7375	5/2/2019	7475	5/5/2020	3610
5/4/2016	6650	5/4/2017	8800	5/3/2018	7275	5/3/2019	7425	5/6/2020	3640
5/9/2016	6400	5/5/2017	8700	5/4/2018	7250	5/6/2019	7425	5/8/2020	3740
5/10/2016	6525	5/8/2017	8800	5/7/2018	7075	5/7/2019	7525	5/11/2020	3920
5/11/2016	6650	5/9/2017	8700	5/8/2018	6950	5/8/2019	7400	5/12/2020	3820
5/12/2016	6525	5/10/2017	8600	5/9/2018	7100	5/9/2019	7150	5/13/2020	3730
5/13/2016	6325	5/12/2017	8675	5/10/2018	7100	5/10/2019	7175	5/14/2020	3570
5/16/2016	6200	5/15/2017	8700	5/11/2018	7050	5/13/2019	7025	5/15/2020	3710
5/17/2016	6325	5/16/2017	8600	5/14/2018	7025	5/14/2019	7000	5/18/2020	3910
5/18/2016	6250	5/17/2017	8350	5/15/2018	6925	5/15/2019	6950	5/19/2020	3950
5/19/2016	6250	5/18/2017	8500	5/16/2018	6900	5/16/2019	6775	5/20/2020	3970
5/20/2016	6350	5/19/2017	8750	5/17/2018	6725	5/17/2019	6700	5/26/2020	4330
5/23/2016	6375	5/22/2017	8775	5/18/2018	6525	5/20/2019	6900	5/27/2020	4350
5/24/2016	6375	5/23/2017	8700	5/21/2018	6525	5/21/2019	7000	5/28/2020	4540
5/25/2016	6575	5/24/2017	8725	5/22/2018	6950	5/22/2019	7000	5/29/2020	4770
5/26/2016	6550	5/26/2017	8750	5/23/2018	7000	5/23/2019	7100		
5/27/2016	6700	5/29/2017	8700	5/24/2018	7225	5/24/2019	7175		
5/30/2016	6750	5/30/2017	8675	5/25/2018	7250	5/27/2019	7125		
5/31/2016	6600	5/31/2017	8750	5/28/2018	7175	5/28/2019	7075		
				5/29/2018	7175	5/29/2019	7200		
				5/30/2018	7000	5/30/2019	7200		
				5/31/2018	6900	5/31/2019	7450		

ICBP									
2016		2017		2018		2019		2020	
Tanggal	P	Tanggal	P	Tanggal	P	Tanggal	P	Tanggal	P
5/2/2016	7650	5/2/2017	8550	5/1/2018	8675	5/1/2019	9725	5/4/2020	9700
5/3/2016	7650	5/3/2017	8600	5/2/2018	8700	5/2/2019	9700	5/5/2020	9750
5/4/2016	7675	5/4/2017	8600	5/3/2018	8200	5/3/2019	9625	5/6/2020	9675
5/9/2016	7700	5/5/2017	8625	5/4/2018	8200	5/6/2019	9600	5/8/2020	9625
5/10/2016	7700	5/8/2017	8600	5/7/2018	8575	5/7/2019	9700	5/11/2020	9750
5/11/2016	7750	5/9/2017	8625	5/8/2018	8450	5/8/2019	9700	5/12/2020	9750
5/12/2016	7775	5/10/2017	8700	5/9/2018	8475	5/9/2019	9675	5/13/2020	9650
5/13/2016	7800	5/12/2017	8600	5/10/2018	8475	5/10/2019	9825	5/14/2020	9725
5/16/2016	7737.5	5/15/2017	8625	5/11/2018	8375	5/13/2019	9625	5/15/2020	9700
5/17/2016	7950	5/16/2017	8575	5/14/2018	8350	5/14/2019	9650	5/18/2020	9725
5/18/2016	8200	5/17/2017	8700	5/15/2018	8200	5/15/2019	9525	5/19/2020	9900

5/19/2016	7962.5	5/18/2017	8700	5/16/2018	8300	5/16/2019	9500	5/20/2020	9600
5/20/2016	7987.5	5/19/2017	9100	5/17/2018	8175	5/17/2019	9300	5/26/2020	8950
5/23/2016	7987.5	5/22/2017	8750	5/18/2018	8000	5/20/2019	9375	5/27/2020	8325
5/24/2016	7937.5	5/23/2017	8825	5/21/2018	8000	5/21/2019	9625	5/28/2020	8325
5/25/2016	7950	5/24/2017	8825	5/22/2018	8100	5/22/2019	9500	5/29/2020	8150
5/26/2016	7950	5/26/2017	8800	5/23/2018	8025	5/23/2019	9725		
5/27/2016	8150	5/29/2017	8825	5/24/2018	8250	5/24/2019	9700		
5/30/2016	7962.5	5/30/2017	8675	5/25/2018	8300	5/27/2019	9775		
5/31/2016	8100	5/31/2017	8700	5/28/2018	8625	5/28/2019	9725		
				5/29/2018	8625	5/29/2019	9725		
				5/30/2018	8500	5/30/2019	9725		
				5/31/2018	8700	5/31/2019	9800		

INCO									
2016		2017		2018		2019		2020	
Tanggal	P	Tanggal	P	Tanggal	P	Tanggal	P	Tanggal	P
5/2/2016	1805	5/2/2017	2260	5/1/2018	3160	5/1/2019	3050	5/4/2020	2650
5/3/2016	1810	5/3/2017	2110	5/2/2018	3280	5/2/2019	2970	5/5/2020	2700
5/4/2016	1735	5/4/2017	2050	5/3/2018	3200	5/3/2019	2940	5/6/2020	2830
5/9/2016	1645	5/5/2017	1980	5/4/2018	3090	5/6/2019	2900	5/8/2020	3090
5/10/2016	1575	5/8/2017	1975	5/7/2018	3100	5/7/2019	2950	5/11/2020	3000
5/11/2016	1615	5/9/2017	1930	5/8/2018	3120	5/8/2019	2910	5/12/2020	2930
5/12/2016	1650	5/10/2017	1900	5/9/2018	3120	5/9/2019	2860	5/13/2020	2970
5/13/2016	1605	5/12/2017	1885	5/10/2018	3120	5/10/2019	2850	5/14/2020	2990
5/16/2016	1580	5/15/2017	1885	5/11/2018	3220	5/13/2019	2750	5/15/2020	2890
5/17/2016	1500	5/16/2017	1990	5/14/2018	3410	5/14/2019	2690	5/18/2020	2900
5/18/2016	1530	5/17/2017	1910	5/15/2018	3500	5/15/2019	2620	5/19/2020	2950
5/19/2016	1500	5/18/2017	1900	5/16/2018	3490	5/16/2019	2550	5/20/2020	2960
5/20/2016	1505	5/19/2017	1930	5/17/2018	3570	5/17/2019	2470	5/26/2020	3040
5/23/2016	1515	5/22/2017	1945	5/18/2018	3690	5/20/2019	2470	5/27/2020	2910
5/24/2016	1500	5/23/2017	1905	5/21/2018	3810	5/21/2019	2540	5/28/2020	2830
5/25/2016	1600	5/24/2017	1875	5/22/2018	3690	5/22/2019	2600	5/29/2020	2780
5/26/2016	1705	5/26/2017	1890	5/23/2018	3650	5/23/2019	2620		
5/27/2016	1690	5/29/2017	1875	5/24/2018	3750	5/24/2019	2690		
5/30/2016	1675	5/30/2017	1865	5/25/2018	3840	5/27/2019	2750		
5/31/2016	1655	5/31/2017	1905	5/28/2018	3750	5/28/2019	2700		
				5/29/2018	3750	5/29/2019	2680		

				5/30/2018	3770	5/30/2019	2680		
				5/31/2018	3860	5/31/2019	2700		

INDF									
2016		2017		2018		2019		2020	
Tanggal	P	Tanggal	P	Tanggal	P	Tanggal	P	Tanggal	P
5/2/2016	7025	5/2/2017	8425	5/1/2018	6975	5/1/2019	6950	5/4/2020	6600
5/3/2016	7200	5/3/2017	8475	5/2/2018	6925	5/2/2019	7000	5/5/2020	6525
5/4/2016	7200	5/4/2017	8475	5/3/2018	6725	5/3/2019	6800	5/6/2020	6500
5/9/2016	6950	5/5/2017	8475	5/4/2018	6350	5/6/2019	6775	5/8/2020	6625
5/10/2016	7150	5/8/2017	8450	5/7/2018	6375	5/7/2019	6850	5/11/2020	6525
5/11/2016	7175	5/9/2017	8475	5/8/2018	6200	5/8/2019	6750	5/12/2020	6325
5/12/2016	7050	5/10/2017	8400	5/9/2018	6375	5/9/2019	6625	5/13/2020	6325
5/13/2016	7125	5/12/2017	8475	5/10/2018	6375	5/10/2019	6650	5/14/2020	6575
5/16/2016	7025	5/15/2017	8475	5/11/2018	6500	5/13/2019	6400	5/15/2020	6575
5/17/2016	7025	5/16/2017	8375	5/14/2018	6450	5/14/2019	6375	5/18/2020	6500
5/18/2016	7025	5/17/2017	8475	5/15/2018	6475	5/15/2019	6250	5/19/2020	6750
5/19/2016	6975	5/18/2017	8450	5/16/2018	6425	5/16/2019	6100	5/20/2020	6425
5/20/2016	6875	5/19/2017	8650	5/17/2018	6300	5/17/2019	6000	5/26/2020	6000
5/23/2016	6875	5/22/2017	8700	5/18/2018	6375	5/20/2019	6225	5/27/2020	5600
5/24/2016	6850	5/23/2017	8800	5/21/2018	6300	5/21/2019	6250	5/28/2020	5675
5/25/2016	7025	5/24/2017	8800	5/22/2018	6550	5/22/2019	6250	5/29/2020	5750
5/26/2016	6975	5/26/2017	8750	5/23/2018	6800	5/23/2019	6400		
5/27/2016	7075	5/29/2017	8850	5/24/2018	6975	5/24/2019	6300		
5/30/2016	7000	5/30/2017	8775	5/25/2018	7025	5/27/2019	6525		
5/31/2016	6925	5/31/2017	8750	5/28/2018	7075	5/28/2019	6400		
				5/29/2018	7075	5/29/2019	6350		
				5/30/2018	7025	5/30/2019	6350		
				5/31/2018	7075	5/31/2019	6600		

KLBF									
2016		2017		2018		2019		2020	
Tanggal	P	Tanggal	P	Tanggal	P	Tanggal	P	Tanggal	P
5/2/2016	1340	5/2/2017	1515	5/1/2018	1505	5/1/2019	1545	5/4/2020	1380
5/3/2016	1345	5/3/2017	1545	5/2/2018	1515	5/2/2019	1510	5/5/2020	1360

5/4/2016	1340	5/4/2017	1575	5/3/2018	1445	5/3/2019	1495	5/6/2020	1405
5/9/2016	1305	5/5/2017	1550	5/4/2018	1390	5/6/2019	1475	5/8/2020	1400
5/10/2016	1315	5/8/2017	1520	5/7/2018	1480	5/7/2019	1500	5/11/2020	1385
5/11/2016	1310	5/9/2017	1555	5/8/2018	1455	5/8/2019	1500	5/12/2020	1385
5/12/2016	1315	5/10/2017	1575	5/9/2018	1435	5/9/2019	1460	5/13/2020	1400
5/13/2016	1320	5/12/2017	1535	5/10/2018	1435	5/10/2019	1445	5/14/2020	1400
5/16/2016	1300	5/15/2017	1525	5/11/2018	1450	5/13/2019	1440	5/15/2020	1400
5/17/2016	1300	5/16/2017	1510	5/14/2018	1445	5/14/2019	1390	5/18/2020	1400
5/18/2016	1340	5/17/2017	1500	5/15/2018	1385	5/15/2019	1350	5/19/2020	1390
5/19/2016	1400	5/18/2017	1535	5/16/2018	1340	5/16/2019	1295	5/20/2020	1340
5/20/2016	1400	5/19/2017	1580	5/17/2018	1320	5/17/2019	1260	5/26/2020	1325
5/23/2016	1400	5/22/2017	1570	5/18/2018	1270	5/20/2019	1330	5/27/2020	1320
5/24/2016	1405	5/23/2017	1545	5/21/2018	1290	5/21/2019	1340	5/28/2020	1355
5/25/2016	1395	5/24/2017	1515	5/22/2018	1320	5/22/2019	1325	5/29/2020	1415
5/26/2016	1400	5/26/2017	1505	5/23/2018	1285	5/23/2019	1340		
5/27/2016	1400	5/29/2017	1530	5/24/2018	1320	5/24/2019	1345		
5/30/2016	1415	5/30/2017	1525	5/25/2018	1370	5/27/2019	1345		
5/31/2016	1430	5/31/2017	1540	5/28/2018	1405	5/28/2019	1360		
				5/29/2018	1405	5/29/2019	1355		
				5/30/2018	1370	5/30/2019	1355		
				5/31/2018	1370	5/31/2019	1405		

PTBA									
2016		2017		2018		2019		2020	
Tanggal	P	Tanggal	P	Tanggal	P	Tanggal	P	Tanggal	P
5/2/2016	1410	5/2/2017	2470	5/1/2018	3240	5/1/2019	3960	5/4/2020	1815
5/3/2016	1375	5/3/2017	2475	5/2/2018	3430	5/2/2019	3940	5/5/2020	1815
5/4/2016	1320	5/4/2017	2375	5/3/2018	3280	5/3/2019	3790	5/6/2020	1895
5/9/2016	1300	5/5/2017	2300	5/4/2018	3350	5/6/2019	3790	5/8/2020	2060
5/10/2016	1260	5/8/2017	2330	5/7/2018	3270	5/7/2019	3400	5/11/2020	2050
5/11/2016	1310	5/9/2017	2275	5/8/2018	3260	5/8/2019	3190	5/12/2020	1990
5/12/2016	1310	5/10/2017	2170	5/9/2018	3430	5/9/2019	3110	5/13/2020	1905
5/13/2016	1265	5/12/2017	2195	5/10/2018	3430	5/10/2019	3080	5/14/2020	1865
5/16/2016	1275	5/15/2017	2175	5/11/2018	3450	5/13/2019	2940	5/15/2020	1815
5/17/2016	1315	5/16/2017	2170	5/14/2018	3560	5/14/2019	3050	5/18/2020	1900
5/18/2016	1300	5/17/2017	2115	5/15/2018	3530	5/15/2019	2900	5/19/2020	1915
5/19/2016	1265	5/18/2017	2120	5/16/2018	3500	5/16/2019	2810	5/20/2020	1920

5/20/2016	1260	5/19/2017	2160	5/17/2018	3550	5/17/2019	2750	5/26/2020	2040
5/23/2016	1285	5/22/2017	2150	5/18/2018	3690	5/20/2019	2810	5/27/2020	2090
5/24/2016	1255	5/23/2017	2155	5/21/2018	3830	5/21/2019	2810	5/28/2020	2090
5/25/2016	1295	5/24/2017	2150	5/22/2018	3790	5/22/2019	2850	5/29/2020	1945
5/26/2016	1330	5/26/2017	2150	5/23/2018	3770	5/23/2019	2880		
5/27/2016	1335	5/29/2017	2145	5/24/2018	3760	5/24/2019	2880		
5/30/2016	1335	5/30/2017	2130	5/25/2018	3750	5/27/2019	2880		
5/31/2016	1275	5/31/2017	2180	5/28/2018	3660	5/28/2019	3000		
				5/29/2018	3660	5/29/2019	3000		
				5/30/2018	3780	5/30/2019	3000		
				5/31/2018	3800	5/31/2019	3060		

SMGR									
2016		2017		2018		2019		2020	
Tanggal	P	Tanggal	P	Tanggal	P	Tanggal	P	Tanggal	P
5/2/2016	9550	5/2/2017	8800	5/1/2018	9650	5/1/2019	13500	5/4/2020	7525
5/3/2016	9800	5/3/2017	8725	5/2/2018	9275	5/2/2019	12900	5/5/2020	7500
5/4/2016	9825	5/4/2017	8650	5/3/2018	9000	5/3/2019	12250	5/6/2020	7450
5/9/2016	9275	5/5/2017	8800	5/4/2018	9000	5/6/2019	11150	5/8/2020	7450
5/10/2016	9400	5/8/2017	8750	5/7/2018	9125	5/7/2019	11900	5/11/2020	8000
5/11/2016	9650	5/9/2017	8750	5/8/2018	8975	5/8/2019	11325	5/12/2020	8100
5/12/2016	9350	5/10/2017	8650	5/9/2018	8950	5/9/2019	10900	5/13/2020	8225
5/13/2016	9000	5/12/2017	8850	5/10/2018	8950	5/10/2019	11150	5/14/2020	8575
5/16/2016	9100	5/15/2017	8900	5/11/2018	9200	5/13/2019	10475	5/15/2020	8525
5/17/2016	9050	5/16/2017	9200	5/14/2018	9000	5/14/2019	10675	5/18/2020	8600
5/18/2016	9100	5/17/2017	9100	5/15/2018	8900	5/15/2019	10550	5/19/2020	8500
5/19/2016	8850	5/18/2017	9200	5/16/2018	8700	5/16/2019	10700	5/20/2020	8525
5/20/2016	9000	5/19/2017	9200	5/17/2018	8700	5/17/2019	10550	5/26/2020	8575
5/23/2016	8825	5/22/2017	9400	5/18/2018	8700	5/20/2019	11250	5/27/2020	9250
5/24/2016	8700	5/23/2017	9350	5/21/2018	8350	5/21/2019	10825	5/28/2020	9600
5/25/2016	8825	5/24/2017	9250	5/22/2018	8375	5/22/2019	10825	5/29/2020	9800
5/26/2016	8825	5/26/2017	9250	5/23/2018	8300	5/23/2019	10900		
5/27/2016	9100	5/29/2017	9350	5/24/2018	8525	5/24/2019	10800		
5/30/2016	9125	5/30/2017	9200	5/25/2018	8775	5/27/2019	11375		
5/31/2016	9000	5/31/2017	9450	5/28/2018	8750	5/28/2019	11050		
				5/29/2018	8750	5/29/2019	11200		
				5/30/2018	8400	5/30/2019	11200		

				5/31/2018	8400	5/31/2019	11550		
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TLKM									
2016		2017		2018		2019		2020	
Tanggal	P	Tanggal	P	Tanggal	P	Tanggal	P	Tanggal	P
5/2/2016	3450	5/2/2017	4410	5/1/2018	3830	5/1/2019	3790	5/4/2020	3320
5/3/2016	3440	5/3/2017	4340	5/2/2018	3870	5/2/2019	3830	5/5/2020	3320
5/4/2016	3490	5/4/2017	4370	5/3/2018	3740	5/3/2019	3820	5/6/2020	3240
5/9/2016	3610	5/5/2017	4340	5/4/2018	3730	5/6/2019	3840	5/8/2020	3190
5/10/2016	3700	5/8/2017	4340	5/7/2018	3800	5/7/2019	3900	5/11/2020	3220
5/11/2016	3720	5/9/2017	4340	5/8/2018	3620	5/8/2019	3900	5/12/2020	3150
5/12/2016	3760	5/10/2017	4370	5/9/2018	3700	5/9/2019	3800	5/13/2020	3160
5/13/2016	3690	5/12/2017	4400	5/10/2018	3700	5/10/2019	3790	5/14/2020	3070
5/16/2016	3720	5/15/2017	4360	5/11/2018	3630	5/13/2019	3770	5/15/2020	3100
5/17/2016	3720	5/16/2017	4340	5/14/2018	3540	5/14/2019	3760	5/18/2020	3220
5/18/2016	3740	5/17/2017	4340	5/15/2018	3370	5/15/2019	3660	5/19/2020	3270
5/19/2016	3630	5/18/2017	4310	5/16/2018	3480	5/16/2019	3600	5/20/2020	3180
5/20/2016	3640	5/19/2017	4530	5/17/2018	3490	5/17/2019	3510	5/26/2020	3250
5/23/2016	3710	5/22/2017	4470	5/18/2018	3490	5/20/2019	3600	5/27/2020	3170
5/24/2016	3730	5/23/2017	4400	5/21/2018	3420	5/21/2019	3600	5/28/2020	3130
5/25/2016	3780	5/24/2017	4360	5/22/2018	3470	5/22/2019	3540	5/29/2020	3150
5/26/2016	3770	5/26/2017	4470	5/23/2018	3470	5/23/2019	3660		
5/27/2016	3760	5/29/2017	4390	5/24/2018	3560	5/24/2019	3750		
5/30/2016	3700	5/30/2017	4330	5/25/2018	3560	5/27/2019	3820		
5/31/2016	3700	5/31/2017	4350	5/28/2018	3690	5/28/2019	3690		
				5/29/2018	3690	5/29/2019	3780		
				5/30/2018	3600	5/30/2019	3780		
				5/31/2018	3520	5/31/2019	3900		

UNTR									
2016		2017		2018		2019		2020	
Tanggal	P	Tanggal	P	Tanggal	P	Tanggal	P	Tanggal	P
5/2/2016	15000	5/2/2017	26000	5/1/2018	34100	5/1/2019	27175	5/4/2020	15525
5/3/2016	14500	5/3/2017	25900	5/2/2018	33250	5/2/2019	26825	5/5/2020	15200
5/4/2016	14200	5/4/2017	25050	5/3/2018	33500	5/3/2019	26625	5/6/2020	15300



5/9/2016	13750	5/5/2017	25050	5/4/2018	33625	5/6/2019	26925	5/8/2020	15825
5/10/2016	13525	5/8/2017	25900	5/7/2018	32800	5/7/2019	27150	5/11/2020	15725
5/11/2016	14075	5/9/2017	25500	5/8/2018	32250	5/8/2019	27150	5/12/2020	15500
5/12/2016	13800	5/10/2017	25050	5/9/2018	33075	5/9/2019	26100	5/13/2020	15275
5/13/2016	13100	5/12/2017	24375	5/10/2018	33075	5/10/2019	26250	5/14/2020	15000
5/16/2016	13150	5/15/2017	24550	5/11/2018	35375	5/13/2019	25525	5/15/2020	14250
5/17/2016	12800	5/16/2017	23825	5/14/2018	35800	5/14/2019	25525	5/18/2020	14150
5/18/2016	13025	5/17/2017	23100	5/15/2018	34700	5/15/2019	25350	5/19/2020	14500
5/19/2016	13525	5/18/2017	23450	5/16/2018	34775	5/16/2019	24850	5/20/2020	14600
5/20/2016	13200	5/19/2017	24150	5/17/2018	36275	5/17/2019	24825	5/26/2020	15075
5/23/2016	13575	5/22/2017	24400	5/18/2018	35825	5/20/2019	24500	5/27/2020	14950
5/24/2016	13225	5/23/2017	24600	5/21/2018	35300	5/21/2019	24725	5/28/2020	15100
5/25/2016	13425	5/24/2017	24100	5/22/2018	35975	5/22/2019	24400	5/29/2020	15700
5/26/2016	13450	5/26/2017	24575	5/23/2018	36425	5/23/2019	25550		
5/27/2016	13900	5/29/2017	26025	5/24/2018	36950	5/24/2019	25100		
5/30/2016	14325	5/30/2017	27075	5/25/2018	37500	5/27/2019	24850		
5/31/2016	14200	5/31/2017	27775	5/28/2018	36100	5/28/2019	24300		
				5/29/2018	36100	5/29/2019	24875		
				5/30/2018	36800	5/30/2019	24875		
				5/31/2018	35050	5/31/2019	25350		

UNVR									
2016		2017		2018		2019		2020	
Tanggal	P	Tanggal	P	Tanggal	P	Tanggal	P	Tanggal	P
5/2/2016	8650	5/2/2017	9060	5/1/2018	9270	5/1/2019	9100	5/4/2020	7925
5/3/2016	8755	5/3/2017	9020	5/2/2018	9190	5/2/2019	9045	5/5/2020	8300
5/4/2016	9030	5/4/2017	9085	5/3/2018	9040	5/3/2019	8930	5/6/2020	8100
5/9/2016	8900	5/5/2017	9095	5/4/2018	9070	5/6/2019	9065	5/8/2020	8050
5/10/2016	8785	5/8/2017	9200	5/7/2018	9580	5/7/2019	8900	5/11/2020	8075
5/11/2016	8860	5/9/2017	9240	5/8/2018	9410	5/8/2019	8960	5/12/2020	8175
5/12/2016	8860	5/10/2017	9270	5/9/2018	9890	5/9/2019	8610	5/13/2020	8250
5/13/2016	8880	5/12/2017	9360	5/10/2018	9890	5/10/2019	8840	5/14/2020	8300
5/16/2016	8610	5/15/2017	9600	5/11/2018	9800	5/13/2019	8720	5/15/2020	8575
5/17/2016	8615	5/16/2017	9560	5/14/2018	9800	5/14/2019	8570	5/18/2020	8475
5/18/2016	8590	5/17/2017	9550	5/15/2018	9490	5/15/2019	8400	5/19/2020	8250
5/19/2016	8560	5/18/2017	9515	5/16/2018	9150	5/16/2019	8360	5/20/2020	8050
5/20/2016	8510	5/19/2017	9750	5/17/2018	9100	5/17/2019	8320	5/26/2020	8150

5/23/2016	8595	5/22/2017	9490	5/18/2018	9235	5/20/2019	8460	5/27/2020	8200
5/24/2016	8500	5/23/2017	9730	5/21/2018	9240	5/21/2019	8475	5/28/2020	8025
5/25/2016	8740	5/24/2017	9545	5/22/2018	9240	5/22/2019	8415	5/29/2020	7750
5/26/2016	8735	5/26/2017	9540	5/23/2018	9280	5/23/2019	8620		
5/27/2016	8800	5/29/2017	9465	5/24/2018	9620	5/24/2019	8705		
5/30/2016	8745	5/30/2017	9200	5/25/2018	9360	5/27/2019	8640		
5/31/2016	8620	5/31/2017	9235	5/28/2018	9420	5/28/2019	8500		
				5/29/2018	9420	5/29/2019	8700		
				5/30/2018	9310	5/30/2019	8700		
				5/31/2018	9120	5/31/2019	8900		

WIKA									
2016		2017		2018		2019		2020	
Tanggal	P	Tanggal	P	Tanggal	P	Tanggal	P	Tanggal	P
5/2/2016	2389.269	5/2/2017	2320	5/1/2018	1585	5/1/2019	2420	5/4/2020	895
5/3/2016	2444.834	5/3/2017	2300	5/2/2018	1560	5/2/2019	2370	5/5/2020	940
5/4/2016	2370.748	5/4/2017	2230	5/3/2018	1460	5/3/2019	2330	5/6/2020	935
5/9/2016	2315.184	5/5/2017	2290	5/4/2018	1370	5/6/2019	2280	5/8/2020	935
5/10/2016	2268.88	5/8/2017	2280	5/7/2018	1355	5/7/2019	2310	5/11/2020	985
5/11/2016	2296.662	5/9/2017	2240	5/8/2018	1250	5/8/2019	2280	5/12/2020	950
5/12/2016	2278.141	5/10/2017	2180	5/9/2018	1330	5/9/2019	2200	5/13/2020	950
5/13/2016	2250.358	5/12/2017	2190	5/10/2018	1330	5/10/2019	2200	5/14/2020	905
5/16/2016	2204.055	5/15/2017	2230	5/11/2018	1380	5/13/2019	2060	5/15/2020	905
5/17/2016	2148.49	5/16/2017	2230	5/14/2018	1355	5/14/2019	2040	5/18/2020	910
5/18/2016	2120.708	5/17/2017	2250	5/15/2018	1405	5/15/2019	1930	5/19/2020	965
5/19/2016	2046.622	5/18/2017	2220	5/16/2018	1465	5/16/2019	1850	5/20/2020	960
5/20/2016	2074.405	5/19/2017	2300	5/17/2018	1560	5/17/2019	1930	5/26/2020	1000
5/23/2016	2250.358	5/22/2017	2380	5/18/2018	1525	5/20/2019	1985	5/27/2020	1065
5/24/2016	2241.098	5/23/2017	2330	5/21/2018	1590	5/21/2019	2080	5/28/2020	1085
5/25/2016	2241.098	5/24/2017	2350	5/22/2018	1605	5/22/2019	2050	5/29/2020	1085
5/26/2016	2231.837	5/26/2017	2320	5/23/2018	1630	5/23/2019	2110		
5/27/2016	2259.619	5/29/2017	2280	5/24/2018	1680	5/24/2019	2100		
5/30/2016	2259.619	5/30/2017	2260	5/25/2018	1650	5/27/2019	2190		
5/31/2016	2222.576	5/31/2017	2290	5/28/2018	1655	5/28/2019	2200		
				5/29/2018	1655	5/29/2019	2260		
				5/30/2018	1670	5/30/2019	2260		
				5/31/2018	1670	5/31/2019	2270		

BSDE									
2016		2017		2018		2019		2020	
Tanggal	P	Tanggal	P	Tanggal	P	Tanggal	P	Tanggal	P
5/2/2016	1760	5/2/2017	1775	5/1/2018	1690	5/1/2019	1435	5/4/2020	680
5/3/2016	1765	5/3/2017	1765	5/2/2018	1655	5/2/2019	1390	5/5/2020	675
5/4/2016	1795	5/4/2017	1775	5/3/2018	1605	5/3/2019	1325	5/6/2020	670
5/9/2016	1730	5/5/2017	1815	5/4/2018	1595	5/6/2019	1265	5/8/2020	665
5/10/2016	1720	5/8/2017	1830	5/7/2018	1565	5/7/2019	1290	5/11/2020	665
5/11/2016	1760	5/9/2017	1825	5/8/2018	1485	5/8/2019	1280	5/12/2020	625
5/12/2016	1715	5/10/2017	1760	5/9/2018	1520	5/9/2019	1265	5/13/2020	605
5/13/2016	1720	5/12/2017	1810	5/10/2018	1520	5/10/2019	1250	5/14/2020	625
5/16/2016	1715	5/15/2017	1800	5/11/2018	1675	5/13/2019	1205	5/15/2020	605
5/17/2016	1720	5/16/2017	1805	5/14/2018	1675	5/14/2019	1215	5/18/2020	605
5/18/2016	1775	5/17/2017	1700	5/15/2018	1635	5/15/2019	1210	5/19/2020	625
5/19/2016	1795	5/18/2017	1705	5/16/2018	1645	5/16/2019	1185	5/20/2020	605
5/20/2016	1800	5/19/2017	1785	5/17/2018	1625	5/17/2019	1150	5/26/2020	650
5/23/2016	1805	5/22/2017	1800	5/18/2018	1610	5/20/2019	1185	5/27/2020	690
5/24/2016	1770	5/23/2017	1800	5/21/2018	1560	5/21/2019	1210	5/28/2020	660
5/25/2016	1815	5/24/2017	1825	5/22/2018	1565	5/22/2019	1215	5/29/2020	635
5/26/2016	1815	5/26/2017	1820	5/23/2018	1580	5/23/2019	1275		
5/27/2016	1815	5/29/2017	1800	5/24/2018	1660	5/24/2019	1275		
5/30/2016	1820	5/30/2017	1790	5/25/2018	1720	5/27/2019	1300		
5/31/2016	1830	5/31/2017	1810	5/28/2018	1750	5/28/2019	1275		
				5/29/2018	1750	5/29/2019	1310		
				5/30/2018	1705	5/30/2019	1310		
				5/31/2018	1705	5/31/2019	1350		

INTP									
2016		2017		2018		2019		2020	
Tanggal	P	Tanggal	P	Tanggal	P	Tanggal	P	Tanggal	P
5/2/2016	19050	5/2/2017	16150	5/1/2018	17725	5/1/2019	22000	5/4/2020	10850
5/3/2016	18850	5/3/2017	16200	5/2/2018	17325	5/2/2019	21150	5/5/2020	10775
5/4/2016	19400	5/4/2017	16225	5/3/2018	17075	5/3/2019	20300	5/6/2020	10600
5/9/2016	18825	5/5/2017	16400	5/4/2018	17000	5/6/2019	20300	5/8/2020	10600

5/10/2016	18600	5/8/2017	16775	5/7/2018	17000	5/7/2019	20725	5/11/2020	11400
5/11/2016	18575	5/9/2017	16700	5/8/2018	16700	5/8/2019	20800	5/12/2020	11550
5/12/2016	17600	5/10/2017	16775	5/9/2018	17725	5/9/2019	19525	5/13/2020	10800
5/13/2016	16575	5/12/2017	17000	5/10/2018	17725	5/10/2019	19450	5/14/2020	10800
5/16/2016	16600	5/15/2017	17800	5/11/2018	18875	5/13/2019	19100	5/15/2020	10650
5/17/2016	16550	5/16/2017	18475	5/14/2018	19600	5/14/2019	19575	5/18/2020	10800
5/18/2016	16175	5/17/2017	18325	5/15/2018	18800	5/15/2019	19025	5/19/2020	10700
5/19/2016	15525	5/18/2017	18100	5/16/2018	18500	5/16/2019	18675	5/20/2020	10775
5/20/2016	16275	5/19/2017	18000	5/17/2018	17100	5/17/2019	17800	5/26/2020	11100
5/23/2016	16025	5/22/2017	18000	5/18/2018	16700	5/20/2019	18075	5/27/2020	11350
5/24/2016	15950	5/23/2017	18600	5/21/2018	17250	5/21/2019	18525	5/28/2020	12200
5/25/2016	16525	5/24/2017	18600	5/22/2018	16925	5/22/2019	18600	5/29/2020	12100
5/26/2016	16475	5/26/2017	18600	5/23/2018	16900	5/23/2019	19325		
5/27/2016	16550	5/29/2017	18600	5/24/2018	17750	5/24/2019	19200		
5/30/2016	16650	5/30/2017	18775	5/25/2018	18450	5/27/2019	19975		
5/31/2016	16650	5/31/2017	18500	5/28/2018	18475	5/28/2019	20325		
				5/29/2018	18475	5/29/2019	20250		
				5/30/2018	17975	5/30/2019	20250		
				5/31/2018	17625	5/31/2019	21200		

LPPF									
2016		2017		2018		2019		2020	
Tanggal	P	Tanggal	P	Tanggal	P	Tanggal	P	Tanggal	P
5/2/2016	19000	5/2/2017	14800	5/1/2018	10350	5/1/2019	4070	5/4/2020	1150
5/3/2016	19000	5/3/2017	14875	5/2/2018	10000	5/2/2019	4050	5/5/2020	1290
5/4/2016	19000	5/4/2017	15275	5/3/2018	9375	5/3/2019	4090	5/6/2020	1220
5/9/2016	18475	5/5/2017	15775	5/4/2018	9600	5/6/2019	4090	5/8/2020	1250
5/10/2016	19000	5/8/2017	15750	5/7/2018	9400	5/7/2019	4040	5/11/2020	1525
5/11/2016	18500	5/9/2017	15075	5/8/2018	8725	5/8/2019	3840	5/12/2020	1530
5/12/2016	19150	5/10/2017	14550	5/9/2018	8700	5/9/2019	3860	5/13/2020	1425
5/13/2016	19025	5/12/2017	14800	5/10/2018	8700	5/10/2019	3830	5/14/2020	1330
5/16/2016	19150	5/15/2017	15025	5/11/2018	9400	5/13/2019	3860	5/15/2020	1255
5/17/2016	18800	5/16/2017	14950	5/14/2018	9375	5/14/2019	3710	5/18/2020	1380
5/18/2016	18800	5/17/2017	14800	5/15/2018	9200	5/15/2019	3650	5/19/2020	1330
5/19/2016	17850	5/18/2017	14650	5/16/2018	8950	5/16/2019	3630	5/20/2020	1355
5/20/2016	18050	5/19/2017	15350	5/17/2018	8725	5/17/2019	3670	5/26/2020	1500
5/23/2016	18350	5/22/2017	15900	5/18/2018	8800	5/20/2019	3720	5/27/2020	1440

5/24/2016	18000	5/23/2017	15500	5/21/2018	8975	5/21/2019	3760	5/28/2020	1470
5/25/2016	18650	5/24/2017	15000	5/22/2018	8950	5/22/2019	3680	5/29/2020	1450
5/26/2016	18600	5/26/2017	14250	5/23/2018	8800	5/23/2019	3750		
5/27/2016	18800	5/29/2017	14450	5/24/2018	9400	5/24/2019	3780		
5/30/2016	18650	5/30/2017	14600	5/25/2018	9400	5/27/2019	3760		
5/31/2016	18975	5/31/2017	15100	5/28/2018	9900	5/28/2019	3720		
				5/29/2018	9900	5/29/2019	3750		
				5/30/2018	9150	5/30/2019	3750		
				5/31/2018	9150	5/31/2019	3750		

PGAS									
2016		2017		2018		2019		2020	
Tanggal	P	Tanggal	P	Tanggal	P	Tanggal	P	Tanggal	P
5/2/2016	2510	5/2/2017	2410	5/1/2018	1985	5/1/2019	2320	5/4/2020	820
5/3/2016	2510	5/3/2017	2340	5/2/2018	2040	5/2/2019	2250	5/5/2020	815
5/4/2016	2460	5/4/2017	2420	5/3/2018	1930	5/3/2019	2240	5/6/2020	815
5/9/2016	2340	5/5/2017	2390	5/4/2018	1930	5/6/2019	2190	5/8/2020	860
5/10/2016	2300	5/8/2017	2420	5/7/2018	1890	5/7/2019	2240	5/11/2020	895
5/11/2016	2390	5/9/2017	2420	5/8/2018	1800	5/8/2019	2170	5/12/2020	855
5/12/2016	2380	5/10/2017	2430	5/9/2018	1930	5/9/2019	2040	5/13/2020	855
5/13/2016	2310	5/12/2017	2460	5/10/2018	1930	5/10/2019	2020	5/14/2020	810
5/16/2016	2350	5/15/2017	2420	5/11/2018	1965	5/13/2019	1980	5/15/2020	790
5/17/2016	2310	5/16/2017	2360	5/14/2018	1915	5/14/2019	2010	5/18/2020	835
5/18/2016	2290	5/17/2017	2290	5/15/2018	1875	5/15/2019	1975	5/19/2020	840
5/19/2016	2210	5/18/2017	2300	5/16/2018	1925	5/16/2019	1900	5/20/2020	830
5/20/2016	2230	5/19/2017	2350	5/17/2018	1905	5/17/2019	1865	5/26/2020	890
5/23/2016	2310	5/22/2017	2370	5/18/2018	1980	5/20/2019	1890	5/27/2020	885
5/24/2016	2300	5/23/2017	2420	5/21/2018	1935	5/21/2019	1925	5/28/2020	885
5/25/2016	2420	5/24/2017	2460	5/22/2018	1905	5/22/2019	1925	5/29/2020	860
5/26/2016	2460	5/26/2017	2540	5/23/2018	1880	5/23/2019	1980		
5/27/2016	2480	5/29/2017	2540	5/24/2018	2170	5/24/2019	1955		
5/30/2016	2480	5/30/2017	2450	5/25/2018	2080	5/27/2019	2030		
5/31/2016	2480	5/31/2017	2400	5/28/2018	2230	5/28/2019	1955		
				5/29/2018	2230	5/29/2019	2010		
				5/30/2018	2130	5/30/2019	2010		
				5/31/2018	2070	5/31/2019	2060		

PTPP									
2016		2017		2018		2019		2020	
Tanggal	P	Tanggal	P	Tanggal	P	Tanggal	P	Tanggal	P
5/2/2016	3488.245	5/2/2017	2970	5/1/2018	2430	5/1/2019	2400	5/4/2020	630
5/3/2016	3516.759	5/3/2017	2840	5/2/2018	2350	5/2/2019	2310	5/5/2020	655
5/4/2016	3450.226	5/4/2017	2700	5/3/2018	2220	5/3/2019	2260	5/6/2020	660
5/9/2016	3421.712	5/5/2017	2980	5/4/2018	2220	5/6/2019	2150	5/8/2020	665
5/10/2016	3383.693	5/8/2017	2980	5/7/2018	2190	5/7/2019	2180	5/11/2020	685
5/11/2016	3450.226	5/9/2017	2900	5/8/2018	2090	5/8/2019	2150	5/12/2020	645
5/12/2016	3412.207	5/10/2017	2770	5/9/2018	2130	5/9/2019	2080	5/13/2020	640
5/13/2016	3421.712	5/12/2017	2710	5/10/2018	2130	5/10/2019	2070	5/14/2020	620
5/16/2016	3393.198	5/15/2017	2710	5/11/2018	2260	5/13/2019	1930	5/15/2020	610
5/17/2016	3374.188	5/16/2017	2840	5/14/2018	2190	5/14/2019	1890	5/18/2020	610
5/18/2016	3355.178	5/17/2017	2950	5/15/2018	2200	5/15/2019	1745	5/19/2020	640
5/19/2016	3184.093	5/18/2017	2920	5/16/2018	2250	5/16/2019	1725	5/20/2020	640
5/20/2016	3241.121	5/19/2017	3000	5/17/2018	2340	5/17/2019	1790	5/26/2020	670
5/23/2016	3326.664	5/22/2017	3080	5/18/2018	2330	5/20/2019	1840	5/27/2020	680
5/24/2016	3241.121	5/23/2017	3120	5/21/2018	2330	5/21/2019	1870	5/28/2020	720
5/25/2016	3260.131	5/24/2017	3140	5/22/2018	2440	5/22/2019	1855	5/29/2020	725
5/26/2016	3355.178	5/26/2017	3200	5/23/2018	2600	5/23/2019	1880		
5/27/2016	3345.674	5/29/2017	3130	5/24/2018	2650	5/24/2019	1890		
5/30/2016	3507.254	5/30/2017	3080	5/25/2018	2650	5/27/2019	1890		
5/31/2016	3516.759	5/31/2017	3130	5/28/2018	2670	5/28/2019	1880		
				5/29/2018	2670	5/29/2019	1880		
				5/30/2018	2600	5/30/2019	1880		
				5/31/2018	2580	5/31/2019	1970		

SCMA									
2016		2017		2018		2019		2020	
Tanggal	P	Tanggal	P	Tanggal	P	Tanggal	P	Tanggal	P
5/2/2016	3280	5/2/2017	2830	5/1/2018	2560	5/1/2019	1860	5/4/2020	820
5/3/2016	3320	5/3/2017	2820	5/2/2018	2490	5/2/2019	1840	5/5/2020	785
5/4/2016	3390	5/4/2017	2810	5/3/2018	2300	5/3/2019	1815	5/6/2020	810
5/9/2016	3240	5/5/2017	2860	5/4/2018	2330	5/6/2019	1800	5/8/2020	790
5/10/2016	3120	5/8/2017	2860	5/7/2018	2450	5/7/2019	1775	5/11/2020	800

5/11/2016	3090	5/9/2017	2870	5/8/2018	2400	5/8/2019	1730	5/12/2020	785
5/12/2016	3100	5/10/2017	2840	5/9/2018	2440	5/9/2019	1685	5/13/2020	795
5/13/2016	3360	5/12/2017	2840	5/10/2018	2440	5/10/2019	1650	5/14/2020	800
5/16/2016	3270	5/15/2017	2860	5/11/2018	2470	5/13/2019	1585	5/15/2020	800
5/17/2016	3320	5/16/2017	2860	5/14/2018	2430	5/14/2019	1555	5/18/2020	835
5/18/2016	3310	5/17/2017	2870	5/15/2018	2400	5/15/2019	1490	5/19/2020	820
5/19/2016	3350	5/18/2017	2870	5/16/2018	2330	5/16/2019	1510	5/20/2020	805
5/20/2016	3260	5/19/2017	2860	5/17/2018	2300	5/17/2019	1510	5/26/2020	825
5/23/2016	3300	5/22/2017	2890	5/18/2018	2240	5/20/2019	1540	5/27/2020	940
5/24/2016	3280	5/23/2017	2870	5/21/2018	2160	5/21/2019	1520	5/28/2020	955
5/25/2016	3500	5/24/2017	2840	5/22/2018	2240	5/22/2019	1515	5/29/2020	1000
5/26/2016	3400	5/26/2017	2790	5/23/2018	2250	5/23/2019	1515		
5/27/2016	3440	5/29/2017	2720	5/24/2018	2300	5/24/2019	1545		
5/30/2016	3380	5/30/2017	2810	5/25/2018	2320	5/27/2019	1555		
5/31/2016	3350	5/31/2017	2910	5/28/2018	2360	5/28/2019	1575		
				5/29/2018	2360	5/29/2019	1545		
				5/30/2018	2330	5/30/2019	1545		
				5/31/2018	2460	5/31/2019	1650		

ANTM									
2016		2017		2018		2019		2020	
Tanggal	P	Tanggal	P	Tanggal	P	Tanggal	P	Tanggal	P
5/2/2016	755	5/2/2017	685	5/1/2018	845	5/1/2019	865	5/4/2020	494
5/3/2016	745	5/3/2017	665	5/2/2018	865	5/2/2019	820	5/5/2020	500
5/4/2016	770	5/4/2017	645	5/3/2018	840	5/3/2019	790	5/6/2020	500
5/9/2016	740	5/5/2017	630	5/4/2018	830	5/6/2019	760	5/8/2020	535
5/10/2016	710	5/8/2017	640	5/7/2018	810	5/7/2019	765	5/11/2020	530
5/11/2016	710	5/9/2017	630	5/8/2018	790	5/8/2019	765	5/12/2020	515
5/12/2016	715	5/10/2017	625	5/9/2018	805	5/9/2019	730	5/13/2020	535
5/13/2016	705	5/12/2017	620	5/10/2018	805	5/10/2019	745	5/14/2020	515
5/16/2016	680	5/15/2017	610	5/11/2018	810	5/13/2019	730	5/15/2020	520
5/17/2016	695	5/16/2017	700	5/14/2018	815	5/14/2019	710	5/18/2020	525
5/18/2016	695	5/17/2017	705	5/15/2018	820	5/15/2019	700	5/19/2020	525
5/19/2016	665	5/18/2017	695	5/16/2018	810	5/16/2019	685	5/20/2020	520
5/20/2016	660	5/19/2017	700	5/17/2018	825	5/17/2019	670	5/26/2020	530
5/23/2016	650	5/22/2017	695	5/18/2018	850	5/20/2019	685	5/27/2020	520
5/24/2016	645	5/23/2017	705	5/21/2018	880	5/21/2019	710	5/28/2020	525

5/25/2016	655	5/24/2017	705	5/22/2018	845	5/22/2019	710	5/29/2020	535
5/26/2016	680	5/26/2017	700	5/23/2018	845	5/23/2019	740		
5/27/2016	670	5/29/2017	750	5/24/2018	885	5/24/2019	730		
5/30/2016	670	5/30/2017	735	5/25/2018	870	5/27/2019	740		
5/31/2016	650	5/31/2017	775	5/28/2018	855	5/28/2019	720		
				5/29/2018	855	5/29/2019	715		
				5/30/2018	850	5/30/2019	715		
				5/31/2018	865	5/31/2019	725		

CTRA									
2016		2017		2018		2019		2020	
Tanggal	P	Tanggal	P	Tanggal	P	Tanggal	P	Tanggal	P
5/2/2016	1227.423	5/2/2017	1215	5/1/2018	1100	5/1/2019	1130	5/4/2020	515
5/3/2016	1277.116	5/3/2017	1180	5/2/2018	1055	5/2/2019	1060	5/5/2020	525
5/4/2016	1237.362	5/4/2017	1230	5/3/2018	1000	5/3/2019	1040	5/6/2020	520
5/9/2016	1192.638	5/5/2017	1200	5/4/2018	975	5/6/2019	1020	5/8/2020	515
5/10/2016	1192.638	5/8/2017	1175	5/7/2018	985	5/7/2019	1050	5/11/2020	530
5/11/2016	1282.086	5/9/2017	1175	5/8/2018	935	5/8/2019	1065	5/12/2020	510
5/12/2016	1237.362	5/10/2017	1165	5/9/2018	950	5/9/2019	1060	5/13/2020	496
5/13/2016	1252.27	5/12/2017	1175	5/10/2018	950	5/10/2019	1090	5/14/2020	484
5/16/2016	1237.362	5/15/2017	1170	5/11/2018	1005	5/13/2019	1015	5/15/2020	476
5/17/2016	1267.178	5/16/2017	1160	5/14/2018	1015	5/14/2019	1015	5/18/2020	472
5/18/2016	1321.84	5/17/2017	1125	5/15/2018	1000	5/15/2019	970	5/19/2020	494
5/19/2016	1326.81	5/18/2017	1115	5/16/2018	990	5/16/2019	925	5/20/2020	490
5/20/2016	1321.84	5/19/2017	1185	5/17/2018	985	5/17/2019	905	5/26/2020	525
5/23/2016	1326.81	5/22/2017	1170	5/18/2018	970	5/20/2019	900	5/27/2020	550
5/24/2016	1326.81	5/23/2017	1140	5/21/2018	920	5/21/2019	900	5/28/2020	545
5/25/2016	1381.472	5/24/2017	1120	5/22/2018	880	5/22/2019	900	5/29/2020	575
5/26/2016	1351.656	5/26/2017	1120	5/23/2018	900	5/23/2019	935		
5/27/2016	1376.503	5/29/2017	1090	5/24/2018	1005	5/24/2019	1000		
5/30/2016	1421.227	5/30/2017	1090	5/25/2018	1000	5/27/2019	1010		
5/31/2016	1371.534	5/31/2017	1120	5/28/2018	1060	5/28/2019	930		
				5/29/2018	1060	5/29/2019	950		
				5/30/2018	1035	5/30/2019	950		
				5/31/2018	1010	5/31/2019	980		



EXCL									
2016		2017		2018		2019		2020	
Tanggal	P	Tanggal	P	Tanggal	P	Tanggal	P	Tanggal	P
5/2/2016	3472.095	5/2/2017	3080	5/1/2018	2120	5/1/2019	2920	5/4/2020	2450
5/3/2016	3403.048	5/3/2017	3080	5/2/2018	2100	5/2/2019	2780	5/5/2020	2420
5/4/2016	3472.095	5/4/2017	3180	5/3/2018	1945	5/3/2019	2780	5/6/2020	2320
5/9/2016	3432.64	5/5/2017	3140	5/4/2018	1830	5/6/2019	2850	5/8/2020	2380
5/10/2016	3343.865	5/8/2017	3060	5/7/2018	1900	5/7/2019	2980	5/11/2020	2400
5/11/2016	3264.953	5/9/2017	3120	5/8/2018	1790	5/8/2019	2960	5/12/2020	2290
5/12/2016	3304.409	5/10/2017	3150	5/9/2018	1890	5/9/2019	2960	5/13/2020	2400
5/13/2016	3334.001	5/12/2017	3050	5/10/2018	1890	5/10/2019	2930	5/14/2020	2350
5/16/2016	3400	5/15/2017	3120	5/11/2018	1975	5/13/2019	2760	5/15/2020	2460
5/17/2016	3310	5/16/2017	3010	5/14/2018	1900	5/14/2019	2770	5/18/2020	2510
5/18/2016	3320	5/17/2017	3080	5/15/2018	1750	5/15/2019	2650	5/19/2020	2480
5/19/2016	3240	5/18/2017	3030	5/16/2018	1810	5/16/2019	2560	5/20/2020	2400
5/20/2016	3200	5/19/2017	3060	5/17/2018	2180	5/17/2019	2540	5/26/2020	2430
5/23/2016	3200	5/22/2017	2990	5/18/2018	2140	5/20/2019	2650	5/27/2020	2630
5/24/2016	3160	5/23/2017	3000	5/21/2018	2040	5/21/2019	2670	5/28/2020	2490
5/25/2016	3340	5/24/2017	3040	5/22/2018	2020	5/22/2019	2640	5/29/2020	2590
5/26/2016	3410	5/26/2017	2960	5/23/2018	2160	5/23/2019	2740		
5/27/2016	3480	5/29/2017	3080	5/24/2018	2320	5/24/2019	2790		
5/30/2016	3470	5/30/2017	3000	5/25/2018	2280	5/27/2019	2810		
5/31/2016	3530	5/31/2017	2960	5/28/2018	2260	5/28/2019	2790		
				5/29/2018	2260	5/29/2019	2900		
				5/30/2018	2160	5/30/2019	2900		
				5/31/2018	2100	5/31/2019	2860		

JSMR									
2016		2017		2018		2019		2020	
Tanggal	P	Tanggal	P	Tanggal	P	Tanggal	P	Tanggal	P
5/2/2016	5462.208	5/2/2017	4620	5/1/2018	4370	5/1/2019	6100	5/4/2020	3040
5/3/2016	5462.208	5/3/2017	4610	5/2/2018	4330	5/2/2019	6000	5/5/2020	3180
5/4/2016	5412.324	5/4/2017	4650	5/3/2018	4180	5/3/2019	5850	5/6/2020	3510
5/9/2016	5287.616	5/5/2017	4740	5/4/2018	4120	5/6/2019	5625	5/8/2020	3640
5/10/2016	5262.675	5/8/2017	4840	5/7/2018	4180	5/7/2019	5700	5/11/2020	3800
5/11/2016	5362.441	5/9/2017	4780	5/8/2018	4020	5/8/2019	5650	5/12/2020	3680

5/12/2016	5362.441	5/10/2017	4680	5/9/2018	4100	5/9/2019	5550	5/13/2020	3430
5/13/2016	5412.324	5/12/2017	4810	5/10/2018	4100	5/10/2019	5600	5/14/2020	3530
5/16/2016	5412.324	5/15/2017	4830	5/11/2018	4140	5/13/2019	5350	5/15/2020	3530
5/17/2016	5287.616	5/16/2017	4800	5/14/2018	4150	5/14/2019	5450	5/18/2020	3670
5/18/2016	5262.675	5/17/2017	4800	5/15/2018	4100	5/15/2019	5300	5/19/2020	3700
5/19/2016	5237.733	5/18/2017	4800	5/16/2018	4070	5/16/2019	5100	5/20/2020	3700
5/20/2016	5187.85	5/19/2017	5000	5/17/2018	4020	5/17/2019	5025	5/26/2020	3940
5/23/2016	5262.675	5/22/2017	5075	5/18/2018	3970	5/20/2019	5275	5/27/2020	3910
5/24/2016	5237.733	5/23/2017	4980	5/21/2018	3990	5/21/2019	5325	5/28/2020	3810
5/25/2016	5287.616	5/24/2017	5075	5/22/2018	4050	5/22/2019	5300	5/29/2020	3550
5/26/2016	5337.5	5/26/2017	5075	5/23/2018	4090	5/23/2019	5500		
5/27/2016	5287.616	5/29/2017	5050	5/24/2018	4330	5/24/2019	5650		
5/30/2016	5287.616	5/30/2017	5050	5/25/2018	4320	5/27/2019	5700		
5/31/2016	5387.383	5/31/2017	5250	5/28/2018	4400	5/28/2019	5375		
				5/29/2018	4400	5/29/2019	5500		
				5/30/2018	4280	5/30/2019	5500		
				5/31/2018	4450	5/31/2019	5700		

LPKR									
2016		2017		2018		2019		2020	
Tanggal	P	Tanggal	P	Tanggal	P	Tanggal	P	Tanggal	P
5/2/2016	797.5355	5/2/2017	626.9185	5/1/2018	353.9312	5/1/2019	260.2902	5/4/2020	151
5/3/2016	797.5355	5/3/2017	622.9506	5/2/2018	352.3441	5/2/2019	260.2902	5/5/2020	147
5/4/2016	805.4712	5/4/2017	622.9506	5/3/2018	331.7113	5/3/2019	258.7031	5/6/2020	146
5/9/2016	773.7285	5/5/2017	654.6933	5/4/2018	333.2984	5/6/2019	255.5288	5/8/2020	145
5/10/2016	757.8571	5/8/2017	662.629	5/7/2018	326.9499	5/7/2019	255.5288	5/11/2020	145
5/11/2016	745.9536	5/9/2017	650.7255	5/8/2018	314.2528	5/8/2019	257.1159	5/12/2020	145
5/12/2016	734.0501	5/10/2017	630.8863	5/9/2018	317.4271	5/9/2019	252.3545	5/13/2020	155
5/13/2016	741.9858	5/12/2017	607.0793	5/10/2018	317.4271	5/10/2019	252.3545	5/14/2020	148
5/16/2016	741.9858	5/15/2017	607.0793	5/11/2018	320.6013	5/13/2019	249.1802	5/15/2020	145
5/17/2016	741.9858	5/16/2017	587.2401	5/14/2018	319.0142	5/14/2019	249.1802	5/18/2020	140
5/18/2016	745.9536	5/17/2017	575.3365	5/15/2018	317.4271	5/15/2019	246.006	5/19/2020	143
5/19/2016	745.9536	5/18/2017	567.4009	5/16/2018	307.9042	5/16/2019	236.4832	5/20/2020	143
5/20/2016	741.9858	5/19/2017	587.2401	5/17/2018	309.4914	5/17/2019	247.5931	5/26/2020	150
5/23/2016	738.0179	5/22/2017	591.2079	5/18/2018	304.73	5/20/2019	250.7674	5/27/2020	150
5/24/2016	730.0823	5/23/2017	591.2079	5/21/2018	299.9686	5/21/2019	252.3545	5/28/2020	169
5/25/2016	749.9214	5/24/2017	579.3044	5/22/2018	296.7943	5/22/2019	250.7674	5/29/2020	184

5/26/2016	749.9214	5/26/2017	575.3365	5/23/2018	292.0329	5/23/2019	258.7031		
5/27/2016	781.6641	5/29/2017	563.433	5/24/2018	296.7943	5/24/2019	258.7031		
5/30/2016	785.632	5/30/2017	567.4009	5/25/2018	299.9686	5/27/2019	260.2902		
5/31/2016	757.8571	5/31/2017	539.626	5/28/2018	309.4914	5/28/2019	257.1159		
				5/29/2018	309.4914	5/29/2019	252.3545		
				5/30/2018	307.9042	5/30/2019	252.3545		
				5/31/2018	299.9686	5/31/2019	255.5288		

PWON									
2016		2017		2018		2019		2020	
Tanggal	P	Tanggal	P	Tanggal	P	Tanggal	P	Tanggal	P
5/2/2016	505	5/2/2017	635	5/1/2018	590	5/1/2019	715	5/4/2020	352
5/3/2016	515	5/3/2017	635	5/2/2018	600	5/2/2019	705	5/5/2020	346
5/4/2016	505	5/4/2017	675	5/3/2018	575	5/3/2019	695	5/6/2020	350
5/9/2016	488	5/5/2017	685	5/4/2018	565	5/6/2019	665	5/8/2020	356
5/10/2016	486	5/8/2017	675	5/7/2018	570	5/7/2019	670	5/11/2020	360
5/11/2016	505	5/9/2017	660	5/8/2018	545	5/8/2019	680	5/12/2020	346
5/12/2016	510	5/10/2017	630	5/9/2018	545	5/9/2019	650	5/13/2020	334
5/13/2016	500	5/12/2017	615	5/10/2018	545	5/10/2019	680	5/14/2020	338
5/16/2016	488	5/15/2017	625	5/11/2018	570	5/13/2019	670	5/15/2020	326
5/17/2016	510	5/16/2017	600	5/14/2018	560	5/14/2019	670	5/18/2020	334
5/18/2016	540	5/17/2017	570	5/15/2018	525	5/15/2019	655	5/19/2020	342
5/19/2016	520	5/18/2017	575	5/16/2018	530	5/16/2019	635	5/20/2020	340
5/20/2016	510	5/19/2017	635	5/17/2018	520	5/17/2019	630	5/26/2020	362
5/23/2016	515	5/22/2017	645	5/18/2018	500	5/20/2019	630	5/27/2020	400
5/24/2016	510	5/23/2017	640	5/21/2018	500	5/21/2019	645	5/28/2020	376
5/25/2016	525	5/24/2017	630	5/22/2018	505	5/22/2019	640	5/29/2020	362
5/26/2016	535	5/26/2017	640	5/23/2018	496	5/23/2019	645		
5/27/2016	540	5/29/2017	625	5/24/2018	535	5/24/2019	645		
5/30/2016	540	5/30/2017	610	5/25/2018	535	5/27/2019	670		
5/31/2016	550	5/31/2017	610	5/28/2018	560	5/28/2019	680		
				5/29/2018	560	5/29/2019	700		
				5/30/2018	575	5/30/2019	700		
				5/31/2018	560	5/31/2019	705		

SMRA									
2016		2017		2018		2019		2020	
Tanggal	P	Tanggal	P	Tanggal	P	Tanggal	P	Tanggal	P
5/2/2016	1495	5/2/2017	1350	5/1/2018	905	5/1/2019	1120	5/4/2020	403.0914
5/3/2016	1480	5/3/2017	1350	5/2/2018	905	5/2/2019	1060	5/5/2020	412.7811
5/4/2016	1435	5/4/2017	1385	5/3/2018	890	5/3/2019	1025	5/6/2020	416.657
5/9/2016	1375	5/5/2017	1380	5/4/2018	890	5/6/2019	990	5/8/2020	418.5949
5/10/2016	1370	5/8/2017	1390	5/7/2018	890	5/7/2019	1035	5/11/2020	445.7261
5/11/2016	1435	5/9/2017	1400	5/8/2018	870	5/8/2019	1045	5/12/2020	420.5329
5/12/2016	1375	5/10/2017	1335	5/9/2018	870	5/9/2019	1075	5/13/2020	418.5949
5/13/2016	1410	5/12/2017	1345	5/10/2018	870	5/10/2019	1105	5/14/2020	406.9673
5/16/2016	1375	5/15/2017	1340	5/11/2018	880	5/13/2019	1040	5/15/2020	416.657
5/17/2016	1385	5/16/2017	1305	5/14/2018	855	5/14/2019	1060	5/18/2020	410.8432
5/18/2016	1485	5/17/2017	1250	5/15/2018	855	5/15/2019	1045	5/19/2020	410.8432
5/19/2016	1530	5/18/2017	1225	5/16/2018	840	5/16/2019	995	5/20/2020	405.0293
5/20/2016	1540	5/19/2017	1325	5/17/2018	845	5/17/2019	955	5/26/2020	422.4708
5/23/2016	1570	5/22/2017	1370	5/18/2018	830	5/20/2019	990	5/27/2020	437.9743
5/24/2016	1530	5/23/2017	1360	5/21/2018	820	5/21/2019	995	5/28/2020	439.9123
5/25/2016	1585	5/24/2017	1365	5/22/2018	805	5/22/2019	1010	5/29/2020	449.602
5/26/2016	1590	5/26/2017	1360	5/23/2018	810	5/23/2019	1010		
5/27/2016	1600	5/29/2017	1320	5/24/2018	895	5/24/2019	1055		
5/30/2016	1585	5/30/2017	1305	5/25/2018	930	5/27/2019	1120		
5/31/2016	1600	5/31/2017	1320	5/28/2018	980	5/28/2019	1045		
				5/29/2018	980	5/29/2019	1090		
				5/30/2018	960	5/30/2019	1090		
				5/31/2018	985	5/31/2019	1035		

WSKT									
2016		2017		2018		2019		2020	
Tanggal	P	Tanggal	P	Tanggal	P	Tanggal	P	Tanggal	P
5/2/2016	2370	5/2/2017	2350	5/1/2018	2210	5/1/2019	2120	5/4/2020	585
5/3/2016	2440	5/3/2017	2290	5/2/2018	2110	5/2/2019	2040	5/5/2020	605
5/4/2016	2550	5/4/2017	2290	5/3/2018	1980	5/3/2019	2010	5/6/2020	595
5/9/2016	2460	5/5/2017	2330	5/4/2018	1950	5/6/2019	1950	5/8/2020	600
5/10/2016	2430	5/8/2017	2290	5/7/2018	1995	5/7/2019	1950	5/11/2020	615
5/11/2016	2440	5/9/2017	2270	5/8/2018	1920	5/8/2019	1935	5/12/2020	585
5/12/2016	2490	5/10/2017	2250	5/9/2018	1970	5/9/2019	1875	5/13/2020	585

5/13/2016	2550	5/12/2017	2230	5/10/2018	1970	5/10/2019	1945	5/14/2020	570
5/16/2016	2580	5/15/2017	2260	5/11/2018	2060	5/13/2019	1870	5/15/2020	575
5/17/2016	2580	5/16/2017	2280	5/14/2018	2060	5/14/2019	1840	5/18/2020	575
5/18/2016	2580	5/17/2017	2300	5/15/2018	1985	5/15/2019	1760	5/19/2020	585
5/19/2016	2450	5/18/2017	2230	5/16/2018	2020	5/16/2019	1720	5/20/2020	580
5/20/2016	2470	5/19/2017	2270	5/17/2018	2140	5/17/2019	1715	5/26/2020	600
5/23/2016	2450	5/22/2017	2420	5/18/2018	2070	5/20/2019	1665	5/27/2020	605
5/24/2016	2450	5/23/2017	2410	5/21/2018	2120	5/21/2019	1690	5/28/2020	620
5/25/2016	2510	5/24/2017	2420	5/22/2018	2190	5/22/2019	1695	5/29/2020	610
5/26/2016	2500	5/26/2017	2390	5/23/2018	2260	5/23/2019	1765		
5/27/2016	2600	5/29/2017	2380	5/24/2018	2320	5/24/2019	1760		
5/30/2016	2590	5/30/2017	2330	5/25/2018	2320	5/27/2019	1800		
5/31/2016	2510	5/31/2017	2380	5/28/2018	2340	5/28/2019	1795		
				5/29/2018	2340	5/29/2019	1760		
				5/30/2018	2310	5/30/2019	1760		
				5/31/2018	2320	5/31/2019	1810		

TPIA									
2016		2017		2018		2019		2020	
Tanggal	P	Tanggal	P	Tanggal	P	Tanggal	P	Tanggal	P
5/2/2016	979.68	5/2/2017	5232.159	5/1/2018	6050	5/1/2019	5100	5/4/2020	8625
5/3/2016	979.68	5/3/2017	5261.608	5/2/2018	6350	5/2/2019	5100	5/5/2020	8500
5/4/2016	977.7167	5/4/2017	5291.057	5/3/2018	6250	5/3/2019	5125	5/6/2020	8150
5/9/2016	977.7167	5/5/2017	5300.874	5/4/2018	6175	5/6/2019	5075	5/8/2020	8000
5/10/2016	979.68	5/8/2017	5580.642	5/7/2018	6400	5/7/2019	5225	5/11/2020	7450
5/11/2016	977.7167	5/9/2017	5399.038	5/8/2018	6150	5/8/2019	5325	5/12/2020	7275
5/12/2016	977.7167	5/10/2017	5413.763	5/9/2018	6100	5/9/2019	5400	5/13/2020	7000
5/13/2016	975.7534	5/12/2017	5384.313	5/10/2018	6100	5/10/2019	5525	5/14/2020	6700
5/16/2016	952.194	5/15/2017	5379.405	5/11/2018	6200	5/13/2019	5375	5/15/2020	6550
5/17/2016	952.194	5/16/2017	5389.222	5/14/2018	6150	5/14/2019	5150	5/18/2020	6350
5/18/2016	932.5611	5/17/2017	5457.937	5/15/2018	6050	5/15/2019	5000	5/19/2020	6550
5/19/2016	932.5611	5/18/2017	5472.661	5/16/2018	5875	5/16/2019	4980	5/20/2020	6925
5/20/2016	932.5611	5/19/2017	5507.019	5/17/2018	5875	5/17/2019	4980	5/26/2020	7150
5/23/2016	932.5611	5/22/2017	5497.202	5/18/2018	5825	5/20/2019	4990	5/27/2020	7125
5/24/2016	883.4789	5/23/2017	5183.077	5/21/2018	5825	5/21/2019	5025	5/28/2020	7300
5/25/2016	883.4789	5/24/2017	5276.333	5/22/2018	6000	5/22/2019	4930	5/29/2020	7325
5/26/2016	883.4789	5/26/2017	5310.69	5/23/2018	5950	5/23/2019	5000		

5/27/2016	883.4789	5/29/2017	5330.323	5/24/2018	5950	5/24/2019	5100		
5/30/2016	883.4789	5/30/2017	5330.323	5/25/2018	5800	5/27/2019	5075		
5/31/2016	883.4789	5/31/2017	5183.077	5/28/2018	5800	5/28/2019	5125		
				5/29/2018	5800	5/29/2019	5100		
				5/30/2018	5750	5/30/2019	5100		
				5/31/2018	5850	5/31/2019	5100		

BRPT									
2016		2017		2018		2019		2020	
Tanggal	P	Tanggal	P	Tanggal	P	Tanggal	P	Tanggal	P
5/2/2016	50.5	5/2/2017	313	5/1/2018	494	5/1/2019	806	5/4/2020	1385
5/3/2016	52	5/3/2017	315	5/2/2018	493.826	5/2/2019	820	5/5/2020	1380
5/4/2016	49.2	5/4/2017	314	5/3/2018	470	5/3/2019	814	5/6/2020	1285
5/9/2016	47	5/5/2017	313	5/4/2018	459.42	5/6/2019	778	5/8/2020	1210
5/10/2016	46	5/8/2017	341	5/7/2018	466	5/7/2019	792	5/11/2020	1220
5/11/2016	49.8	5/9/2017	342	5/8/2018	460	5/8/2019	798	5/12/2020	1260
5/12/2016	48	5/10/2017	322	5/9/2018	464	5/9/2019	798	5/13/2020	1175
5/13/2016	48.6	5/12/2017	306	5/10/2018	464	5/10/2019	798	5/14/2020	1150
5/16/2016	47.8	5/15/2017	306	5/11/2018	476	5/13/2019	798	5/15/2020	1225
5/17/2016	49.2	5/16/2017	316	5/14/2018	481.6833	5/14/2019	758	5/18/2020	1170
5/18/2016	48.6	5/17/2017	307	5/15/2018	460	5/15/2019	748	5/19/2020	1170
5/19/2016	48.6	5/18/2017	299	5/16/2018	446	5/16/2019	730	5/20/2020	1225
5/20/2016	46	5/19/2017	320	5/17/2018	452	5/17/2019	736	5/26/2020	1265
5/23/2016	46	5/22/2017	318	5/18/2018	442	5/20/2019	730	5/27/2020	1270
5/24/2016	46	5/23/2017	310	5/21/2018	426	5/21/2019	730	5/28/2020	1275
5/25/2016	47	5/24/2017	312	5/22/2018	428	5/22/2019	732	5/29/2020	1350
5/26/2016	49.4	5/26/2017	314	5/23/2018	456	5/23/2019	724		
5/27/2016	49.6	5/29/2017	315	5/24/2018	458	5/24/2019	726		
5/30/2016	49	5/30/2017	310	5/25/2018	444	5/27/2019	728		
5/31/2016	47.6	5/31/2017	323	5/28/2018	458	5/28/2019	764		
				5/29/2018	458	5/29/2019	710		
				5/30/2018	444	5/30/2019	710		
				5/31/2018	424	5/31/2019	660		

Lampiran 25. Daftar harga saham 29 emiten pada bulan Juni 2016 – 2020

ADRO									
2016		2017		2018		2019		2020	
Tanggal	P	Tanggal	P	Tanggal	P	Tanggal	P	Tanggal	P
6/1/2016	720	6/1/2017	1520	6/1/2018	1885	6/3/2019	1295	6/2/2020	1145
6/2/2016	755	6/2/2017	1470	6/4/2018	1970	6/4/2019	1295	6/3/2020	1165
6/3/2016	815	6/5/2017	1545	6/5/2018	2030	6/5/2019	1295	6/4/2020	1120
6/6/2016	840	6/6/2017	1605	6/6/2018	1985	6/6/2019	1295	6/5/2020	1100
6/7/2016	910	6/7/2017	1600	6/7/2018	1990	6/7/2019	1295	6/8/2020	1160
6/8/2016	870	6/8/2017	1575	6/8/2018	1935	6/10/2019	1285	6/9/2020	1180
6/9/2016	925	6/9/2017	1555	6/11/2018	1935	6/11/2019	1280	6/10/2020	1100
6/10/2016	890	6/12/2017	1540	6/12/2018	1935	6/12/2019	1285	6/11/2020	1070
6/13/2016	860	6/13/2017	1600	6/13/2018	1935	6/13/2019	1275	6/12/2020	1060
6/14/2016	845	6/14/2017	1660	6/14/2018	1935	6/14/2019	1235	6/15/2020	1020
6/15/2016	865	6/15/2017	1645	6/15/2018	1935	6/17/2019	1230	6/16/2020	1075
6/16/2016	845	6/16/2017	1605	6/18/2018	1935	6/18/2019	1245	6/17/2020	1070
6/17/2016	800	6/19/2017	1565	6/19/2018	1935	6/19/2019	null	6/18/2020	1030
6/20/2016	845	6/20/2017	1640	6/20/2018	2000	6/20/2019	1265	6/19/2020	1040
6/21/2016	845	6/21/2017	1595	6/21/2018	2010	6/21/2019	1225	6/22/2020	1030
6/22/2016	845	6/22/2017	1580	6/22/2018	1930	6/24/2019	1245	6/23/2020	1005
6/23/2016	850	6/23/2017	1580	6/25/2018	1870	6/25/2019	1330	6/24/2020	1045
6/24/2016	840	6/26/2017	1580	6/26/2018	1755	6/26/2019	1360	6/25/2020	1005
6/27/2016	835	6/27/2017	1580	6/27/2018	1705	6/27/2019	1385	6/26/2020	1015
6/28/2016	855	6/28/2017	1580	6/28/2018	1665	6/28/2019	1360	6/29/2020	1005
6/29/2016	855	6/29/2017	1580	6/29/2018	1790			6/30/2020	995
6/30/2016	850	6/30/2017	1580						

AKRA									
2016		2017		2018		2019		2020	
Tanggal	P	Tanggal	P	Tanggal	P	Tanggal	P	Tanggal	P
6/1/2016	6425	6/1/2017	6625	6/1/2018	4920	6/3/2019	3980	6/2/2020	2440
6/2/2016	6225	6/2/2017	6700	6/4/2018	4930	6/4/2019	3980	6/3/2020	2450
6/3/2016	6200	6/5/2017	6675	6/5/2018	4800	6/5/2019	3980	6/4/2020	2430
6/6/2016	6125	6/6/2017	6475	6/6/2018	4700	6/6/2019	3980	6/5/2020	2450
6/7/2016	6150	6/7/2017	6300	6/7/2018	4750	6/7/2019	3980	6/8/2020	2640
6/8/2016	6075	6/8/2017	6400	6/8/2018	4580	6/10/2019	4000	6/9/2020	2520
6/9/2016	6075	6/9/2017	6450	6/11/2018	4580	6/11/2019	4000	6/10/2020	2350
6/10/2016	6050	6/12/2017	6400	6/12/2018	4580	6/12/2019	4210	6/11/2020	2310

6/13/2016	6100	6/13/2017	6400	6/13/2018	4580	6/13/2019	4510	6/12/2020	2410
6/14/2016	5950	6/14/2017	6575	6/14/2018	4580	6/14/2019	4380	6/15/2020	2360
6/15/2016	5925	6/15/2017	6475	6/15/2018	4580	6/17/2019	4280	6/16/2020	2580
6/16/2016	5900	6/16/2017	6300	6/18/2018	4580	6/18/2019	4240	6/17/2020	2570
6/17/2016	5925	6/19/2017	6350	6/19/2018	4580	6/19/2019	null	6/18/2020	2540
6/20/2016	6100	6/20/2017	6500	6/20/2018	4310	6/20/2019	4270	6/19/2020	2590
6/21/2016	6125	6/21/2017	6600	6/21/2018	4150	6/21/2019	4240	6/22/2020	2530
6/22/2016	6125	6/22/2017	6525	6/22/2018	4110	6/24/2019	4120	6/23/2020	2510
6/23/2016	6175	6/23/2017	6525	6/25/2018	4280	6/25/2019	4120	6/24/2020	2600
6/24/2016	6250	6/26/2017	6525	6/26/2018	4460	6/26/2019	4090	6/25/2020	2500
6/27/2016	6225	6/27/2017	6525	6/27/2018	4450	6/27/2019	4070	6/26/2020	2530
6/28/2016	6075	6/28/2017	6525	6/28/2018	4290	6/28/2019	4090	6/29/2020	2490
6/29/2016	6350	6/29/2017	6525	6/29/2018	4300			6/30/2020	2540
6/30/2016	6400	6/30/2017	6525						

ASII									
2016		2017		2018		2019		2020	
Tanggal	P	Tanggal	P	Tanggal	P	Tanggal	P	Tanggal	P
6/1/2016	6675	6/1/2017	8750	6/1/2018	6900	6/3/2019	7450	6/2/2020	4730
6/2/2016	6500	6/2/2017	9000	6/4/2018	7000	6/4/2019	7450	6/3/2020	4890
6/3/2016	6600	6/5/2017	9000	6/5/2018	7000	6/5/2019	7450	6/4/2020	4760
6/6/2016	6850	6/6/2017	8875	6/6/2018	6975	6/6/2019	7450	6/5/2020	5000
6/7/2016	6850	6/7/2017	8900	6/7/2018	6975	6/7/2019	7450	6/8/2020	5025
6/8/2016	6900	6/8/2017	8825	6/8/2018	6900	6/10/2019	7675	6/9/2020	5000
6/9/2016	6875	6/9/2017	8650	6/11/2018	6900	6/11/2019	7625	6/10/2020	4850
6/10/2016	6625	6/12/2017	8725	6/12/2018	6900	6/12/2019	7500	6/11/2020	4700
6/13/2016	6575	6/13/2017	8800	6/13/2018	6900	6/13/2019	7500	6/12/2020	4790
6/14/2016	6700	6/14/2017	9150	6/14/2018	6900	6/14/2019	7425	6/15/2020	4740
6/15/2016	6725	6/15/2017	8900	6/15/2018	6900	6/17/2019	7375	6/16/2020	4970
6/16/2016	6575	6/16/2017	8725	6/18/2018	6900	6/18/2019	7500	6/17/2020	4970
6/17/2016	6600	6/19/2017	8725	6/19/2018	6900	6/19/2019	null	6/18/2020	4800
6/20/2016	6750	6/20/2017	8950	6/20/2018	6950	6/20/2019	7600	6/19/2020	4890
6/21/2016	6750	6/21/2017	8900	6/21/2018	6675	6/21/2019	7450	6/22/2020	4890
6/22/2016	6975	6/22/2017	8925	6/22/2018	6600	6/24/2019	7350	6/23/2020	4900
6/23/2016	6950	6/23/2017	8925	6/25/2018	6600	6/25/2019	7350	6/24/2020	5000
6/24/2016	6700	6/26/2017	8925	6/26/2018	6700	6/26/2019	7250	6/25/2020	4900
6/27/2016	6625	6/27/2017	8925	6/27/2018	6425	6/27/2019	7375	6/26/2020	4900



6/28/2016	6975	6/28/2017	8925	6/28/2018	6350	6/28/2019	7450	6/29/2020	4800
6/29/2016	7200	6/29/2017	8925	6/29/2018	6600			6/30/2020	4800
6/30/2016	7400	6/30/2017	8925						

ICBP									
2016		2017		2018		2019		2020	
Tanggal	P	Tanggal	P	Tanggal	P	Tanggal	P	Tanggal	P
6/1/2016	8062.5	6/1/2017	8700	6/1/2018	8700	6/3/2019	9800	6/2/2020	8475
6/2/2016	7937.5	6/2/2017	8700	6/4/2018	8675	6/4/2019	9800	6/3/2020	8500
6/3/2016	8037.5	6/5/2017	8800	6/5/2018	8775	6/5/2019	9800	6/4/2020	8500
6/6/2016	8150	6/6/2017	8750	6/6/2018	8850	6/6/2019	9800	6/5/2020	8625
6/7/2016	8375	6/7/2017	8725	6/7/2018	9000	6/7/2019	9800	6/8/2020	8775
6/8/2016	8350	6/8/2017	8475	6/8/2018	8850	6/10/2019	9800	6/9/2020	8900
6/9/2016	8200	6/9/2017	8400	6/11/2018	8850	6/11/2019	10150	6/10/2020	8650
6/10/2016	8162.5	6/12/2017	8475	6/12/2018	8850	6/12/2019	10150	6/11/2020	8600
6/13/2016	8075	6/13/2017	8500	6/13/2018	8850	6/13/2019	10000	6/12/2020	8600
6/14/2016	8350	6/14/2017	8750	6/14/2018	8850	6/14/2019	9975	6/15/2020	8700
6/15/2016	8287.5	6/15/2017	8750	6/15/2018	8850	6/17/2019	9950	6/16/2020	8875
6/16/2016	8350	6/16/2017	8750	6/18/2018	8850	6/18/2019	10125	6/17/2020	8950
6/17/2016	8500	6/19/2017	8675	6/19/2018	8850	6/19/2019	null	6/18/2020	8750
6/20/2016	8587.5	6/20/2017	8775	6/20/2018	8600	6/20/2019	10150	6/19/2020	8925
6/21/2016	8525	6/21/2017	8800	6/21/2018	8250	6/21/2019	10025	6/22/2020	9100
6/22/2016	8737.5	6/22/2017	8800	6/22/2018	8400	6/24/2019	9950	6/23/2020	8925
6/23/2016	8575	6/23/2017	8800	6/25/2018	8750	6/25/2019	10000	6/24/2020	9075
6/24/2016	8525	6/26/2017	8800	6/26/2018	8800	6/26/2019	10050	6/25/2020	8975
6/27/2016	8625	6/27/2017	8800	6/27/2018	8575	6/27/2019	10150	6/26/2020	9225
6/28/2016	8650	6/28/2017	8800	6/28/2018	8525	6/28/2019	10150	6/29/2020	9400
6/29/2016	8500	6/29/2017	8800	6/29/2018	8850			6/30/2020	9350
6/30/2016	8612.5	6/30/2017	8800						

INCO									
2016		2017		2018		2019		2020	
Tanggal	P	Tanggal	P	Tanggal	P	Tanggal	P	Tanggal	P
6/1/2016	1655	6/1/2017	1905	6/1/2018	3860	6/3/2019	2700	6/2/2020	2930
6/2/2016	1675	6/2/2017	1880	6/4/2018	3920	6/4/2019	2700	6/3/2020	2880

6/3/2016	1660	6/5/2017	1865	6/5/2018	4030	6/5/2019	2700	6/4/2020	2940
6/6/2016	1715	6/6/2017	1850	6/6/2018	4250	6/6/2019	2700	6/5/2020	3030
6/7/2016	1785	6/7/2017	1880	6/7/2018	4170	6/7/2019	2700	6/8/2020	3000
6/8/2016	1760	6/8/2017	1865	6/8/2018	4220	6/10/2019	2800	6/9/2020	2920
6/9/2016	1845	6/9/2017	1870	6/11/2018	4220	6/11/2019	2930	6/10/2020	2860
6/10/2016	1815	6/12/2017	1890	6/12/2018	4220	6/12/2019	2940	6/11/2020	2870
6/13/2016	1755	6/13/2017	1965	6/13/2018	4220	6/13/2019	2880	6/12/2020	2830
6/14/2016	1735	6/14/2017	1955	6/14/2018	4220	6/14/2019	2870	6/15/2020	2730
6/15/2016	1750	6/15/2017	1980	6/15/2018	4220	6/17/2019	2770	6/16/2020	3000
6/16/2016	1755	6/16/2017	1895	6/18/2018	4220	6/18/2019	2750	6/17/2020	3040
6/17/2016	1760	6/19/2017	1895	6/19/2018	4220	6/19/2019	null	6/18/2020	2920
6/20/2016	1835	6/20/2017	1895	6/20/2018	4020	6/20/2019	2940	6/19/2020	2890
6/21/2016	1815	6/21/2017	1885	6/21/2018	4030	6/21/2019	2880	6/22/2020	2860
6/22/2016	1775	6/22/2017	1850	6/22/2018	4090	6/24/2019	2920	6/23/2020	2830
6/23/2016	1765	6/23/2017	1850	6/25/2018	4170	6/25/2019	3080	6/24/2020	2820
6/24/2016	1730	6/26/2017	1850	6/26/2018	3990	6/26/2019	3050	6/25/2020	2800
6/27/2016	1750	6/27/2017	1850	6/27/2018	3960	6/27/2019	3150	6/26/2020	2810
6/28/2016	1710	6/28/2017	1850	6/28/2018	3840	6/28/2019	3120	6/29/2020	2800
6/29/2016	1805	6/29/2017	1850	6/29/2018	4040			6/30/2020	2800
6/30/2016	1820	6/30/2017	1850						

INDF									
2016		2017		2018		2019		2020	
Tanggal	P	Tanggal	P	Tanggal	P	Tanggal	P	Tanggal	P
6/1/2016	6975	6/1/2017	8750	6/1/2018	7075	6/3/2019	6600	6/2/2020	6025
6/2/2016	7125	6/2/2017	8825	6/4/2018	7025	6/4/2019	6600	6/3/2020	6200
6/3/2016	7175	6/5/2017	8875	6/5/2018	7200	6/5/2019	6600	6/4/2020	6150
6/6/2016	7325	6/6/2017	8875	6/6/2018	6975	6/6/2019	6600	6/5/2020	6150
6/7/2016	7350	6/7/2017	8925	6/7/2018	7100	6/7/2019	6600	6/8/2020	6200
6/8/2016	7325	6/8/2017	8600	6/8/2018	6950	6/10/2019	6900	6/9/2020	6300
6/9/2016	7200	6/9/2017	8500	6/11/2018	6950	6/11/2019	7050	6/10/2020	6150
6/10/2016	7300	6/12/2017	8475	6/12/2018	6950	6/12/2019	7025	6/11/2020	6100
6/13/2016	7150	6/13/2017	8475	6/13/2018	6950	6/13/2019	7025	6/12/2020	6100
6/14/2016	7150	6/14/2017	8550	6/14/2018	6950	6/14/2019	7050	6/15/2020	6200
6/15/2016	7175	6/15/2017	8500	6/15/2018	6950	6/17/2019	6900	6/16/2020	6400
6/16/2016	7050	6/16/2017	8325	6/18/2018	6950	6/18/2019	7050	6/17/2020	6550
6/17/2016	7050	6/19/2017	8325	6/19/2018	6950	6/19/2019	null	6/18/2020	6475

6/20/2016	7050	6/20/2017	8500	6/20/2018	6700	6/20/2019	7000	6/19/2020	6575
6/21/2016	7000	6/21/2017	8500	6/21/2018	6525	6/21/2019	7075	6/22/2020	6575
6/22/2016	7100	6/22/2017	8600	6/22/2018	6550	6/24/2019	7050	6/23/2020	6425
6/23/2016	7000	6/23/2017	8600	6/25/2018	6625	6/25/2019	6975	6/24/2020	6525
6/24/2016	7050	6/26/2017	8600	6/26/2018	6625	6/26/2019	6950	6/25/2020	6375
6/27/2016	7000	6/27/2017	8600	6/27/2018	6550	6/27/2019	7000	6/26/2020	6675
6/28/2016	7175	6/28/2017	8600	6/28/2018	6350	6/28/2019	7025	6/29/2020	6750
6/29/2016	7225	6/29/2017	8600	6/29/2018	6650			6/30/2020	6525
6/30/2016	7250	6/30/2017	8600						

KLB									
2016		2017		2018		2019		2020	
Tanggal	P	Tanggal	P	Tanggal	P	Tanggal	P	Tanggal	P
6/1/2016	1455	6/1/2017	1540	6/1/2018	1370	6/3/2019	1405	6/2/2020	1385
6/2/2016	1455	6/2/2017	1550	6/4/2018	1365	6/4/2019	1405	6/3/2020	1415
6/3/2016	1435	6/5/2017	1555	6/5/2018	1415	6/5/2019	1405	6/4/2020	1410
6/6/2016	1460	6/6/2017	1555	6/6/2018	1410	6/6/2019	1405	6/5/2020	1410
6/7/2016	1465	6/7/2017	1560	6/7/2018	1465	6/7/2019	1405	6/8/2020	1425
6/8/2016	1450	6/8/2017	1570	6/8/2018	1360	6/10/2019	1450	6/9/2020	1410
6/9/2016	1430	6/9/2017	1550	6/11/2018	1360	6/11/2019	1460	6/10/2020	1470
6/10/2016	1420	6/12/2017	1535	6/12/2018	1360	6/12/2019	1450	6/11/2020	1420
6/13/2016	1400	6/13/2017	1550	6/13/2018	1360	6/13/2019	1440	6/12/2020	1380
6/14/2016	1400	6/14/2017	1565	6/14/2018	1360	6/14/2019	1495	6/15/2020	1405
6/15/2016	1425	6/15/2017	1570	6/15/2018	1360	6/17/2019	1400	6/16/2020	1425
6/16/2016	1410	6/16/2017	1575	6/18/2018	1360	6/18/2019	1470	6/17/2020	1430
6/17/2016	1425	6/19/2017	1590	6/19/2018	1360	6/19/2019	1480	6/18/2020	1410
6/20/2016	1425	6/20/2017	1605	6/20/2018	1315	6/20/2019	1470	6/19/2020	1460
6/21/2016	1390	6/21/2017	1625	6/21/2018	1250	6/21/2019	1455	6/22/2020	1470
6/22/2016	1405	6/22/2017	1625	6/22/2018	1310	6/24/2019	1465	6/23/2020	1435
6/23/2016	1400	6/23/2017	1625	6/25/2018	1295	6/25/2019	1480	6/24/2020	1460
6/24/2016	1385	6/26/2017	1625	6/26/2018	1265	6/26/2019	1470	6/25/2020	1455
6/27/2016	1385	6/27/2017	1625	6/27/2018	1240	6/27/2019	1455	6/26/2020	1445
6/28/2016	1405	6/28/2017	1625	6/28/2018	1155	6/28/2019	1460	6/29/2020	1440
6/29/2016	1485	6/29/2017	1625	6/29/2018	1220			6/30/2020	1460
6/30/2016	1530	6/30/2017	1625						

PTBA									
2016		2017		2018		2019		2020	
Tanggal	P	Tanggal	P	Tanggal	P	Tanggal	P	Tanggal	P
6/1/2016	1310	6/1/2017	2180	6/1/2018	3800	6/3/2019	3060	6/2/2020	2080
6/2/2016	1395	6/2/2017	2160	6/4/2018	3960	6/4/2019	3060	6/3/2020	2110
6/3/2016	1425	6/5/2017	2165	6/5/2018	4000	6/5/2019	3060	6/4/2020	2180
6/6/2016	1480	6/6/2017	2210	6/6/2018	3910	6/6/2019	3060	6/5/2020	2210
6/7/2016	1565	6/7/2017	2275	6/7/2018	3940	6/7/2019	3060	6/8/2020	2300
6/8/2016	1530	6/8/2017	2240	6/8/2018	4070	6/10/2019	2940	6/9/2020	2390
6/9/2016	1595	6/9/2017	2250	6/11/2018	4070	6/11/2019	2930	6/10/2020	2370
6/10/2016	1560	6/12/2017	2210	6/12/2018	4070	6/12/2019	2880	6/11/2020	2280
6/13/2016	1525	6/13/2017	2240	6/13/2018	4070	6/13/2019	2840	6/12/2020	2390
6/14/2016	1480	6/14/2017	2310	6/14/2018	4070	6/14/2019	2830	6/15/2020	2360
6/15/2016	1525	6/15/2017	2280	6/15/2018	4070	6/17/2019	2820	6/16/2020	2440
6/16/2016	1485	6/16/2017	2280	6/18/2018	4070	6/18/2019	2880	6/17/2020	2470
6/17/2016	1505	6/19/2017	2285	6/19/2018	4070	6/19/2019	null	6/18/2020	2450
6/20/2016	1600	6/20/2017	2370	6/20/2018	4240	6/20/2019	2920	6/19/2020	2280
6/21/2016	1640	6/21/2017	2370	6/21/2018	4100	6/21/2019	2900	6/22/2020	2130
6/22/2016	1610	6/22/2017	2390	6/22/2018	4150	6/24/2019	2880	6/23/2020	2080
6/23/2016	1590	6/23/2017	2390	6/25/2018	4130	6/25/2019	3060	6/24/2020	2120
6/24/2016	1565	6/26/2017	2390	6/26/2018	4100	6/26/2019	2990	6/25/2020	2060
6/27/2016	1550	6/27/2017	2390	6/27/2018	4040	6/27/2019	2960	6/26/2020	2060
6/28/2016	1535	6/28/2017	2390	6/28/2018	3840	6/28/2019	2960	6/29/2020	2030
6/29/2016	1555	6/29/2017	2390	6/29/2018	3970			6/30/2020	2020
6/30/2016	1540	6/30/2017	2390						

SMGR									
2016		2017		2018		2019		2020	
Tanggal	P	Tanggal	P	Tanggal	P	Tanggal	P	Tanggal	P
6/1/2016	9100	6/1/2017	9450	6/1/2018	8400	6/3/2019	11550	6/2/2020	9725
6/2/2016	9000	6/2/2017	9325	6/4/2018	8675	6/4/2019	11550	6/3/2020	9700
6/3/2016	9025	6/5/2017	9300	6/5/2018	8800	6/5/2019	11550	6/4/2020	9600
6/6/2016	9225	6/6/2017	9300	6/6/2018	8700	6/6/2019	11550	6/5/2020	9425
6/7/2016	9325	6/7/2017	9200	6/7/2018	8725	6/7/2019	11550	6/8/2020	10150
6/8/2016	9225	6/8/2017	9025	6/8/2018	8275	6/10/2019	12175	6/9/2020	9450
6/9/2016	9000	6/9/2017	9375	6/11/2018	8275	6/11/2019	11975	6/10/2020	9225

6/10/2016	8875	6/12/2017	9650	6/12/2018	8275	6/12/2019	11600	6/11/2020	9450
6/13/2016	8850	6/13/2017	9675	6/13/2018	8275	6/13/2019	11475	6/12/2020	9400
6/14/2016	8800	6/14/2017	9850	6/14/2018	8275	6/14/2019	11450	6/15/2020	9425
6/15/2016	8900	6/15/2017	10075	6/15/2018	8275	6/17/2019	11600	6/16/2020	9725
6/16/2016	8800	6/16/2017	9850	6/18/2018	8275	6/18/2019	11450	6/17/2020	9625
6/17/2016	9050	6/19/2017	10150	6/19/2018	8275	6/19/2019	null	6/18/2020	9325
6/20/2016	9125	6/20/2017	10200	6/20/2018	8175	6/20/2019	11425	6/19/2020	9500
6/21/2016	9050	6/21/2017	10200	6/21/2018	7775	6/21/2019	11375	6/22/2020	9575
6/22/2016	8975	6/22/2017	10000	6/22/2018	7625	6/24/2019	11300	6/23/2020	9550
6/23/2016	8975	6/23/2017	10000	6/25/2018	7650	6/25/2019	11450	6/24/2020	9475
6/24/2016	8850	6/26/2017	10000	6/26/2018	7600	6/26/2019	11450	6/25/2020	9450
6/27/2016	8800	6/27/2017	10000	6/27/2018	7650	6/27/2019	11625	6/26/2020	9500
6/28/2016	8825	6/28/2017	10000	6/28/2018	7075	6/28/2019	11575	6/29/2020	9475
6/29/2016	9175	6/29/2017	10000	6/29/2018	7125			6/30/2020	9625
6/30/2016	9350	6/30/2017	10000						

TLKM									
2016		2017		2018		2019		2020	
Tanggal	P	Tanggal	P	Tanggal	P	Tanggal	P	Tanggal	P
6/1/2016	3720	6/1/2017	4350	6/1/2018	3520	6/3/2019	3900	6/2/2020	3250
6/2/2016	3770	6/2/2017	4380	6/4/2018	3640	6/4/2019	3900	6/3/2020	3290
6/3/2016	3800	6/5/2017	4340	6/5/2018	3830	6/5/2019	3900	6/4/2020	3300
6/6/2016	3880	6/6/2017	4310	6/6/2018	3790	6/6/2019	3900	6/5/2020	3230
6/7/2016	3910	6/7/2017	4320	6/7/2018	3770	6/7/2019	3900	6/8/2020	3230
6/8/2016	3790	6/8/2017	4300	6/8/2018	3610	6/10/2019	4040	6/9/2020	3140
6/9/2016	3770	6/9/2017	4330	6/11/2018	3610	6/11/2019	4020	6/10/2020	3110
6/10/2016	3750	6/12/2017	4330	6/12/2018	3610	6/12/2019	3940	6/11/2020	3080
6/13/2016	3760	6/13/2017	4360	6/13/2018	3610	6/13/2019	3990	6/12/2020	3030
6/14/2016	3770	6/14/2017	4360	6/14/2018	3610	6/14/2019	3990	6/15/2020	3090
6/15/2016	3810	6/15/2017	4360	6/15/2018	3610	6/17/2019	3900	6/16/2020	3200
6/16/2016	3880	6/16/2017	4370	6/18/2018	3610	6/18/2019	3980	6/17/2020	3210
6/17/2016	3890	6/19/2017	4400	6/19/2018	3610	6/19/2019	null	6/18/2020	3280
6/20/2016	3850	6/20/2017	4490	6/20/2018	3710	6/20/2019	4040	6/19/2020	3280
6/21/2016	3870	6/21/2017	4520	6/21/2018	3610	6/21/2019	4040	6/22/2020	3200
6/22/2016	3870	6/22/2017	4520	6/22/2018	3580	6/24/2019	3980	6/23/2020	3130
6/23/2016	3860	6/23/2017	4520	6/25/2018	3660	6/25/2019	4010	6/24/2020	3180
6/24/2016	3820	6/26/2017	4520	6/26/2018	3690	6/26/2019	3980	6/25/2020	3160

6/27/2016	3840	6/27/2017	4520	6/27/2018	3710	6/27/2019	4090	6/26/2020	3190
6/28/2016	3820	6/28/2017	4520	6/28/2018	3660	6/28/2019	4140	6/29/2020	3180
6/29/2016	3970	6/29/2017	4520	6/29/2018	3750			6/30/2020	3050
6/30/2016	3980	6/30/2017	4520						

UNTR									
2016		2017		2018		2019		2020	
Tanggal	P	Tanggal	P	Tanggal	P	Tanggal	P	Tanggal	P
6/1/2016	13950	6/1/2017	27775	6/1/2018	35050	6/3/2019	25350	6/2/2020	16375
6/2/2016	14275	6/2/2017	26550	6/4/2018	35750	6/4/2019	25350	6/3/2020	17075
6/3/2016	14425	6/5/2017	26550	6/5/2018	36500	6/5/2019	25350	6/4/2020	17000
6/6/2016	14350	6/6/2017	26950	6/6/2018	35475	6/6/2019	25350	6/5/2020	17100
6/7/2016	14300	6/7/2017	27150	6/7/2018	36175	6/7/2019	25350	6/8/2020	17550
6/8/2016	14500	6/8/2017	27200	6/8/2018	34800	6/10/2019	26550	6/9/2020	17775
6/9/2016	14150	6/9/2017	26500	6/11/2018	34800	6/11/2019	26700	6/10/2020	17225
6/10/2016	14025	6/12/2017	27075	6/12/2018	34800	6/12/2019	26775	6/11/2020	16450
6/13/2016	13850	6/13/2017	27325	6/13/2018	34800	6/13/2019	26750	6/12/2020	16450
6/14/2016	13875	6/14/2017	27700	6/14/2018	34800	6/14/2019	26900	6/15/2020	16125
6/15/2016	14050	6/15/2017	27475	6/15/2018	34800	6/17/2019	27025	6/16/2020	16950
6/16/2016	13675	6/16/2017	26500	6/18/2018	34800	6/18/2019	27200	6/17/2020	17700
6/17/2016	14000	6/19/2017	26450	6/19/2018	34800	6/19/2019	null	6/18/2020	17650
6/20/2016	13800	6/20/2017	27000	6/20/2018	33500	6/20/2019	27500	6/19/2020	17850
6/21/2016	13375	6/21/2017	27200	6/21/2018	33375	6/21/2019	27450	6/22/2020	16900
6/22/2016	13850	6/22/2017	27450	6/22/2018	32975	6/24/2019	27450	6/23/2020	16575
6/23/2016	14025	6/23/2017	27450	6/25/2018	32800	6/25/2019	27800	6/24/2020	16725
6/24/2016	14075	6/26/2017	27450	6/26/2018	32525	6/26/2019	27800	6/25/2020	16475
6/27/2016	14900	6/27/2017	27450	6/27/2018	32200	6/27/2019	28075	6/26/2020	16475
6/28/2016	14875	6/28/2017	27450	6/28/2018	31225	6/28/2019	28200	6/29/2020	16700
6/29/2016	15125	6/29/2017	27450	6/29/2018	31600			6/30/2020	16550
6/30/2016	14800	6/30/2017	27450						

UNVR									
2016		2017		2018		2019		2020	
Tanggal	P	Tanggal	P	Tanggal	P	Tanggal	P	Tanggal	P
6/1/2016	8710	6/1/2017	9235	6/1/2018	9120	6/3/2019	8900	6/2/2020	8100

6/2/2016	8650	6/2/2017	9380	6/4/2018	9080	6/4/2019	8900	6/3/2020	8225
6/3/2016	8630	6/5/2017	9435	6/5/2018	9360	6/5/2019	8900	6/4/2020	8175
6/6/2016	8640	6/6/2017	9365	6/6/2018	9240	6/6/2019	8900	6/5/2020	8050
6/7/2016	8730	6/7/2017	9440	6/7/2018	9240	6/7/2019	8900	6/8/2020	8200
6/8/2016	8760	6/8/2017	9510	6/8/2018	9080	6/10/2019	8930	6/9/2020	8300
6/9/2016	8650	6/9/2017	9510	6/11/2018	9080	6/11/2019	8860	6/10/2020	8200
6/10/2016	8600	6/12/2017	9440	6/12/2018	9080	6/12/2019	9000	6/11/2020	8200
6/13/2016	8600	6/13/2017	9580	6/13/2018	9080	6/13/2019	8980	6/12/2020	8200
6/14/2016	8700	6/14/2017	9700	6/14/2018	9080	6/14/2019	8960	6/15/2020	8275
6/15/2016	8760	6/15/2017	9770	6/15/2018	9080	6/17/2019	8960	6/16/2020	8275
6/16/2016	8715	6/16/2017	9560	6/18/2018	9080	6/18/2019	9120	6/17/2020	8275
6/17/2016	8715	6/19/2017	9520	6/19/2018	9080	6/19/2019	9180	6/18/2020	8050
6/20/2016	8720	6/20/2017	9650	6/20/2018	8855	6/20/2019	9220	6/19/2020	8050
6/21/2016	8760	6/21/2017	9800	6/21/2018	8840	6/21/2019	9060	6/22/2020	8050
6/22/2016	8680	6/22/2017	9760	6/22/2018	8840	6/24/2019	8935	6/23/2020	8000
6/23/2016	8680	6/23/2017	9760	6/25/2018	9000	6/25/2019	9045	6/24/2020	8075
6/24/2016	8700	6/26/2017	9760	6/26/2018	8910	6/26/2019	8965	6/25/2020	7900
6/27/2016	8615	6/27/2017	9760	6/27/2018	8885	6/27/2019	8970	6/26/2020	7900
6/28/2016	8720	6/28/2017	9760	6/28/2018	8910	6/28/2019	9000	6/29/2020	7925
6/29/2016	9000	6/29/2017	9760	6/29/2018	9220			6/30/2020	7900
6/30/2016	9015	6/30/2017	9760						

WIKA									
2016		2017		2018		2019		2020	
Tanggal	P	Tanggal	P	Tanggal	P	Tanggal	P	Tanggal	P
6/1/2016	2268.88	6/1/2017	2290	6/1/2018	1670	6/3/2019	2270	6/2/2020	1145
6/2/2016	2231.837	6/2/2017	2280	6/4/2018	1650	6/4/2019	2270	6/3/2020	1190
6/3/2016	2417.052	6/5/2017	2250	6/5/2018	1655	6/5/2019	2270	6/4/2020	1260
6/6/2016	2491.137	6/6/2017	2200	6/6/2018	1615	6/6/2019	2270	6/5/2020	1305
6/7/2016	2444.834	6/7/2017	2230	6/7/2018	1645	6/7/2019	2270	6/8/2020	1390
6/8/2016	2454.094	6/8/2017	2210	6/8/2018	1620	6/10/2019	2400	6/9/2020	1375
6/9/2016	2500.398	6/9/2017	2210	6/11/2018	1620	6/11/2019	2370	6/10/2020	1285
6/10/2016	2454.094	6/12/2017	2210	6/12/2018	1620	6/12/2019	2340	6/11/2020	1230
6/13/2016	2481.877	6/13/2017	2200	6/13/2018	1620	6/13/2019	2380	6/12/2020	1260
6/14/2016	2500.398	6/14/2017	2260	6/14/2018	1620	6/14/2019	2360	6/15/2020	1250
6/15/2016	2602.266	6/15/2017	2260	6/15/2018	1620	6/17/2019	2340	6/16/2020	1335
6/16/2016	2593.006	6/16/2017	2230	6/18/2018	1620	6/18/2019	2340	6/17/2020	1330

6/17/2016	2630.049	6/19/2017	2200	6/19/2018	1620	6/19/2019	null	6/18/2020	1310
6/20/2016	2685.613	6/20/2017	2220	6/20/2018	1545	6/20/2019	2410	6/19/2020	1265
6/21/2016	2731.917	6/21/2017	2240	6/21/2018	1455	6/21/2019	2340	6/22/2020	1250
6/22/2016	2731.917	6/22/2017	2210	6/22/2018	1430	6/24/2019	2350	6/23/2020	1240
6/23/2016	2648.57	6/23/2017	2210	6/25/2018	1405	6/25/2019	2350	6/24/2020	1260
6/24/2016	2648.57	6/26/2017	2210	6/26/2018	1395	6/26/2019	2340	6/25/2020	1215
6/27/2016	2694.874	6/27/2017	2210	6/27/2018	1375	6/27/2019	2420	6/26/2020	1230
6/28/2016	2731.917	6/28/2017	2210	6/28/2018	1315	6/28/2019	2430	6/29/2020	1195
6/29/2016	2741.177	6/29/2017	2210	6/29/2018	1325			6/30/2020	1200
6/30/2016	2741.177	6/30/2017	2210						

BSDE									
2016		2017		2018		2019		2020	
Tanggal	P	Tanggal	P	Tanggal	P	Tanggal	P	Tanggal	P
6/1/2016	1850	6/1/2017	1810	6/1/2018	1705	6/3/2019	1350	6/2/2020	670
6/2/2016	1840	6/2/2017	1800	6/4/2018	1700	6/4/2019	1350	6/3/2020	790
6/3/2016	1855	6/5/2017	1810	6/5/2018	1730	6/5/2019	1350	6/4/2020	760
6/6/2016	1870	6/6/2017	1780	6/6/2018	1750	6/6/2019	1350	6/5/2020	825
6/7/2016	1875	6/7/2017	1800	6/7/2018	1750	6/7/2019	1350	6/8/2020	860
6/8/2016	1880	6/8/2017	1800	6/8/2018	1720	6/10/2019	1425	6/9/2020	810
6/9/2016	1850	6/9/2017	1800	6/11/2018	1720	6/11/2019	1380	6/10/2020	755
6/10/2016	1855	6/12/2017	1765	6/12/2018	1720	6/12/2019	1355	6/11/2020	740
6/13/2016	1830	6/13/2017	1800	6/13/2018	1720	6/13/2019	1400	6/12/2020	760
6/14/2016	1835	6/14/2017	1840	6/14/2018	1720	6/14/2019	1390	6/15/2020	760
6/15/2016	1865	6/15/2017	1800	6/15/2018	1720	6/17/2019	1350	6/16/2020	810
6/16/2016	1855	6/16/2017	1780	6/18/2018	1720	6/18/2019	1420	6/17/2020	820
6/17/2016	1965	6/19/2017	1815	6/19/2018	1720	6/19/2019	null	6/18/2020	815
6/20/2016	1970	6/20/2017	1815	6/20/2018	1670	6/20/2019	1545	6/19/2020	800
6/21/2016	2090	6/21/2017	1805	6/21/2018	1615	6/21/2019	1535	6/22/2020	785
6/22/2016	2080	6/22/2017	1830	6/22/2018	1645	6/24/2019	1520	6/23/2020	770
6/23/2016	2020	6/23/2017	1830	6/25/2018	1660	6/25/2019	1460	6/24/2020	790
6/24/2016	2040	6/26/2017	1830	6/26/2018	1660	6/26/2019	1515	6/25/2020	765
6/27/2016	2100	6/27/2017	1830	6/27/2018	1650	6/27/2019	1535	6/26/2020	770
6/28/2016	2080	6/28/2017	1830	6/28/2018	1550	6/28/2019	1535	6/29/2020	750
6/29/2016	2100	6/29/2017	1830	6/29/2018	1565			6/30/2020	740
6/30/2016	2110	6/30/2017	1830						



INTP									
2016		2017		2018		2019		2020	
Tanggal	P	Tanggal	P	Tanggal	P	Tanggal	P	Tanggal	P
6/1/2016	16750	6/1/2017	18500	6/1/2018	17625	6/3/2019	21200	6/2/2020	13500
6/2/2016	16500	6/2/2017	18500	6/4/2018	17200	6/4/2019	21200	6/3/2020	13400
6/3/2016	16425	6/5/2017	18700	6/5/2018	17650	6/5/2019	21200	6/4/2020	12950
6/6/2016	16500	6/6/2017	17950	6/6/2018	17100	6/6/2019	21200	6/5/2020	12900
6/7/2016	16600	6/7/2017	17975	6/7/2018	16925	6/7/2019	21200	6/8/2020	13300
6/8/2016	16600	6/8/2017	17800	6/8/2018	16125	6/10/2019	21000	6/9/2020	12625
6/9/2016	16400	6/9/2017	17900	6/11/2018	16125	6/11/2019	20550	6/10/2020	11900
6/10/2016	16375	6/12/2017	17950	6/12/2018	16125	6/12/2019	20650	6/11/2020	12225
6/13/2016	16025	6/13/2017	17850	6/13/2018	16125	6/13/2019	20550	6/12/2020	12200
6/14/2016	16150	6/14/2017	18150	6/14/2018	16125	6/14/2019	20500	6/15/2020	11700
6/15/2016	16100	6/15/2017	18100	6/15/2018	16125	6/17/2019	20650	6/16/2020	12525
6/16/2016	15700	6/16/2017	18150	6/18/2018	16125	6/18/2019	19950	6/17/2020	12450
6/17/2016	16100	6/19/2017	18250	6/19/2018	16125	6/19/2019	null	6/18/2020	11650
6/20/2016	16125	6/20/2017	18675	6/20/2018	15050	6/20/2019	20075	6/19/2020	12250
6/21/2016	16150	6/21/2017	18700	6/21/2018	14700	6/21/2019	20250	6/22/2020	12400
6/22/2016	16050	6/22/2017	18450	6/22/2018	14150	6/24/2019	20000	6/23/2020	12075
6/23/2016	16100	6/23/2017	18450	6/25/2018	14350	6/25/2019	20100	6/24/2020	12300
6/24/2016	15850	6/26/2017	18450	6/26/2018	14300	6/26/2019	19975	6/25/2020	12100
6/27/2016	16250	6/27/2017	18450	6/27/2018	13575	6/27/2019	20450	6/26/2020	12000
6/28/2016	16025	6/28/2017	18450	6/28/2018	12875	6/28/2019	20000	6/29/2020	11775
6/29/2016	16500	6/29/2017	18450	6/29/2018	13650			6/30/2020	11800
6/30/2016	16875	6/30/2017	18450						

LPPF									
2016		2017		2018		2019		2020	
Tanggal	P	Tanggal	P	Tanggal	P	Tanggal	P	Tanggal	P
6/1/2016	18850	6/1/2017	15100	6/1/2018	9150	6/3/2019	3750	6/2/2020	1485
6/2/2016	19075	6/2/2017	15200	6/4/2018	9000	6/4/2019	3750	6/3/2020	1590
6/3/2016	18975	6/5/2017	14800	6/5/2018	9000	6/5/2019	3750	6/4/2020	1575
6/6/2016	19250	6/6/2017	14800	6/6/2018	8850	6/6/2019	3750	6/5/2020	1600
6/7/2016	19250	6/7/2017	14525	6/7/2018	8925	6/7/2019	3750	6/8/2020	1700
6/8/2016	18775	6/8/2017	14525	6/8/2018	9000	6/10/2019	3750	6/9/2020	1660

6/9/2016	18900	6/9/2017	14600	6/11/2018	9000	6/11/2019	3750	6/10/2020	1545
6/10/2016	19125	6/12/2017	14575	6/12/2018	9000	6/12/2019	3650	6/11/2020	1465
6/13/2016	18800	6/13/2017	14675	6/13/2018	9000	6/13/2019	3510	6/12/2020	1480
6/14/2016	18750	6/14/2017	14675	6/14/2018	9000	6/14/2019	3400	6/15/2020	1500
6/15/2016	18950	6/15/2017	14825	6/15/2018	9000	6/17/2019	3370	6/16/2020	1615
6/16/2016	19000	6/16/2017	14500	6/18/2018	9000	6/18/2019	3330	6/17/2020	1650
6/17/2016	19250	6/19/2017	14525	6/19/2018	9000	6/19/2019	null	6/18/2020	1620
6/20/2016	19525	6/20/2017	14550	6/20/2018	8825	6/20/2019	3440	6/19/2020	1600
6/21/2016	19925	6/21/2017	14250	6/21/2018	8575	6/21/2019	3480	6/22/2020	1580
6/22/2016	20100	6/22/2017	14175	6/22/2018	8450	6/24/2019	3390	6/23/2020	1605
6/23/2016	19625	6/23/2017	14175	6/25/2018	8250	6/25/2019	3410	6/24/2020	1605
6/24/2016	20000	6/26/2017	14175	6/26/2018	8600	6/26/2019	3450	6/25/2020	1565
6/27/2016	20000	6/27/2017	14175	6/27/2018	8475	6/27/2019	3430	6/26/2020	1565
6/28/2016	19500	6/28/2017	14175	6/28/2018	8575	6/28/2019	3450	6/29/2020	1580
6/29/2016	20150	6/29/2017	14175	6/29/2018	8800			6/30/2020	1615
6/30/2016	20000	6/30/2017	14175						

PGAS									
2016		2017		2018		2019		2020	
Tanggal	P	Tanggal	P	Tanggal	P	Tanggal	P	Tanggal	P
6/1/2016	2480	6/1/2017	2400	6/1/2018	2070	6/3/2019	2060	6/2/2020	885
6/2/2016	2400	6/2/2017	2410	6/4/2018	2190	6/4/2019	2060	6/3/2020	970
6/3/2016	2500	6/5/2017	2430	6/5/2018	2250	6/5/2019	2060	6/4/2020	955
6/6/2016	2520	6/6/2017	2390	6/6/2018	2180	6/6/2019	2060	6/5/2020	1030
6/7/2016	2530	6/7/2017	2390	6/7/2018	2200	6/7/2019	2060	6/8/2020	1110
6/8/2016	2520	6/8/2017	2380	6/8/2018	2080	6/10/2019	2050	6/9/2020	1095
6/9/2016	2480	6/9/2017	2340	6/11/2018	2080	6/11/2019	2000	6/10/2020	1040
6/10/2016	2520	6/12/2017	2350	6/12/2018	2080	6/12/2019	1985	6/11/2020	1030
6/13/2016	2480	6/13/2017	2360	6/13/2018	2080	6/13/2019	1985	6/12/2020	1045
6/14/2016	2370	6/14/2017	2430	6/14/2018	2080	6/14/2019	1960	6/15/2020	995
6/15/2016	2390	6/15/2017	2400	6/15/2018	2080	6/17/2019	1935	6/16/2020	1120
6/16/2016	2380	6/16/2017	2410	6/18/2018	2080	6/18/2019	1950	6/17/2020	1125
6/17/2016	2380	6/19/2017	2400	6/19/2018	2080	6/19/2019	null	6/18/2020	1110
6/20/2016	2400	6/20/2017	2300	6/20/2018	2040	6/20/2019	2060	6/19/2020	1080
6/21/2016	2370	6/21/2017	2290	6/21/2018	2090	6/21/2019	2050	6/22/2020	1060
6/22/2016	2420	6/22/2017	2250	6/22/2018	2030	6/24/2019	2030	6/23/2020	1095
6/23/2016	2380	6/23/2017	2250	6/25/2018	1980	6/25/2019	2020	6/24/2020	1130

6/24/2016	2380	6/26/2017	2250	6/26/2018	1945	6/26/2019	2140	6/25/2020	1090
6/27/2016	2340	6/27/2017	2250	6/27/2018	1920	6/27/2019	2100	6/26/2020	1135
6/28/2016	2320	6/28/2017	2250	6/28/2018	1820	6/28/2019	2110	6/29/2020	1150
6/29/2016	2320	6/29/2017	2250	6/29/2018	1995			6/30/2020	1135
6/30/2016	2340	6/30/2017	2250						

PTPP									
2016		2017		2018		2019		2020	
Tanggal	P	Tanggal	P	Tanggal	P	Tanggal	P	Tanggal	P
6/1/2016	3497.75	6/1/2017	3130	6/1/2018	2580	6/3/2019	1970	6/2/2020	740
6/2/2016	3469.236	6/2/2017	3150	6/4/2018	2590	6/4/2019	1970	6/3/2020	760
6/3/2016	3507.254	6/5/2017	3110	6/5/2018	2600	6/5/2019	1970	6/4/2020	820
6/6/2016	3611.807	6/6/2017	3090	6/6/2018	2610	6/6/2019	1970	6/5/2020	870
6/7/2016	3621.312	6/7/2017	3100	6/7/2018	2650	6/7/2019	1970	6/8/2020	935
6/8/2016	3573.788	6/8/2017	3080	6/8/2018	2640	6/10/2019	2020	6/9/2020	935
6/9/2016	3630.816	6/9/2017	3070	6/11/2018	2640	6/11/2019	2070	6/10/2020	890
6/10/2016	3621.312	6/12/2017	3090	6/12/2018	2640	6/12/2019	2020	6/11/2020	845
6/13/2016	3630.816	6/13/2017	3100	6/13/2018	2640	6/13/2019	2130	6/12/2020	870
6/14/2016	3564.283	6/14/2017	3180	6/14/2018	2640	6/14/2019	2090	6/15/2020	815
6/15/2016	3611.807	6/15/2017	3210	6/15/2018	2640	6/17/2019	2060	6/16/2020	870
6/16/2016	3545.273	6/16/2017	3140	6/18/2018	2640	6/18/2019	2150	6/17/2020	900
6/17/2016	3621.312	6/19/2017	3150	6/19/2018	2640	6/19/2019	null	6/18/2020	885
6/20/2016	3697.35	6/20/2017	3200	6/20/2018	2450	6/20/2019	2290	6/19/2020	860
6/21/2016	3640.321	6/21/2017	3190	6/21/2018	2320	6/21/2019	2260	6/22/2020	840
6/22/2016	3649.826	6/22/2017	3140	6/22/2018	2200	6/24/2019	2280	6/23/2020	835
6/23/2016	3630.816	6/23/2017	3140	6/25/2018	2260	6/25/2019	2240	6/24/2020	855
6/24/2016	3630.816	6/26/2017	3140	6/26/2018	2230	6/26/2019	2180	6/25/2020	845
6/27/2016	3611.807	6/27/2017	3140	6/27/2018	2180	6/27/2019	2230	6/26/2020	890
6/28/2016	3630.816	6/28/2017	3140	6/28/2018	1840	6/28/2019	2210	6/29/2020	875
6/29/2016	3744.873	6/29/2017	3140	6/29/2018	1995			6/30/2020	870
6/30/2016	3706.854	6/30/2017	3140						

SCMA									
2016		2017		2018		2019		2020	
Tanggal	P	Tanggal	P	Tanggal	P	Tanggal	P	Tanggal	P

6/1/2016	3410	6/1/2017	2910	6/1/2018	2460	6/3/2019	1650	6/2/2020	965
6/2/2016	3460	6/2/2017	2800	6/4/2018	2460	6/4/2019	1650	6/3/2020	1000
6/3/2016	3380	6/5/2017	2680	6/5/2018	2450	6/5/2019	1650	6/4/2020	960
6/6/2016	3360	6/6/2017	2610	6/6/2018	2380	6/6/2019	1650	6/5/2020	965
6/7/2016	3440	6/7/2017	2610	6/7/2018	2390	6/7/2019	1650	6/8/2020	980
6/8/2016	3340	6/8/2017	2640	6/8/2018	2300	6/10/2019	1665	6/9/2020	1005
6/9/2016	3230	6/9/2017	2740	6/11/2018	2300	6/11/2019	1660	6/10/2020	965
6/10/2016	3230	6/12/2017	2730	6/12/2018	2300	6/12/2019	1690	6/11/2020	940
6/13/2016	3170	6/13/2017	2730	6/13/2018	2300	6/13/2019	1740	6/12/2020	925
6/14/2016	3180	6/14/2017	2790	6/14/2018	2300	6/14/2019	1740	6/15/2020	925
6/15/2016	3180	6/15/2017	2800	6/15/2018	2300	6/17/2019	1730	6/16/2020	965
6/16/2016	3160	6/16/2017	2750	6/18/2018	2300	6/18/2019	1750	6/17/2020	1005
6/17/2016	3320	6/19/2017	2700	6/19/2018	2300	6/19/2019	null	6/18/2020	1005
6/20/2016	3280	6/20/2017	2670	6/20/2018	2220	6/20/2019	1700	6/19/2020	1005
6/21/2016	3330	6/21/2017	2600	6/21/2018	2220	6/21/2019	1600	6/22/2020	1020
6/22/2016	3340	6/22/2017	2590	6/22/2018	2100	6/24/2019	1585	6/23/2020	1100
6/23/2016	3340	6/23/2017	2590	6/25/2018	2220	6/25/2019	1610	6/24/2020	1095
6/24/2016	3260	6/26/2017	2590	6/26/2018	2190	6/26/2019	1605	6/25/2020	1090
6/27/2016	3240	6/27/2017	2590	6/27/2018	2170	6/27/2019	1640	6/26/2020	1165
6/28/2016	3230	6/28/2017	2590	6/28/2018	2030	6/28/2019	1610	6/29/2020	1160
6/29/2016	3300	6/29/2017	2590	6/29/2018	2060			6/30/2020	1165
6/30/2016	3300	6/30/2017	2590						

ANTM									
2016		2017		2018		2019		2020	
Tanggal	P	Tanggal	P	Tanggal	P	Tanggal	P	Tanggal	P
6/1/2016	645	6/1/2017	775	6/1/2018	865	6/3/2019	725	6/2/2020	555
6/2/2016	650	6/2/2017	760	6/4/2018	880	6/4/2019	725	6/3/2020	555
6/3/2016	650	6/5/2017	725	6/5/2018	885	6/5/2019	725	6/4/2020	570
6/6/2016	675	6/6/2017	720	6/6/2018	995	6/6/2019	725	6/5/2020	590
6/7/2016	675	6/7/2017	720	6/7/2018	945	6/7/2019	725	6/8/2020	630
6/8/2016	670	6/8/2017	715	6/8/2018	905	6/10/2019	780	6/9/2020	610
6/9/2016	730	6/9/2017	715	6/11/2018	905	6/11/2019	795	6/10/2020	595
6/10/2016	720	6/12/2017	705	6/12/2018	905	6/12/2019	785	6/11/2020	580
6/13/2016	705	6/13/2017	725	6/13/2018	905	6/13/2019	780	6/12/2020	580
6/14/2016	685	6/14/2017	740	6/14/2018	905	6/14/2019	790	6/15/2020	565
6/15/2016	695	6/15/2017	725	6/15/2018	905	6/17/2019	765	6/16/2020	610

6/16/2016	755	6/16/2017	720	6/18/2018	905	6/18/2019	775	6/17/2020	635
6/17/2016	735	6/19/2017	705	6/19/2018	905	6/19/2019	null	6/18/2020	620
6/20/2016	750	6/20/2017	710	6/20/2018	880	6/20/2019	805	6/19/2020	610
6/21/2016	735	6/21/2017	695	6/21/2018	890	6/21/2019	800	6/22/2020	605
6/22/2016	740	6/22/2017	695	6/22/2018	910	6/24/2019	795	6/23/2020	595
6/23/2016	730	6/23/2017	695	6/25/2018	890	6/25/2019	845	6/24/2020	605
6/24/2016	730	6/26/2017	695	6/26/2018	870	6/26/2019	825	6/25/2020	600
6/27/2016	735	6/27/2017	695	6/27/2018	840	6/27/2019	830	6/26/2020	605
6/28/2016	720	6/28/2017	695	6/28/2018	835	6/28/2019	845	6/29/2020	595
6/29/2016	720	6/29/2017	695	6/29/2018	890			6/30/2020	605
6/30/2016	725	6/30/2017	695						

CTRA									
2016		2017		2018		2019		2020	
Tanggal	P	Tanggal	P	Tanggal	P	Tanggal	P	Tanggal	P
6/1/2016	1371.534	6/1/2017	1120	6/1/2018	1010	6/3/2019	980	6/2/2020	605
6/2/2016	1331.779	6/2/2017	1160	6/4/2018	1035	6/4/2019	980	6/3/2020	665
6/3/2016	1366.564	6/5/2017	1170	6/5/2018	1085	6/5/2019	980	6/4/2020	660
6/6/2016	1361.595	6/6/2017	1125	6/6/2018	1090	6/6/2019	980	6/5/2020	755
6/7/2016	1351.656	6/7/2017	1120	6/7/2018	1080	6/7/2019	980	6/8/2020	770
6/8/2016	1356.626	6/8/2017	1110	6/8/2018	1085	6/10/2019	1045	6/9/2020	720
6/9/2016	1311.902	6/9/2017	1090	6/11/2018	1085	6/11/2019	1050	6/10/2020	680
6/10/2016	1292.024	6/12/2017	1110	6/12/2018	1085	6/12/2019	1045	6/11/2020	655
6/13/2016	1292.024	6/13/2017	1110	6/13/2018	1085	6/13/2019	1075	6/12/2020	685
6/14/2016	1341.718	6/14/2017	1160	6/14/2018	1085	6/14/2019	1050	6/15/2020	670
6/15/2016	1366.564	6/15/2017	1150	6/15/2018	1085	6/17/2019	1025	6/16/2020	710
6/16/2016	1371.534	6/16/2017	1115	6/18/2018	1085	6/18/2019	1095	6/17/2020	715
6/17/2016	1441.104	6/19/2017	1155	6/19/2018	1085	6/19/2019	null	6/18/2020	730
6/20/2016	1446.073	6/20/2017	1165	6/20/2018	1030	6/20/2019	1135	6/19/2020	715
6/21/2016	1451.043	6/21/2017	1165	6/21/2018	1020	6/21/2019	1180	6/22/2020	690
6/22/2016	1401.349	6/22/2017	1170	6/22/2018	1100	6/24/2019	1125	6/23/2020	645
6/23/2016	1411.288	6/23/2017	1170	6/25/2018	1150	6/25/2019	1075	6/24/2020	645
6/24/2016	1416.257	6/26/2017	1170	6/26/2018	1160	6/26/2019	1065	6/25/2020	620
6/27/2016	1460.981	6/27/2017	1170	6/27/2018	1100	6/27/2019	1120	6/26/2020	630
6/28/2016	1431.165	6/28/2017	1170	6/28/2018	1000	6/28/2019	1150	6/29/2020	615
6/29/2016	1451.043	6/29/2017	1170	6/29/2018	1020			6/30/2020	610
6/30/2016	1441.104	6/30/2017	1170						

EXCL									
2016		2017		2018		2019		2020	
Tanggal	P	Tanggal	P	Tanggal	P	Tanggal	P	Tanggal	P
6/1/2016	3600	6/1/2017	2960	6/1/2018	2100	6/3/2019	2860	6/2/2020	2570
6/2/2016	3520	6/2/2017	3040	6/4/2018	2370	6/4/2019	2860	6/3/2020	2580
6/3/2016	3470	6/5/2017	3210	6/5/2018	2540	6/5/2019	2860	6/4/2020	2650
6/6/2016	3620	6/6/2017	3340	6/6/2018	2660	6/6/2019	2860	6/5/2020	2730
6/7/2016	3750	6/7/2017	3410	6/7/2018	2560	6/7/2019	2860	6/8/2020	2700
6/8/2016	3750	6/8/2017	3280	6/8/2018	2630	6/10/2019	2940	6/9/2020	2650
6/9/2016	3710	6/9/2017	3350	6/11/2018	2630	6/11/2019	2940	6/10/2020	2640
6/10/2016	3680	6/12/2017	3380	6/12/2018	2630	6/12/2019	2900	6/11/2020	2550
6/13/2016	3640	6/13/2017	3200	6/13/2018	2630	6/13/2019	2860	6/12/2020	2560
6/14/2016	3680	6/14/2017	3410	6/14/2018	2630	6/14/2019	2860	6/15/2020	2530
6/15/2016	3600	6/15/2017	3280	6/15/2018	2630	6/17/2019	2850	6/16/2020	2610
6/16/2016	3700	6/16/2017	3160	6/18/2018	2630	6/18/2019	2910	6/17/2020	2690
6/17/2016	3800	6/19/2017	3230	6/19/2018	2630	6/19/2019	null	6/18/2020	2750
6/20/2016	3800	6/20/2017	3240	6/20/2018	2520	6/20/2019	2990	6/19/2020	2790
6/21/2016	3800	6/21/2017	3360	6/21/2018	2570	6/21/2019	2900	6/22/2020	2720
6/22/2016	3840	6/22/2017	3410	6/22/2018	2600	6/24/2019	2860	6/23/2020	2690
6/23/2016	3830	6/23/2017	3410	6/25/2018	2580	6/25/2019	2860	6/24/2020	2690
6/24/2016	3700	6/26/2017	3410	6/26/2018	2500	6/26/2019	2920	6/25/2020	2640
6/27/2016	3750	6/27/2017	3410	6/27/2018	2540	6/27/2019	2920	6/26/2020	2750
6/28/2016	3750	6/28/2017	3410	6/28/2018	2490	6/28/2019	2980	6/29/2020	2770
6/29/2016	3700	6/29/2017	3410	6/29/2018	2520			6/30/2020	2770
6/30/2016	3670	6/30/2017	3410						

JSMR									
2016		2017		2018		2019		2020	
Tanggal	P	Tanggal	P	Tanggal	P	Tanggal	P	Tanggal	P
6/1/2016	5387.383	6/1/2017	5250	6/1/2018	4450	6/3/2019	5700	6/2/2020	3820
6/2/2016	5287.616	6/2/2017	5200	6/4/2018	4630	6/4/2019	5700	6/3/2020	3940
6/3/2016	5337.5	6/5/2017	5100	6/5/2018	4700	6/5/2019	5700	6/4/2020	3870
6/6/2016	5512.091	6/6/2017	5000	6/6/2018	4580	6/6/2019	5700	6/5/2020	3890
6/7/2016	5487.149	6/7/2017	5050	6/7/2018	4660	6/7/2019	5700	6/8/2020	4130

6/8/2016	5437.266	6/8/2017	5100	6/8/2018	4610	6/10/2019	5700	6/9/2020	4070
6/9/2016	5337.5	6/9/2017	5125	6/11/2018	4610	6/11/2019	5700	6/10/2020	3900
6/10/2016	5262.675	6/12/2017	5150	6/12/2018	4610	6/12/2019	5825	6/11/2020	3760
6/13/2016	5262.675	6/13/2017	5175	6/13/2018	4610	6/13/2019	5700	6/12/2020	3980
6/14/2016	5237.733	6/14/2017	5300	6/14/2018	4610	6/14/2019	5700	6/15/2020	3890
6/15/2016	5262.675	6/15/2017	5250	6/15/2018	4610	6/17/2019	5675	6/16/2020	4150
6/16/2016	5187.85	6/16/2017	5150	6/18/2018	4610	6/18/2019	5700	6/17/2020	4150
6/17/2016	5262.675	6/19/2017	5225	6/19/2018	4610	6/19/2019	null	6/18/2020	4170
6/20/2016	5262.675	6/20/2017	5350	6/20/2018	4490	6/20/2019	6050	6/19/2020	4130
6/21/2016	5187.85	6/21/2017	5425	6/21/2018	4420	6/21/2019	5850	6/22/2020	4200
6/22/2016	5262.675	6/22/2017	5350	6/22/2018	4250	6/24/2019	5850	6/23/2020	4280
6/23/2016	5212.792	6/23/2017	5350	6/25/2018	4280	6/25/2019	5800	6/24/2020	4500
6/24/2016	5137.967	6/26/2017	5350	6/26/2018	4190	6/26/2019	5725	6/25/2020	4410
6/27/2016	5137.967	6/27/2017	5350	6/27/2018	4250	6/27/2019	5725	6/26/2020	4400
6/28/2016	5187.85	6/28/2017	5350	6/28/2018	4210	6/28/2019	5725	6/29/2020	4400
6/29/2016	5237.733	6/29/2017	5350	6/29/2018	4180			6/30/2020	4400
6/30/2016	5262.675	6/30/2017	5350						

LPKR									
2016		2017		2018		2019		2020	
Tanggal	P	Tanggal	P	Tanggal	P	Tanggal	P	Tanggal	P
6/1/2016	765.7928	6/1/2017	539.626	6/1/2018	299.9686	6/3/2019	255.5288	6/2/2020	179
6/2/2016	777.6963	6/2/2017	543.5939	6/4/2018	295.2072	6/4/2019	255.5288	6/3/2020	176
6/3/2016	769.7606	6/5/2017	543.5939	6/5/2018	293.62	6/5/2019	255.5288	6/4/2020	180
6/6/2016	785.632	6/6/2017	515.819	6/6/2018	295.2072	6/6/2019	255.5288	6/5/2020	181
6/7/2016	809.439	6/7/2017	499.9476	6/7/2018	298.3814	6/7/2019	255.5288	6/8/2020	190
6/8/2016	829.2782	6/8/2017	499.9476	6/8/2018	287.2715	6/10/2019	252.3545	6/9/2020	188
6/9/2016	801.5034	6/9/2017	503.9155	6/11/2018	287.2715	6/11/2019	249.1802	6/10/2020	178
6/10/2016	785.632	6/12/2017	507.8833	6/12/2018	287.2715	6/12/2019	246.006	6/11/2020	182
6/13/2016	765.7928	6/13/2017	503.9155	6/13/2018	287.2715	6/13/2019	244.4188	6/12/2020	173
6/14/2016	765.7928	6/14/2017	519.7868	6/14/2018	287.2715	6/14/2019	244.4188	6/15/2020	174
6/15/2016	781.6641	6/15/2017	511.8511	6/15/2018	287.2715	6/17/2019	244.4188	6/16/2020	181
6/16/2016	769.7606	6/16/2017	503.9155	6/18/2018	287.2715	6/18/2019	249.1802	6/17/2020	185
6/17/2016	749.9214	6/19/2017	503.9155	6/19/2018	287.2715	6/19/2019	252.3545	6/18/2020	183
6/20/2016	777.6963	6/20/2017	507.8833	6/20/2018	277.7487	6/20/2019	257.1159	6/19/2020	179
6/21/2016	813.4069	6/21/2017	523.7546	6/21/2018	266.6387	6/21/2019	268.2259	6/22/2020	180
6/22/2016	809.439	6/22/2017	523.7546	6/22/2018	271.4001	6/24/2019	290	6/23/2020	171

6/23/2016	833.246	6/23/2017	523.7546	6/25/2018	269.813	6/25/2019	280	6/24/2020	178
6/24/2016	849.1174	6/26/2017	523.7546	6/26/2018	277.7487	6/26/2019	280	6/25/2020	175
6/27/2016	864.9888	6/27/2017	523.7546	6/27/2018	276.1615	6/27/2019	270	6/26/2020	170
6/28/2016	841.1817	6/28/2017	523.7546	6/28/2018	269.813	6/28/2019	264	6/29/2020	171
6/29/2016	892.7636	6/29/2017	523.7546	6/29/2018	269.813			6/30/2020	171
6/30/2016	908.6349	6/30/2017	523.7546						

PWON									
2016		2017		2018		2019		2020	
Tanggal	P	Tanggal	P	Tanggal	P	Tanggal	P	Tanggal	P
6/1/2016	565	6/1/2017	610	6/1/2018	560	6/3/2019	705	6/2/2020	384
6/2/2016	555	6/2/2017	620	6/4/2018	565	6/4/2019	705	6/3/2020	412
6/3/2016	550	6/5/2017	635	6/5/2018	570	6/5/2019	705	6/4/2020	414
6/6/2016	570	6/6/2017	605	6/6/2018	585	6/6/2019	705	6/5/2020	462
6/7/2016	560	6/7/2017	625	6/7/2018	620	6/7/2019	705	6/8/2020	480
6/8/2016	550	6/8/2017	620	6/8/2018	590	6/10/2019	740	6/9/2020	454
6/9/2016	535	6/9/2017	605	6/11/2018	590	6/11/2019	750	6/10/2020	432
6/10/2016	540	6/12/2017	600	6/12/2018	590	6/12/2019	750	6/11/2020	434
6/13/2016	530	6/13/2017	605	6/13/2018	590	6/13/2019	730	6/12/2020	454
6/14/2016	530	6/14/2017	630	6/14/2018	590	6/14/2019	710	6/15/2020	434
6/15/2016	540	6/15/2017	620	6/15/2018	590	6/17/2019	710	6/16/2020	458
6/16/2016	540	6/16/2017	605	6/18/2018	590	6/18/2019	755	6/17/2020	464
6/17/2016	560	6/19/2017	610	6/19/2018	590	6/19/2019	null	6/18/2020	458
6/20/2016	585	6/20/2017	605	6/20/2018	550	6/20/2019	775	6/19/2020	446
6/21/2016	620	6/21/2017	610	6/21/2018	525	6/21/2019	770	6/22/2020	448
6/22/2016	600	6/22/2017	615	6/22/2018	530	6/24/2019	740	6/23/2020	436
6/23/2016	585	6/23/2017	615	6/25/2018	560	6/25/2019	745	6/24/2020	436
6/24/2016	585	6/26/2017	615	6/26/2018	545	6/26/2019	730	6/25/2020	424
6/27/2016	610	6/27/2017	615	6/27/2018	550	6/27/2019	750	6/26/2020	424
6/28/2016	590	6/28/2017	615	6/28/2018	530	6/28/2019	730	6/29/2020	426
6/29/2016	615	6/29/2017	615	6/29/2018	530			6/30/2020	416
6/30/2016	615	6/30/2017	615						

SMRA				
2016	2017	2018	2019	2020



Tanggal	P	Tanggal	P	Tanggal	P	Tanggal	P	Tanggal	P
6/1/2016	1635	6/1/2017	1320	6/1/2018	985	6/3/2019	1035	6/2/2020	463.1675
6/2/2016	1635	6/2/2017	1300	6/4/2018	970	6/4/2019	1035	6/3/2020	518.3988
6/3/2016	1635	6/5/2017	1335	6/5/2018	975	6/5/2019	1035	6/4/2020	513.554
6/6/2016	1650	6/6/2017	1260	6/6/2018	975	6/6/2019	1035	6/5/2020	586.2267
6/7/2016	1645	6/7/2017	1250	6/7/2018	995	6/7/2019	1035	6/8/2020	668.5891
6/8/2016	1660	6/8/2017	1225	6/8/2018	995	6/10/2019	1140	6/9/2020	624.9855
6/9/2016	1625	6/9/2017	1235	6/11/2018	995	6/11/2019	1155	6/10/2020	586.2267
6/10/2016	1580	6/12/2017	1250	6/12/2018	995	6/12/2019	1165	6/11/2020	581.3818
6/13/2016	1540	6/13/2017	1260	6/13/2018	995	6/13/2019	1235	6/12/2020	605.6061
6/14/2016	1600	6/14/2017	1300	6/14/2018	995	6/14/2019	1200	6/15/2020	566.8473
6/15/2016	1595	6/15/2017	1285	6/15/2018	995	6/17/2019	1155	6/16/2020	620.1406
6/16/2016	1585	6/16/2017	1255	6/18/2018	995	6/18/2019	1225	6/17/2020	629.8303
6/17/2016	1685	6/19/2017	1310	6/19/2018	995	6/19/2019	null	6/18/2020	654.0546
6/20/2016	1715	6/20/2017	1290	6/20/2018	920	6/20/2019	1270	6/19/2020	644.3649
6/21/2016	1760	6/21/2017	1290	6/21/2018	915	6/21/2019	1265	6/22/2020	639.52
6/22/2016	1735	6/22/2017	1290	6/22/2018	945	6/24/2019	1200	6/23/2020	605.6061
6/23/2016	1740	6/23/2017	1290	6/25/2018	990	6/25/2019	1160	6/24/2020	610.4509
6/24/2016	1725	6/26/2017	1290	6/26/2018	990	6/26/2019	1170	6/25/2020	591.0715
6/27/2016	1745	6/27/2017	1290	6/27/2018	990	6/27/2019	1205	6/26/2020	600.7612
6/28/2016	1695	6/28/2017	1290	6/28/2018	920	6/28/2019	1220	6/29/2020	581.3818
6/29/2016	1780	6/29/2017	1290	6/29/2018	905			6/30/2020	566.8473
6/30/2016	1810	6/30/2017	1290						

WSKT									
2016		2017		2018		2019		2020	
Tanggal	P	Tanggal	P	Tanggal	P	Tanggal	P	Tanggal	P
6/1/2016	2510	6/1/2017	2380	6/1/2018	2320	6/3/2019	1810	6/2/2020	630
6/2/2016	2450	6/2/2017	2350	6/4/2018	2350	6/4/2019	1810	6/3/2020	665
6/3/2016	2480	6/5/2017	2320	6/5/2018	2400	6/5/2019	1810	6/4/2020	705
6/6/2016	2410	6/6/2017	2280	6/6/2018	2410	6/6/2019	1810	6/5/2020	735
6/7/2016	2420	6/7/2017	2240	6/7/2018	2410	6/7/2019	1810	6/8/2020	785
6/8/2016	2460	6/8/2017	2250	6/8/2018	2350	6/10/2019	1885	6/9/2020	780
6/9/2016	2480	6/9/2017	2210	6/11/2018	2350	6/11/2019	1910	6/10/2020	740
6/10/2016	2440	6/12/2017	2210	6/12/2018	2350	6/12/2019	1870	6/11/2020	695
6/13/2016	2420	6/13/2017	2230	6/13/2018	2350	6/13/2019	1925	6/12/2020	730
6/14/2016	2390	6/14/2017	2350	6/14/2018	2350	6/14/2019	1920	6/15/2020	720

6/15/2016	2400	6/15/2017	2320	6/15/2018	2350	6/17/2019	1890	6/16/2020	760
6/16/2016	2380	6/16/2017	2280	6/18/2018	2350	6/18/2019	1925	6/17/2020	770
6/17/2016	2400	6/19/2017	2270	6/19/2018	2350	6/19/2019	null	6/18/2020	760
6/20/2016	2440	6/20/2017	2310	6/20/2018	2190	6/20/2019	2020	6/19/2020	745
6/21/2016	2470	6/21/2017	2320	6/21/2018	2130	6/21/2019	2000	6/22/2020	735
6/22/2016	2520	6/22/2017	2320	6/22/2018	2100	6/24/2019	1980	6/23/2020	725
6/23/2016	2490	6/23/2017	2320	6/25/2018	2090	6/25/2019	1980	6/24/2020	735
6/24/2016	2480	6/26/2017	2320	6/26/2018	2020	6/26/2019	1945	6/25/2020	715
6/27/2016	2500	6/27/2017	2320	6/27/2018	1985	6/27/2019	2000	6/26/2020	720
6/28/2016	2530	6/28/2017	2320	6/28/2018	1925	6/28/2019	2010	6/29/2020	710
6/29/2016	2540	6/29/2017	2320	6/29/2018	1925			6/30/2020	710
6/30/2016	2550	6/30/2017	2320						

TPIA									
2016		2017		2018		2019		2020	
Tanggal	P	Tanggal	P	Tanggal	P	Tanggal	P	Tanggal	P
6/1/2016	883.4789	6/1/2017	5183.077	6/1/2018	5850	6/3/2019	5100	6/2/2020	7400
6/2/2016	883.4789	6/2/2017	4903.308	6/4/2018	5575	6/4/2019	5100	6/3/2020	7300
6/3/2016	883.4789	6/5/2017	4942.574	6/5/2018	5550	6/5/2019	5100	6/4/2020	7325
6/6/2016	883.4789	6/6/2017	4952.39	6/6/2018	5450	6/6/2019	5100	6/5/2020	7175
6/7/2016	883.4789	6/7/2017	4976.931	6/7/2018	5500	6/7/2019	5100	6/8/2020	6950
6/8/2016	893.2953	6/8/2017	4976.931	6/8/2018	5800	6/10/2019	4730	6/9/2020	7075
6/9/2016	893.2953	6/9/2017	4981.839	6/11/2018	5800	6/11/2019	5000	6/10/2020	6950
6/10/2016	893.2953	6/12/2017	4996.564	6/12/2018	5800	6/12/2019	5025	6/11/2020	7000
6/13/2016	893.2953	6/13/2017	5006.381	6/13/2018	5800	6/13/2019	4880	6/12/2020	6725
6/14/2016	893.2953	6/14/2017	5011.289	6/14/2018	5800	6/14/2019	4800	6/15/2020	6600
6/15/2016	893.2953	6/15/2017	5006.381	6/15/2018	5800	6/17/2019	4870	6/16/2020	6900
6/16/2016	893.2953	6/16/2017	4908.216	6/18/2018	5800	6/18/2019	4870	6/17/2020	6850
6/17/2016	893.2953	6/19/2017	4711.888	6/19/2018	5800	6/19/2019	null	6/18/2020	6775
6/20/2016	893.2953	6/20/2017	4741.337	6/20/2018	5475	6/20/2019	4900	6/19/2020	6800
6/21/2016	867.7726	6/21/2017	4918.033	6/21/2018	5200	6/21/2019	4970	6/22/2020	6850
6/22/2016	867.7726	6/22/2017	5119.27	6/22/2018	5275	6/24/2019	4950	6/23/2020	6750
6/23/2016	867.7726	6/23/2017	5119.27	6/25/2018	5400	6/25/2019	4950	6/24/2020	6650
6/24/2016	867.7726	6/26/2017	5119.27	6/26/2018	5600	6/26/2019	4920	6/25/2020	6550
6/27/2016	867.7726	6/27/2017	5119.27	6/27/2018	5325	6/27/2019	4940	6/26/2020	6475
6/28/2016	901.1485	6/28/2017	5119.27	6/28/2018	5300	6/28/2019	4970	6/29/2020	6450
6/29/2016	901.1485	6/29/2017	5119.27	6/29/2018	5600			6/30/2020	6575

6/30/2016	903.1118	6/30/2017	5119.27						
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BRPT									
2016		2017		2018		2019		2020	
Tanggal	P	Tanggal	P	Tanggal	P	Tanggal	P	Tanggal	P
6/1/2016	47.2	6/1/2017	323	6/1/2018	424	6/3/2019	660	6/2/2020	1340
6/2/2016	47.4	6/2/2017	329	6/4/2018	426	6/4/2019	660	6/3/2020	1340
6/3/2016	47.6	6/5/2017	333	6/5/2018	434	6/5/2019	660	6/4/2020	1325
6/6/2016	47.2	6/6/2017	330	6/6/2018	438	6/6/2019	660	6/5/2020	1315
6/7/2016	47.2	6/7/2017	330	6/7/2018	430	6/7/2019	660	6/8/2020	1315
6/8/2016	47.2	6/8/2017	325	6/8/2018	438	6/10/2019	710	6/9/2020	1225
6/9/2016	46.6	6/9/2017	328	6/11/2018	438	6/11/2019	680	6/10/2020	1200
6/10/2016	47	6/12/2017	327	6/12/2018	438	6/12/2019	680	6/11/2020	1225
6/13/2016	47	6/13/2017	324	6/13/2018	438	6/13/2019	660	6/12/2020	1195
6/14/2016	47.8	6/14/2017	327	6/14/2018	438	6/14/2019	684	6/15/2020	1205
6/15/2016	47	6/15/2017	324	6/15/2018	438	6/17/2019	652	6/16/2020	1225
6/16/2016	47	6/16/2017	313	6/18/2018	438	6/18/2019	660	6/17/2020	1210
6/17/2016	47.6	6/19/2017	305	6/19/2018	438	6/19/2019	656	6/18/2020	1130
6/20/2016	47.8	6/20/2017	300	6/20/2018	428	6/20/2019	628	6/19/2020	1160
6/21/2016	49.2	6/21/2017	282	6/21/2018	428	6/21/2019	640	6/22/2020	1225
6/22/2016	48.6	6/22/2017	293	6/22/2018	432	6/24/2019	640	6/23/2020	1185
6/23/2016	48.4	6/23/2017	293	6/25/2018	432	6/25/2019	640	6/24/2020	1190
6/24/2016	48.8	6/26/2017	293	6/26/2018	438	6/26/2019	658	6/25/2020	1165
6/27/2016	49	6/27/2017	293	6/27/2018	418	6/27/2019	648	6/26/2020	1150
6/28/2016	47.8	6/28/2017	293	6/28/2018	386	6/28/2019	642	6/29/2020	1170
6/29/2016	48.4	6/29/2017	293	6/29/2018	396			6/30/2020	1160
6/30/2016	48.4	6/30/2017	293						

Lampiran 26. Daftar harga saham 29 emiten pada bulan Juli 2016 – 2020

ADRO									
2016		2017		2018		2019		2020	
Tanggal	P	Tanggal	P	Tanggal	P	Tanggal	P	Tanggal	P
7/1/2016	885	7/3/2017	1630	7/2/2018	1745	7/1/2019	1440	7/1/2020	1045
7/11/2016	925	7/4/2017	1580	7/3/2018	1720	7/2/2019	1420	7/2/2020	1050

7/12/2016	970	7/5/2017	1620	7/4/2018	1770	7/3/2019	1360	7/3/2020	1040
7/13/2016	1025	7/6/2017	1635	7/5/2018	1825	7/4/2019	1420	7/6/2020	1065
7/14/2016	1040	7/7/2017	1610	7/6/2018	1785	7/5/2019	1415	7/7/2020	1050
7/15/2016	995	7/10/2017	1595	7/9/2018	1835	7/8/2019	1380	7/8/2020	1065
7/18/2016	1030	7/11/2017	1615	7/10/2018	1865	7/9/2019	1335	7/9/2020	1095
7/19/2016	1025	7/12/2017	1665	7/11/2018	1900	7/10/2019	1345	7/10/2020	1085
7/20/2016	1035	7/13/2017	1625	7/12/2018	1870	7/11/2019	1335	7/13/2020	1155
7/21/2016	1055	7/14/2017	1665	7/13/2018	1860	7/12/2019	1280	7/14/2020	1155
7/22/2016	1050	7/17/2017	1700	7/16/2018	1800	7/15/2019	1275	7/15/2020	1130
7/25/2016	1070	7/18/2017	1695	7/17/2018	1760	7/16/2019	1285	7/16/2020	1110
7/26/2016	1060	7/19/2017	1765	7/18/2018	1865	7/17/2019	1280	7/17/2020	1155
7/27/2016	1045	7/20/2017	1820	7/19/2018	1870	7/18/2019	1300	7/20/2020	1130
7/28/2016	1060	7/21/2017	1820	7/20/2018	1825	7/19/2019	1295	7/21/2020	1135
7/29/2016	1040	7/24/2017	1835	7/23/2018	1800	7/22/2019	1285	7/22/2020	1125
		7/25/2017	1830	7/24/2018	1800	7/23/2019	1275	7/23/2020	1130
		7/26/2017	1800	7/25/2018	1880	7/24/2019	1255	7/24/2020	1090
		7/27/2017	1800	7/26/2018	1850	7/25/2019	1250	7/27/2020	1110
		7/28/2017	1825	7/27/2018	1965	7/26/2019	1230	7/28/2020	1090
		7/31/2017	1785	7/30/2018	2090	7/29/2019	1255	7/29/2020	1085
				7/31/2018	1905	7/30/2019	1295	7/30/2020	1085
						7/31/2019	1270		

AKRA									
2016		2017		2018		2019		2020	
Tanggal	P	Tanggal	P	Tanggal	P	Tanggal	P	Tanggal	P
7/1/2016	6425	7/3/2017	6575	7/2/2018	4130	7/1/2019	4080	7/1/2020	2480
7/11/2016	6725	7/4/2017	6300	7/3/2018	4040	7/2/2019	4190	7/2/2020	2480
7/12/2016	6650	7/5/2017	6275	7/4/2018	4100	7/3/2019	4250	7/3/2020	2490
7/13/2016	6550	7/6/2017	6300	7/5/2018	4130	7/4/2019	4260	7/6/2020	2500
7/14/2016	6525	7/7/2017	6325	7/6/2018	4200	7/5/2019	4150	7/7/2020	2490
7/15/2016	6550	7/10/2017	6300	7/9/2018	4300	7/8/2019	4140	7/8/2020	2490
7/18/2016	6725	7/11/2017	6300	7/10/2018	4520	7/9/2019	4140	7/9/2020	2480
7/19/2016	6800	7/12/2017	6275	7/11/2018	4610	7/10/2019	4410	7/10/2020	2420
7/20/2016	6775	7/13/2017	6350	7/12/2018	4550	7/11/2019	4310	7/13/2020	2460
7/21/2016	6525	7/14/2017	6300	7/13/2018	4540	7/12/2019	4300	7/14/2020	2450
7/22/2016	6725	7/17/2017	6300	7/16/2018	4610	7/15/2019	4250	7/15/2020	2480
7/25/2016	6900	7/18/2017	6375	7/17/2018	4700	7/16/2019	4190	7/16/2020	2480

7/26/2016	6800	7/19/2017	6325	7/18/2018	4740	7/17/2019	4180	7/17/2020	2480
7/27/2016	6875	7/20/2017	6300	7/19/2018	4730	7/18/2019	4170	7/20/2020	2460
7/28/2016	6725	7/21/2017	6300	7/20/2018	4570	7/19/2019	4290	7/21/2020	2490
7/29/2016	6750	7/24/2017	6450	7/23/2018	4530	7/22/2019	4110	7/22/2020	2700
		7/25/2017	6475	7/24/2018	4520	7/23/2019	4070	7/23/2020	2720
		7/26/2017	6450	7/25/2018	4450	7/24/2019	4090	7/24/2020	2640
		7/27/2017	6625	7/26/2018	4420	7/25/2019	4090	7/27/2020	2850
		7/28/2017	6775	7/27/2018	4420	7/26/2019	4000	7/28/2020	2820
		7/31/2017	6900	7/30/2018	4300	7/29/2019	3880	7/29/2020	2850
				7/31/2018	4210	7/30/2019	3930	7/30/2020	2880
						7/31/2019	4000		

ASII									
2016		2017		2018		2019		2020	
Tanggal	P	Tanggal	P	Tanggal	P	Tanggal	P	Tanggal	P
7/1/2016	7400	7/3/2017	8775	7/2/2018	6250	7/1/2019	7375	7/1/2020	4810
7/11/2016	7250	7/4/2017	8775	7/3/2018	6100	7/2/2019	7300	7/2/2020	4870
7/12/2016	7250	7/5/2017	8800	7/4/2018	6250	7/3/2019	7275	7/3/2020	4850
7/13/2016	7275	7/6/2017	8800	7/5/2018	6300	7/4/2019	7250	7/6/2020	4840
7/14/2016	7100	7/7/2017	8775	7/6/2018	6300	7/5/2019	7150	7/7/2020	4830
7/15/2016	7100	7/10/2017	8775	7/9/2018	6325	7/8/2019	7300	7/8/2020	4910
7/18/2016	7250	7/11/2017	8725	7/10/2018	6350	7/9/2019	7275	7/9/2020	4900
7/19/2016	7325	7/12/2017	8725	7/11/2018	6625	7/10/2019	7450	7/10/2020	4830
7/20/2016	7450	7/13/2017	8725	7/12/2018	6675	7/11/2019	7525	7/13/2020	4900
7/21/2016	7375	7/14/2017	8725	7/13/2018	6800	7/12/2019	7450	7/14/2020	4950
7/22/2016	7350	7/17/2017	8725	7/16/2018	6700	7/15/2019	7425	7/15/2020	5150
7/25/2016	7500	7/18/2017	8675	7/17/2018	6625	7/16/2019	7450	7/16/2020	5250
7/26/2016	7450	7/19/2017	8475	7/18/2018	6650	7/17/2019	7100	7/17/2020	5200
7/27/2016	7375	7/20/2017	8550	7/19/2018	6700	7/18/2019	7150	7/20/2020	5100
7/28/2016	7425	7/21/2017	8200	7/20/2018	6675	7/19/2019	7100	7/21/2020	5375
7/29/2016	7725	7/24/2017	8225	7/23/2018	6675	7/22/2019	7100	7/22/2020	5300
		7/25/2017	8100	7/24/2018	6650	7/23/2019	7150	7/23/2020	5175
		7/26/2017	8100	7/25/2018	6875	7/24/2019	7175	7/24/2020	5050
		7/27/2017	8075	7/26/2018	6675	7/25/2019	7300	7/27/2020	5125
		7/28/2017	7950	7/27/2018	6975	7/26/2019	7075	7/28/2020	5175
		7/31/2017	7975	7/30/2018	7100	7/29/2019	7175	7/29/2020	5075
				7/31/2018	7150	7/30/2019	7275	7/30/2020	5150

						7/31/2019	7000		
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ICBP									
2016		2017		2018		2019		2020	
Tanggal	P	Tanggal	P	Tanggal	P	Tanggal	P	Tanggal	P
7/1/2016	8475	7/3/2017	8800	7/2/2018	8875	7/1/2019	10125	7/1/2020	9200
7/11/2016	8712.5	7/4/2017	8800	7/3/2018	8825	7/2/2019	10125	7/2/2020	9550
7/12/2016	8700	7/5/2017	8675	7/4/2018	9075	7/3/2019	10125	7/3/2020	9425
7/13/2016	8675	7/6/2017	8525	7/5/2018	8900	7/4/2019	10100	7/6/2020	9425
7/14/2016	8500	7/7/2017	8500	7/6/2018	8700	7/5/2019	10100	7/7/2020	9500
7/15/2016	8500	7/10/2017	8500	7/9/2018	8775	7/8/2019	10025	7/8/2020	9450
7/18/2016	8462.5	7/11/2017	8475	7/10/2018	8900	7/9/2019	10100	7/9/2020	9350
7/19/2016	8562.5	7/12/2017	8525	7/11/2018	8800	7/10/2019	10125	7/10/2020	9225
7/20/2016	8725	7/13/2017	8600	7/12/2018	8825	7/11/2019	10250	7/13/2020	9250
7/21/2016	8600	7/14/2017	8700	7/13/2018	8875	7/12/2019	10275	7/14/2020	9450
7/22/2016	8687.5	7/17/2017	8650	7/16/2018	8825	7/15/2019	10375	7/15/2020	9450
7/25/2016	8775	7/18/2017	8625	7/17/2018	8675	7/16/2019	10425	7/16/2020	9575
7/26/2016	8950	7/19/2017	8500	7/18/2018	8650	7/17/2019	10625	7/17/2020	9275
7/27/2016	9000	7/20/2017	8500	7/19/2018	8600	7/18/2019	10725	7/20/2020	9325
7/28/2016	8850	7/21/2017	8475	7/20/2018	8600	7/19/2019	10850	7/21/2020	9325
7/29/2016	8600	7/24/2017	8650	7/23/2018	8675	7/22/2019	10650	7/22/2020	9375
		7/25/2017	8675	7/24/2018	8675	7/23/2019	10725	7/23/2020	9400
		7/26/2017	8625	7/25/2018	8550	7/24/2019	10575	7/24/2020	9175
		7/27/2017	8600	7/26/2018	8650	7/25/2019	10700	7/27/2020	9000
		7/28/2017	8475	7/27/2018	8600	7/26/2019	10575	7/28/2020	9050
		7/31/2017	8350	7/30/2018	8775	7/29/2019	10550	7/29/2020	9125
				7/31/2018	8725	7/30/2019	10625	7/30/2020	9200
						7/31/2019	10700		

INCO									
2016		2017		2018		2019		2020	
Tanggal	P	Tanggal	P	Tanggal	P	Tanggal	P	Tanggal	P
7/1/2016	1815	7/3/2017	1880	7/2/2018	4080	7/1/2019	3160	7/1/2020	2800
7/11/2016	1950	7/4/2017	1855	7/3/2018	4020	7/2/2019	3080	7/2/2020	2940
7/12/2016	2210	7/5/2017	1885	7/4/2018	4070	7/3/2019	2930	7/3/2020	2920

7/13/2016	2410	7/6/2017	1860	7/5/2018	4180	7/4/2019	2940	7/6/2020	3130
7/14/2016	2310	7/7/2017	1865	7/6/2018	4060	7/5/2019	2880	7/7/2020	3150
7/15/2016	2320	7/10/2017	1865	7/9/2018	4020	7/8/2019	2910	7/8/2020	3120
7/18/2016	2350	7/11/2017	1845	7/10/2018	4030	7/9/2019	2970	7/9/2020	3100
7/19/2016	2470	7/12/2017	1910	7/11/2018	4280	7/10/2019	2920	7/10/2020	3090
7/20/2016	2490	7/13/2017	1960	7/12/2018	4200	7/11/2019	3050	7/13/2020	3320
7/21/2016	2500	7/14/2017	1960	7/13/2018	4500	7/12/2019	3000	7/14/2020	3250
7/22/2016	2580	7/17/2017	2090	7/16/2018	4480	7/15/2019	3000	7/15/2020	3220
7/25/2016	2540	7/18/2017	2050	7/17/2018	4350	7/16/2019	3060	7/16/2020	3190
7/26/2016	2390	7/19/2017	2130	7/18/2018	4350	7/17/2019	3130	7/17/2020	3200
7/27/2016	2430	7/20/2017	2150	7/19/2018	4330	7/18/2019	3180	7/20/2020	3130
7/28/2016	2540	7/21/2017	2190	7/20/2018	4270	7/19/2019	3140	7/21/2020	3270
7/29/2016	2560	7/24/2017	2170	7/23/2018	4260	7/22/2019	3020	7/22/2020	3290
		7/25/2017	2300	7/24/2018	4260	7/23/2019	3050	7/23/2020	3250
		7/26/2017	2380	7/25/2018	4310	7/24/2019	3050	7/24/2020	3280
		7/27/2017	2390	7/26/2018	4350	7/25/2019	3000	7/27/2020	3470
		7/28/2017	2490	7/27/2018	4530	7/26/2019	2920	7/28/2020	3430
		7/31/2017	2420	7/30/2018	4660	7/29/2019	2910	7/29/2020	3400
				7/31/2018	4370	7/30/2019	3010	7/30/2020	3420
						7/31/2019	3030		

INDF									
2016		2017		2018		2019		2020	
Tanggal	P	Tanggal	P	Tanggal	P	Tanggal	P	Tanggal	P
7/1/2016	7025	7/3/2017	8775	7/2/2018	6525	7/1/2019	7075	7/1/2020	6550
7/11/2016	7200	7/4/2017	8750	7/3/2018	6250	7/2/2019	7125	7/2/2020	6575
7/12/2016	7200	7/5/2017	8750	7/4/2018	6425	7/3/2019	7100	7/3/2020	6675
7/13/2016	7200	7/6/2017	8750	7/5/2018	6300	7/4/2019	7050	7/6/2020	6625
7/14/2016	7100	7/7/2017	8750	7/6/2018	6200	7/5/2019	7000	7/7/2020	6575
7/15/2016	7125	7/10/2017	8600	7/9/2018	6550	7/8/2019	6925	7/8/2020	6625
7/18/2016	7250	7/11/2017	8675	7/10/2018	6650	7/9/2019	6850	7/9/2020	6550
7/19/2016	7550	7/12/2017	8700	7/11/2018	6625	7/10/2019	6900	7/10/2020	6500
7/20/2016	7475	7/13/2017	8750	7/12/2018	6550	7/11/2019	6850	7/13/2020	6575
7/21/2016	7425	7/14/2017	8775	7/13/2018	6525	7/12/2019	6775	7/14/2020	6600
7/22/2016	7350	7/17/2017	8775	7/16/2018	6525	7/15/2019	6775	7/15/2020	6525
7/25/2016	7400	7/18/2017	8775	7/17/2018	6425	7/16/2019	6900	7/16/2020	6625
7/26/2016	7650	7/19/2017	8675	7/18/2018	6400	7/17/2019	6975	7/17/2020	6550

7/27/2016	8000	7/20/2017	8775	7/19/2018	6325	7/18/2019	7050	7/20/2020	6600
7/28/2016	8450	7/21/2017	8575	7/20/2018	6275	7/19/2019	7050	7/21/2020	6675
7/29/2016	8325	7/24/2017	8725	7/23/2018	6425	7/22/2019	6950	7/22/2020	6675
		7/25/2017	8725	7/24/2018	6400	7/23/2019	7075	7/23/2020	6725
		7/26/2017	8625	7/25/2018	6350	7/24/2019	6950	7/24/2020	6475
		7/27/2017	8600	7/26/2018	6375	7/25/2019	6975	7/27/2020	6475
		7/28/2017	8600	7/27/2018	6275	7/26/2019	6675	7/28/2020	6425
		7/31/2017	8375	7/30/2018	6275	7/29/2019	6900	7/29/2020	6400
				7/31/2018	6350	7/30/2019	6900	7/30/2020	6450
						7/31/2019	7075		

KLB									
2016		2017		2018		2019		2020	
Tanggal	P	Tanggal	P	Tanggal	P	Tanggal	P	Tanggal	P
7/1/2016	1515	7/3/2017	1655	7/2/2018	1250	7/1/2019	1450	7/1/2020	1465
7/11/2016	1605	7/4/2017	1655	7/3/2018	1225	7/2/2019	1450	7/2/2020	1495
7/12/2016	1585	7/5/2017	1640	7/4/2018	1250	7/3/2019	1445	7/3/2020	1495
7/13/2016	1590	7/6/2017	1640	7/5/2018	1250	7/4/2019	1440	7/6/2020	1530
7/14/2016	1570	7/7/2017	1625	7/6/2018	1250	7/5/2019	1440	7/7/2020	1515
7/15/2016	1570	7/10/2017	1585	7/9/2018	1270	7/8/2019	1435	7/8/2020	1520
7/18/2016	1595	7/11/2017	1595	7/10/2018	1310	7/9/2019	1450	7/9/2020	1530
7/19/2016	1590	7/12/2017	1600	7/11/2018	1315	7/10/2019	1465	7/10/2020	1470
7/20/2016	1610	7/13/2017	1610	7/12/2018	1305	7/11/2019	1440	7/13/2020	1460
7/21/2016	1565	7/14/2017	1640	7/13/2018	1310	7/12/2019	1370	7/14/2020	1505
7/22/2016	1595	7/17/2017	1645	7/16/2018	1320	7/15/2019	1460	7/15/2020	1510
7/25/2016	1665	7/18/2017	1650	7/17/2018	1275	7/16/2019	1435	7/16/2020	1485
7/26/2016	1675	7/19/2017	1675	7/18/2018	1270	7/17/2019	1455	7/17/2020	1465
7/27/2016	1710	7/20/2017	1675	7/19/2018	1280	7/18/2019	1475	7/20/2020	1485
7/28/2016	1710	7/21/2017	1680	7/20/2018	1290	7/19/2019	1490	7/21/2020	1520
7/29/2016	1675	7/24/2017	1700	7/23/2018	1285	7/22/2019	1485	7/22/2020	1575
		7/25/2017	1710	7/24/2018	1315	7/23/2019	1470	7/23/2020	1615
		7/26/2017	1700	7/25/2018	1305	7/24/2019	1440	7/24/2020	1570
		7/27/2017	1710	7/26/2018	1310	7/25/2019	1475	7/27/2020	1550
		7/28/2017	1720	7/27/2018	1290	7/26/2019	1450	7/28/2020	1515
		7/31/2017	1735	7/30/2018	1320	7/29/2019	1460	7/29/2020	1525
				7/31/2018	1295	7/30/2019	1460	7/30/2020	1565
						7/31/2019	1470		



PTBA									
2016		2017		2018		2019		2020	
Tanggal	P	Tanggal	P	Tanggal	P	Tanggal	P	Tanggal	P
7/1/2016	1580	7/3/2017	2410	7/2/2018	4000	7/1/2019	3060	7/1/2020	2090
7/11/2016	1655	7/4/2017	2480	7/3/2018	4000	7/2/2019	3020	7/2/2020	2070
7/12/2016	1725	7/5/2017	2420	7/4/2018	4000	7/3/2019	3000	7/3/2020	2050
7/13/2016	1930	7/6/2017	2450	7/5/2018	4000	7/4/2019	3050	7/6/2020	2070
7/14/2016	1865	7/7/2017	2480	7/6/2018	3950	7/5/2019	3050	7/7/2020	2050
7/15/2016	1925	7/10/2017	2480	7/9/2018	4000	7/8/2019	2980	7/8/2020	2080
7/18/2016	2000	7/11/2017	2410	7/10/2018	3990	7/9/2019	2930	7/9/2020	2100
7/19/2016	1960	7/12/2017	2500	7/11/2018	4070	7/10/2019	2940	7/10/2020	2070
7/20/2016	2000	7/13/2017	2480	7/12/2018	4230	7/11/2019	2910	7/13/2020	2170
7/21/2016	1945	7/14/2017	2500	7/13/2018	4170	7/12/2019	2840	7/14/2020	2140
7/22/2016	1935	7/17/2017	2590	7/16/2018	4240	7/15/2019	2840	7/15/2020	2150
7/25/2016	2010	7/18/2017	2575	7/17/2018	4380	7/16/2019	2840	7/16/2020	2120
7/26/2016	1975	7/19/2017	2640	7/18/2018	4330	7/17/2019	2820	7/17/2020	2140
7/27/2016	1980	7/20/2017	2660	7/19/2018	4400	7/18/2019	2870	7/20/2020	2080
7/28/2016	2045	7/21/2017	2630	7/20/2018	4260	7/19/2019	2880	7/21/2020	2110
7/29/2016	1970	7/24/2017	2600	7/23/2018	4310	7/22/2019	2840	7/22/2020	2080
		7/25/2017	2620	7/24/2018	4240	7/23/2019	2830	7/23/2020	2110
		7/26/2017	2590	7/25/2018	4320	7/24/2019	2780	7/24/2020	2070
		7/27/2017	2595	7/26/2018	4430	7/25/2019	2790	7/27/2020	2080
		7/28/2017	2635	7/27/2018	4600	7/26/2019	2750	7/28/2020	2080
		7/31/2017	2620	7/30/2018	4360	7/29/2019	2700	7/29/2020	2070
				7/31/2018	4480	7/30/2019	2730	7/30/2020	2030
						7/31/2019	2740		

SMGR									
2016		2017		2018		2019		2020	
Tanggal	P	Tanggal	P	Tanggal	P	Tanggal	P	Tanggal	P
7/1/2016	9250	7/3/2017	10200	7/2/2018	6950	7/1/2019	12475	7/1/2020	9650
7/11/2016	9675	7/4/2017	10150	7/3/2018	6725	7/2/2019	12700	7/2/2020	9625
7/12/2016	9825	7/5/2017	9950	7/4/2018	6925	7/3/2019	12700	7/3/2020	9775
7/13/2016	9525	7/6/2017	10125	7/5/2018	6850	7/4/2019	12575	7/6/2020	9950

7/14/2016	9275	7/7/2017	10200	7/6/2018	6950	7/5/2019	12600	7/7/2020	9675
7/15/2016	9050	7/10/2017	10000	7/9/2018	7050	7/8/2019	12225	7/8/2020	9725
7/18/2016	8975	7/11/2017	10000	7/10/2018	7575	7/9/2019	12425	7/9/2020	9500
7/19/2016	9525	7/12/2017	10025	7/11/2018	7575	7/10/2019	12550	7/10/2020	9425
7/20/2016	9500	7/13/2017	10100	7/12/2018	7425	7/11/2019	12425	7/13/2020	9350
7/21/2016	9425	7/14/2017	10175	7/13/2018	7250	7/12/2019	12400	7/14/2020	9650
7/22/2016	9300	7/17/2017	10100	7/16/2018	7050	7/15/2019	12500	7/15/2020	9450
7/25/2016	9400	7/18/2017	10300	7/17/2018	7100	7/16/2019	12350	7/16/2020	9400
7/26/2016	9500	7/19/2017	10175	7/18/2018	7075	7/17/2019	12500	7/17/2020	9350
7/27/2016	9700	7/20/2017	10200	7/19/2018	6925	7/18/2019	12550	7/20/2020	9450
7/28/2016	9675	7/21/2017	10100	7/20/2018	7225	7/19/2019	12575	7/21/2020	9475
7/29/2016	9375	7/24/2017	10150	7/23/2018	7400	7/22/2019	12450	7/22/2020	9600
		7/25/2017	10150	7/24/2018	7625	7/23/2019	12525	7/23/2020	9450
		7/26/2017	10075	7/25/2018	7675	7/24/2019	12600	7/24/2020	9275
		7/27/2017	10050	7/26/2018	7625	7/25/2019	12475	7/27/2020	9375
		7/28/2017	10050	7/27/2018	7725	7/26/2019	12400	7/28/2020	9400
		7/31/2017	9950	7/30/2018	7850	7/29/2019	12550	7/29/2020	9475
				7/31/2018	7600	7/30/2019	12650	7/30/2020	9225
						7/31/2019	12875		

TLKM									
2016		2017		2018		2019		2020	
Tanggal	P	Tanggal	P	Tanggal	P	Tanggal	P	Tanggal	P
7/1/2016	3970	7/3/2017	4790	7/2/2018	3750	7/1/2019	4220	7/1/2020	3040
7/11/2016	4070	7/4/2017	4590	7/3/2018	3700	7/2/2019	4250	7/2/2020	3140
7/12/2016	4100	7/5/2017	4580	7/4/2018	3760	7/3/2019	4240	7/3/2020	3120
7/13/2016	4260	7/6/2017	4650	7/5/2018	3830	7/4/2019	4250	7/6/2020	3050
7/14/2016	4110	7/7/2017	4630	7/6/2018	3860	7/5/2019	4280	7/7/2020	3120
7/15/2016	4200	7/10/2017	4570	7/9/2018	3980	7/8/2019	4270	7/8/2020	3150
7/18/2016	4140	7/11/2017	4600	7/10/2018	4030	7/9/2019	4350	7/9/2020	3110
7/19/2016	4160	7/12/2017	4620	7/11/2018	4060	7/10/2019	4290	7/10/2020	3110
7/20/2016	4190	7/13/2017	4600	7/12/2018	4100	7/11/2019	4270	7/13/2020	3090
7/21/2016	4120	7/14/2017	4600	7/13/2018	4020	7/12/2019	4180	7/14/2020	3080
7/22/2016	4110	7/17/2017	4650	7/16/2018	3940	7/15/2019	4280	7/15/2020	3090
7/25/2016	4180	7/18/2017	4630	7/17/2018	3940	7/16/2019	4240	7/16/2020	3100
7/26/2016	4250	7/19/2017	4600	7/18/2018	4010	7/17/2019	4230	7/17/2020	3060
7/27/2016	4340	7/20/2017	4630	7/19/2018	3910	7/18/2019	4240	7/20/2020	3060

7/28/2016	4340	7/21/2017	4560	7/20/2018	3990	7/19/2019	4270	7/21/2020	3060
7/29/2016	4230	7/24/2017	4650	7/23/2018	4060	7/22/2019	4260	7/22/2020	3070
		7/25/2017	4720	7/24/2018	4030	7/23/2019	4250	7/23/2020	3070
		7/26/2017	4700	7/25/2018	3900	7/24/2019	4190	7/24/2020	3020
		7/27/2017	4650	7/26/2018	3930	7/25/2019	4210	7/27/2020	3040
		7/28/2017	4700	7/27/2018	3940	7/26/2019	4160	7/28/2020	3020
		7/31/2017	4690	7/30/2018	3910	7/29/2019	4200	7/29/2020	3000
				7/31/2018	3570	7/30/2019	4270	7/30/2020	3050
						7/31/2019	4300		

UNTR									
2016		2017		2018		2019		2020	
Tanggal	P	Tanggal	P	Tanggal	P	Tanggal	P	Tanggal	P
7/1/2016	14800	7/3/2017	28850	7/2/2018	32400	7/1/2019	28825	7/1/2020	17000
7/11/2016	15075	7/4/2017	28500	7/3/2018	31900	7/2/2019	28475	7/2/2020	17150
7/12/2016	15500	7/5/2017	27825	7/4/2018	32100	7/3/2019	28250	7/3/2020	17150
7/13/2016	16150	7/6/2017	28100	7/5/2018	33250	7/4/2019	27700	7/6/2020	17225
7/14/2016	15600	7/7/2017	27200	7/6/2018	33575	7/5/2019	28025	7/7/2020	17325
7/15/2016	15500	7/10/2017	27625	7/9/2018	32600	7/8/2019	27300	7/8/2020	18450
7/18/2016	16000	7/11/2017	27975	7/10/2018	33400	7/9/2019	27700	7/9/2020	18450
7/19/2016	16200	7/12/2017	27925	7/11/2018	32800	7/10/2019	28025	7/10/2020	17925
7/20/2016	16000	7/13/2017	28000	7/12/2018	32000	7/11/2019	28000	7/13/2020	18500
7/21/2016	15900	7/14/2017	28000	7/13/2018	33050	7/12/2019	27850	7/14/2020	18325
7/22/2016	15850	7/17/2017	27950	7/16/2018	33300	7/15/2019	28025	7/15/2020	18250
7/25/2016	16000	7/18/2017	27975	7/17/2018	32800	7/16/2019	27800	7/16/2020	18325
7/26/2016	15700	7/19/2017	28550	7/18/2018	33000	7/17/2019	28000	7/17/2020	18450
7/27/2016	15400	7/20/2017	28850	7/19/2018	32975	7/18/2019	27275	7/20/2020	18400
7/28/2016	15625	7/21/2017	28825	7/20/2018	32300	7/19/2019	27275	7/21/2020	19325
7/29/2016	15750	7/24/2017	28300	7/23/2018	33000	7/22/2019	26600	7/22/2020	20000
		7/25/2017	28900	7/24/2018	32900	7/23/2019	27000	7/23/2020	20075
		7/26/2017	28850	7/25/2018	34550	7/24/2019	26975	7/24/2020	19450
		7/27/2017	28950	7/26/2018	34925	7/25/2019	26950	7/27/2020	21000
		7/28/2017	29350	7/27/2018	35400	7/26/2019	26525	7/28/2020	21600
		7/31/2017	30100	7/30/2018	35925	7/29/2019	25575	7/29/2020	21500
				7/31/2018	35250	7/30/2019	25500	7/30/2020	21350
						7/31/2019	24925		

UNVR									
2016		2017		2018		2019		2020	
Tanggal	P	Tanggal	P	Tanggal	P	Tanggal	P	Tanggal	P
7/1/2016	8760	7/3/2017	9890	7/2/2018	9070	7/1/2019	9000	7/1/2020	7800
7/11/2016	9000	7/4/2017	9750	7/3/2018	8935	7/2/2019	9015	7/2/2020	8050
7/12/2016	8865	7/5/2017	9700	7/4/2018	9295	7/3/2019	8980	7/3/2020	7900
7/13/2016	8990	7/6/2017	9780	7/5/2018	9250	7/4/2019	8995	7/6/2020	7900
7/14/2016	8860	7/7/2017	9620	7/6/2018	9150	7/5/2019	8990	7/7/2020	7925
7/15/2016	8900	7/10/2017	9345	7/9/2018	9280	7/8/2019	9000	7/8/2020	8100
7/18/2016	8780	7/11/2017	9500	7/10/2018	9425	7/9/2019	9005	7/9/2020	7975
7/19/2016	8830	7/12/2017	9660	7/11/2018	9505	7/10/2019	9000	7/10/2020	7925
7/20/2016	8895	7/13/2017	9700	7/12/2018	9380	7/11/2019	8960	7/13/2020	8025
7/21/2016	8880	7/14/2017	9720	7/13/2018	9380	7/12/2019	8955	7/14/2020	8075
7/22/2016	8805	7/17/2017	9665	7/16/2018	9150	7/15/2019	8890	7/15/2020	8050
7/25/2016	8940	7/18/2017	9530	7/17/2018	9080	7/16/2019	8880	7/16/2020	8100
7/26/2016	8990	7/19/2017	9500	7/18/2018	9155	7/17/2019	8980	7/17/2020	8125
7/27/2016	9320	7/20/2017	9655	7/19/2018	8950	7/18/2019	9150	7/20/2020	8125
7/28/2016	9560	7/21/2017	9545	7/20/2018	8840	7/19/2019	9160	7/21/2020	8000
7/29/2016	9010	7/24/2017	9670	7/23/2018	8900	7/22/2019	9055	7/22/2020	8000
		7/25/2017	9610	7/24/2018	8900	7/23/2019	9110	7/23/2020	8050
		7/26/2017	9550	7/25/2018	8810	7/24/2019	9085	7/24/2020	8050
		7/27/2017	9560	7/26/2018	8785	7/25/2019	8990	7/27/2020	8075
		7/28/2017	9675	7/27/2018	8865	7/26/2019	8960	7/28/2020	8150
		7/31/2017	9790	7/30/2018	8820	7/29/2019	8640	7/29/2020	8250
				7/31/2018	8650	7/30/2019	8610	7/30/2020	8400
						7/31/2019	8720		

WIKA									
2016		2017		2018		2019		2020	
Tanggal	P	Tanggal	P	Tanggal	P	Tanggal	P	Tanggal	P
7/1/2016	2667.091	7/3/2017	2220	7/2/2018	1320	7/1/2019	2450	7/1/2020	1165
7/11/2016	2639.309	7/4/2017	2250	7/3/2018	1255	7/2/2019	2480	7/2/2020	1225
7/12/2016	2648.57	7/5/2017	2220	7/4/2018	1270	7/3/2019	2410	7/3/2020	1205
7/13/2016	2648.57	7/6/2017	2240	7/5/2018	1285	7/4/2019	2390	7/6/2020	1200
7/14/2016	2639.309	7/7/2017	2200	7/6/2018	1295	7/5/2019	2330	7/7/2020	1185

7/15/2016	2657.831	7/10/2017	2200	7/9/2018	1360	7/8/2019	2370	7/8/2020	1235
7/18/2016	2667.091	7/11/2017	2170	7/10/2018	1360	7/9/2019	2360	7/9/2020	1270
7/19/2016	2648.57	7/12/2017	2170	7/11/2018	1340	7/10/2019	2340	7/10/2020	1240
7/20/2016	2648.57	7/13/2017	2180	7/12/2018	1355	7/11/2019	2340	7/13/2020	1270
7/21/2016	2648.57	7/14/2017	2170	7/13/2018	1350	7/12/2019	2310	7/14/2020	1255
7/22/2016	2648.57	7/17/2017	2090	7/16/2018	1345	7/15/2019	2450	7/15/2020	1260
7/25/2016	2648.57	7/18/2017	2050	7/17/2018	1465	7/16/2019	2450	7/16/2020	1265
7/26/2016	2657.831	7/19/2017	1975	7/18/2018	1495	7/17/2019	2490	7/17/2020	1250
7/27/2016	2796.742	7/20/2017	2010	7/19/2018	1455	7/18/2019	2460	7/20/2020	1205
7/28/2016	2824.524	7/21/2017	1990	7/20/2018	1485	7/19/2019	2450	7/21/2020	1220
7/29/2016	2759.699	7/24/2017	2000	7/23/2018	1475	7/22/2019	2400	7/22/2020	1210
		7/25/2017	1995	7/24/2018	1485	7/23/2019	2380	7/23/2020	1255
		7/26/2017	1990	7/25/2018	1475	7/24/2019	2380	7/24/2020	1230
		7/27/2017	1995	7/26/2018	1475	7/25/2019	2380	7/27/2020	1210
		7/28/2017	2070	7/27/2018	1470	7/26/2019	2340	7/28/2020	1210
		7/31/2017	2080	7/30/2018	1570	7/29/2019	2380	7/29/2020	1205
				7/31/2018	1550	7/30/2019	2390	7/30/2020	1190
						7/31/2019	2340		

BSDE									
2016		2017		2018		2019		2020	
Tanggal	P	Tanggal	P	Tanggal	P	Tanggal	P	Tanggal	P
7/1/2016	2090	7/3/2017	1870	7/2/2018	1520	7/1/2019	1535	7/1/2020	725
7/11/2016	2140	7/4/2017	1885	7/3/2018	1475	7/2/2019	1520	7/2/2020	760
7/12/2016	2110	7/5/2017	1845	7/4/2018	1465	7/3/2019	1515	7/3/2020	740
7/13/2016	2100	7/6/2017	1870	7/5/2018	1445	7/4/2019	1545	7/6/2020	745
7/14/2016	2050	7/7/2017	1795	7/6/2018	1430	7/5/2019	1525	7/7/2020	740
7/15/2016	2000	7/10/2017	1805	7/9/2018	1470	7/8/2019	1465	7/8/2020	775
7/18/2016	2050	7/11/2017	1780	7/10/2018	1550	7/9/2019	1465	7/9/2020	765
7/19/2016	2000	7/12/2017	1790	7/11/2018	1550	7/10/2019	1480	7/10/2020	745
7/20/2016	2060	7/13/2017	1800	7/12/2018	1490	7/11/2019	1500	7/13/2020	750
7/21/2016	2040	7/14/2017	1830	7/13/2018	1440	7/12/2019	1500	7/14/2020	750
7/22/2016	2030	7/17/2017	1775	7/16/2018	1450	7/15/2019	1500	7/15/2020	750
7/25/2016	2080	7/18/2017	1755	7/17/2018	1410	7/16/2019	1500	7/16/2020	750
7/26/2016	2090	7/19/2017	1750	7/18/2018	1405	7/17/2019	1485	7/17/2020	745
7/27/2016	2080	7/20/2017	1730	7/19/2018	1395	7/18/2019	1485	7/20/2020	715
7/28/2016	2060	7/21/2017	1740	7/20/2018	1395	7/19/2019	1495	7/21/2020	735

7/29/2016	2090	7/24/2017	1760	7/23/2018	1410	7/22/2019	1455	7/22/2020	720
		7/25/2017	1760	7/24/2018	1450	7/23/2019	1460	7/23/2020	735
		7/26/2017	1760	7/25/2018	1485	7/24/2019	1410	7/24/2020	715
		7/27/2017	1770	7/26/2018	1480	7/25/2019	1400	7/27/2020	730
		7/28/2017	1750	7/27/2018	1490	7/26/2019	1340	7/28/2020	725
		7/31/2017	1790	7/30/2018	1425	7/29/2019	1375	7/29/2020	715
				7/31/2018	1350	7/30/2019	1450	7/30/2020	690
						7/31/2019	1420		

INTP									
2016		2017		2018		2019		2020	
Tanggal	P	Tanggal	P	Tanggal	P	Tanggal	P	Tanggal	P
7/1/2016	16425	7/3/2017	18675	7/2/2018	13875	7/1/2019	20675	7/1/2020	11500
7/11/2016	17100	7/4/2017	18900	7/3/2018	12900	7/2/2019	21475	7/2/2020	11850
7/12/2016	16500	7/5/2017	18625	7/4/2018	13000	7/3/2019	21450	7/3/2020	11850
7/13/2016	17150	7/6/2017	18875	7/5/2018	13800	7/4/2019	21200	7/6/2020	11950
7/14/2016	16900	7/7/2017	18375	7/6/2018	13800	7/5/2019	21000	7/7/2020	11700
7/15/2016	16750	7/10/2017	17600	7/9/2018	13900	7/8/2019	20850	7/8/2020	11900
7/18/2016	16600	7/11/2017	17275	7/10/2018	13950	7/9/2019	21750	7/9/2020	11725
7/19/2016	16600	7/12/2017	17675	7/11/2018	13500	7/10/2019	22000	7/10/2020	11600
7/20/2016	16800	7/13/2017	17600	7/12/2018	13775	7/11/2019	22000	7/13/2020	11625
7/21/2016	16375	7/14/2017	17600	7/13/2018	13675	7/12/2019	21525	7/14/2020	11675
7/22/2016	16500	7/17/2017	17900	7/16/2018	13625	7/15/2019	21700	7/15/2020	11700
7/25/2016	16600	7/18/2017	17525	7/17/2018	13325	7/16/2019	21500	7/16/2020	11975
7/26/2016	16500	7/19/2017	17350	7/18/2018	13500	7/17/2019	21250	7/17/2020	12175
7/27/2016	16975	7/20/2017	17700	7/19/2018	13600	7/18/2019	21825	7/20/2020	12000
7/28/2016	17200	7/21/2017	17400	7/20/2018	13650	7/19/2019	22175	7/21/2020	12300
7/29/2016	17075	7/24/2017	18100	7/23/2018	13700	7/22/2019	22300	7/22/2020	12275
		7/25/2017	17975	7/24/2018	14525	7/23/2019	22375	7/23/2020	12400
		7/26/2017	17525	7/25/2018	14900	7/24/2019	22300	7/24/2020	12225
		7/27/2017	17475	7/26/2018	14900	7/25/2019	22875	7/27/2020	12300
		7/28/2017	17650	7/27/2018	14600	7/26/2019	22150	7/28/2020	12350
		7/31/2017	17500	7/30/2018	14900	7/29/2019	22250	7/29/2020	12400
				7/31/2018	14125	7/30/2019	22425	7/30/2020	12375
						7/31/2019	22475		

LPPF									
2016		2017		2018		2019		2020	
Tanggal	P	Tanggal	P	Tanggal	P	Tanggal	P	Tanggal	P
7/1/2016	19750	7/3/2017	14200	7/2/2018	8800	7/1/2019	3440	7/1/2020	1595
7/11/2016	20750	7/4/2017	13800	7/3/2018	8500	7/2/2019	3540	7/2/2020	1520
7/12/2016	20800	7/5/2017	13300	7/4/2018	8650	7/3/2019	3410	7/3/2020	1475
7/13/2016	21275	7/6/2017	13300	7/5/2018	8800	7/4/2019	3350	7/6/2020	1485
7/14/2016	20825	7/7/2017	12800	7/6/2018	8675	7/5/2019	3340	7/7/2020	1410
7/15/2016	21500	7/10/2017	12350	7/9/2018	8450	7/8/2019	3320	7/8/2020	1385
7/18/2016	20850	7/11/2017	12075	7/10/2018	8500	7/9/2019	3310	7/9/2020	1425
7/19/2016	20975	7/12/2017	11950	7/11/2018	8175	7/10/2019	3270	7/10/2020	1380
7/20/2016	21050	7/13/2017	12100	7/12/2018	7975	7/11/2019	3270	7/13/2020	1405
7/21/2016	21000	7/14/2017	12150	7/13/2018	8150	7/12/2019	3260	7/14/2020	1385
7/22/2016	21000	7/17/2017	12625	7/16/2018	8150	7/15/2019	3260	7/15/2020	1380
7/25/2016	21150	7/18/2017	12600	7/17/2018	8025	7/16/2019	3270	7/16/2020	1380
7/26/2016	21000	7/19/2017	13000	7/18/2018	8175	7/17/2019	3270	7/17/2020	1350
7/27/2016	21500	7/20/2017	12350	7/19/2018	8400	7/18/2019	3250	7/20/2020	1295
7/28/2016	20800	7/21/2017	12150	7/20/2018	8700	7/19/2019	3250	7/21/2020	1510
7/29/2016	19925	7/24/2017	12575	7/23/2018	9300	7/22/2019	3260	7/22/2020	1450
		7/25/2017	12975	7/24/2018	9450	7/23/2019	3480	7/23/2020	1425
		7/26/2017	13000	7/25/2018	9450	7/24/2019	3790	7/24/2020	1400
		7/27/2017	13000	7/26/2018	9550	7/25/2019	3800	7/27/2020	1325
		7/28/2017	12200	7/27/2018	9450	7/26/2019	3700	7/28/2020	1330
		7/31/2017	12675	7/30/2018	9500	7/29/2019	3770	7/29/2020	1315
				7/31/2018	8025	7/30/2019	3840	7/30/2020	1305
						7/31/2019	3730		

PGAS									
2016		2017		2018		2019		2020	
Tanggal	P	Tanggal	P	Tanggal	P	Tanggal	P	Tanggal	P
7/1/2016	2340	7/3/2017	2350	7/2/2018	1950	7/1/2019	2130	7/1/2020	1135
7/11/2016	2400	7/4/2017	2330	7/3/2018	1630	7/2/2019	2110	7/2/2020	1125
7/12/2016	2520	7/5/2017	2340	7/4/2018	1610	7/3/2019	2100	7/3/2020	1110
7/13/2016	2520	7/6/2017	2370	7/5/2018	1525	7/4/2019	2130	7/6/2020	1135
7/14/2016	2510	7/7/2017	2340	7/6/2018	1565	7/5/2019	2100	7/7/2020	1140
7/15/2016	2660	7/10/2017	2350	7/9/2018	1635	7/8/2019	2080	7/8/2020	1170

7/18/2016	3100	7/11/2017	2300	7/10/2018	1585	7/9/2019	2060	7/9/2020	1160
7/19/2016	3000	7/12/2017	2300	7/11/2018	1545	7/10/2019	2120	7/10/2020	1135
7/20/2016	2930	7/13/2017	2260	7/12/2018	1620	7/11/2019	2090	7/13/2020	1160
7/21/2016	2890	7/14/2017	2250	7/13/2018	1685	7/12/2019	2060	7/14/2020	1165
7/22/2016	2970	7/17/2017	2210	7/16/2018	1640	7/15/2019	2130	7/15/2020	1155
7/25/2016	2970	7/18/2017	2220	7/17/2018	1725	7/16/2019	2130	7/16/2020	1160
7/26/2016	3110	7/19/2017	2220	7/18/2018	1720	7/17/2019	2110	7/17/2020	1160
7/27/2016	3240	7/20/2017	2230	7/19/2018	1675	7/18/2019	2100	7/20/2020	1140
7/28/2016	3380	7/21/2017	2210	7/20/2018	1695	7/19/2019	2060	7/21/2020	1155
7/29/2016	3290	7/24/2017	2210	7/23/2018	1675	7/22/2019	2050	7/22/2020	1220
		7/25/2017	2250	7/24/2018	1720	7/23/2019	2050	7/23/2020	1245
		7/26/2017	2210	7/25/2018	1725	7/24/2019	2010	7/24/2020	1220
		7/27/2017	2240	7/26/2018	1680	7/25/2019	2000	7/27/2020	1230
		7/28/2017	2260	7/27/2018	1695	7/26/2019	1970	7/28/2020	1220
		7/31/2017	2250	7/30/2018	1710	7/29/2019	1980	7/29/2020	1230
				7/31/2018	1700	7/30/2019	2010	7/30/2020	1265
						7/31/2019	2050		

PTPP									
2016		2017		2018		2019		2020	
Tanggal	P	Tanggal	P	Tanggal	P	Tanggal	P	Tanggal	P
7/1/2016	3621.312	7/3/2017	3230	7/2/2018	2030	7/1/2019	2210	7/1/2020	880
7/11/2016	3706.854	7/4/2017	3360	7/3/2018	1995	7/2/2019	2180	7/2/2020	980
7/12/2016	3706.854	7/5/2017	3330	7/4/2018	1995	7/3/2019	2150	7/3/2020	955
7/13/2016	3668.835	7/6/2017	3330	7/5/2018	2010	7/4/2019	2100	7/6/2020	1020
7/14/2016	3611.807	7/7/2017	3310	7/6/2018	2040	7/5/2019	2090	7/7/2020	990
7/15/2016	3592.797	7/10/2017	3200	7/9/2018	2180	7/8/2019	2080	7/8/2020	1005
7/18/2016	3621.312	7/11/2017	3180	7/10/2018	2200	7/9/2019	2090	7/9/2020	995
7/19/2016	3706.854	7/12/2017	3150	7/11/2018	2120	7/10/2019	2150	7/10/2020	985
7/20/2016	3792.397	7/13/2017	3120	7/12/2018	2060	7/11/2019	2150	7/13/2020	995
7/21/2016	3877.94	7/14/2017	3120	7/13/2018	2030	7/12/2019	2160	7/14/2020	980
7/22/2016	3773.388	7/17/2017	2990	7/16/2018	1985	7/15/2019	2250	7/15/2020	990
7/25/2016	3763.883	7/18/2017	3000	7/17/2018	2100	7/16/2019	2220	7/16/2020	995
7/26/2016	3735.369	7/19/2017	2960	7/18/2018	2180	7/17/2019	2240	7/17/2020	985
7/27/2016	3792.397	7/20/2017	3080	7/19/2018	2110	7/18/2019	2200	7/20/2020	960
7/28/2016	3792.397	7/21/2017	3070	7/20/2018	2100	7/19/2019	2160	7/21/2020	1000
7/29/2016	3668.835	7/24/2017	2990	7/23/2018	2110	7/22/2019	2130	7/22/2020	985



		7/25/2017	2940	7/24/2018	2120	7/23/2019	2110	7/23/2020	1070
		7/26/2017	2950	7/25/2018	2140	7/24/2019	2110	7/24/2020	1045
		7/27/2017	2870	7/26/2018	2150	7/25/2019	2120	7/27/2020	1000
		7/28/2017	3070	7/27/2018	2160	7/26/2019	2080	7/28/2020	995
		7/31/2017	3030	7/30/2018	2280	7/29/2019	2100	7/29/2020	1005
				7/31/2018	2080	7/30/2019	2160	7/30/2020	975
						7/31/2019	2150		

SCMA									
2016		2017		2018		2019		2020	
Tanggal	P	Tanggal	P	Tanggal	P	Tanggal	P	Tanggal	P
7/1/2016	3220	7/3/2017	2630	7/2/2018	2100	7/1/2019	1630	7/1/2020	1165
7/11/2016	3280	7/4/2017	2540	7/3/2018	2060	7/2/2019	1645	7/2/2020	1165
7/12/2016	3290	7/5/2017	2350	7/4/2018	2060	7/3/2019	1630	7/3/2020	1195
7/13/2016	3290	7/6/2017	2360	7/5/2018	2030	7/4/2019	1625	7/6/2020	1250
7/14/2016	3280	7/7/2017	2370	7/6/2018	2000	7/5/2019	1595	7/7/2020	1245
7/15/2016	3200	7/10/2017	2350	7/9/2018	2100	7/8/2019	1580	7/8/2020	1240
7/18/2016	3190	7/11/2017	2300	7/10/2018	2220	7/9/2019	1600	7/9/2020	1225
7/19/2016	3200	7/12/2017	2340	7/11/2018	2210	7/10/2019	1600	7/10/2020	1235
7/20/2016	3190	7/13/2017	2280	7/12/2018	2190	7/11/2019	1530	7/13/2020	1235
7/21/2016	3200	7/14/2017	2250	7/13/2018	2180	7/12/2019	1515	7/14/2020	1240
7/22/2016	3170	7/17/2017	2260	7/16/2018	2160	7/15/2019	1510	7/15/2020	1235
7/25/2016	3270	7/18/2017	2220	7/17/2018	2190	7/16/2019	1510	7/16/2020	1215
7/26/2016	3250	7/19/2017	2300	7/18/2018	2190	7/17/2019	1500	7/17/2020	1235
7/27/2016	3290	7/20/2017	2270	7/19/2018	2170	7/18/2019	1515	7/20/2020	1220
7/28/2016	3300	7/21/2017	2250	7/20/2018	2120	7/19/2019	1510	7/21/2020	1225
7/29/2016	3160	7/24/2017	2280	7/23/2018	2120	7/22/2019	1460	7/22/2020	1225
		7/25/2017	2290	7/24/2018	2050	7/23/2019	1430	7/23/2020	1270
		7/26/2017	2170	7/25/2018	2010	7/24/2019	1415	7/24/2020	1275
		7/27/2017	2270	7/26/2018	2040	7/25/2019	1455	7/27/2020	1305
		7/28/2017	2240	7/27/2018	2040	7/26/2019	1440	7/28/2020	1305
		7/31/2017	2360	7/30/2018	2030	7/29/2019	1440	7/29/2020	1280
				7/31/2018	2050	7/30/2019	1425	7/30/2020	1285
						7/31/2019	1550		

ANTM									
2016		2017		2018		2019		2020	
Tanggal	P	Tanggal	P	Tanggal	P	Tanggal	P	Tanggal	P
7/1/2016	715	7/3/2017	700	7/2/2018	820	7/1/2019	850	7/1/2020	600
7/11/2016	740	7/4/2017	705	7/3/2018	800	7/2/2019	840	7/2/2020	610
7/12/2016	760	7/5/2017	700	7/4/2018	805	7/3/2019	815	7/3/2020	600
7/13/2016	795	7/6/2017	695	7/5/2018	800	7/4/2019	820	7/6/2020	640
7/14/2016	780	7/7/2017	710	7/6/2018	780	7/5/2019	810	7/7/2020	650
7/15/2016	780	7/10/2017	710	7/9/2018	800	7/8/2019	825	7/8/2020	660
7/18/2016	840	7/11/2017	695	7/10/2018	810	7/9/2019	825	7/9/2020	650
7/19/2016	820	7/12/2017	700	7/11/2018	845	7/10/2019	820	7/10/2020	645
7/20/2016	815	7/13/2017	700	7/12/2018	860	7/11/2019	850	7/13/2020	675
7/21/2016	800	7/14/2017	695	7/13/2018	910	7/12/2019	845	7/14/2020	660
7/22/2016	810	7/17/2017	720	7/16/2018	900	7/15/2019	880	7/15/2020	655
7/25/2016	810	7/18/2017	715	7/17/2018	880	7/16/2019	895	7/16/2020	650
7/26/2016	805	7/19/2017	725	7/18/2018	885	7/17/2019	900	7/17/2020	660
7/27/2016	805	7/20/2017	715	7/19/2018	875	7/18/2019	950	7/20/2020	650
7/28/2016	805	7/21/2017	705	7/20/2018	870	7/19/2019	940	7/21/2020	685
7/29/2016	795	7/24/2017	700	7/23/2018	885	7/22/2019	960	7/22/2020	685
		7/25/2017	700	7/24/2018	885	7/23/2019	940	7/23/2020	690
		7/26/2017	720	7/25/2018	880	7/24/2019	945	7/24/2020	685
		7/27/2017	715	7/26/2018	890	7/25/2019	930	7/27/2020	725
		7/28/2017	690	7/27/2018	900	7/26/2019	890	7/28/2020	720
		7/31/2017	690	7/30/2018	955	7/29/2019	895	7/29/2020	730
				7/31/2018	915	7/30/2019	935	7/30/2020	730
						7/31/2019	935		

CTRA									
2016		2017		2018		2019		2020	
Tanggal	P	Tanggal	P	Tanggal	P	Tanggal	P	Tanggal	P
7/1/2016	1411.288	7/3/2017	1180	7/2/2018	975	7/1/2019	1165	7/1/2020	605
7/11/2016	1451.043	7/4/2017	1180	7/3/2018	970	7/2/2019	1150	7/2/2020	645
7/12/2016	1441.104	7/5/2017	1195	7/4/2018	965	7/3/2019	1130	7/3/2020	620
7/13/2016	1465	7/6/2017	1200	7/5/2018	945	7/4/2019	1160	7/6/2020	615
7/14/2016	1500	7/7/2017	1185	7/6/2018	940	7/5/2019	1145	7/7/2020	615
7/15/2016	1450	7/10/2017	1185	7/9/2018	1010	7/8/2019	1105	7/8/2020	640
7/18/2016	1450	7/11/2017	1200	7/10/2018	990	7/9/2019	1095	7/9/2020	675

7/19/2016	1420	7/12/2017	1235	7/11/2018	990	7/10/2019	1125	7/10/2020	650
7/20/2016	1435	7/13/2017	1225	7/12/2018	1000	7/11/2019	1185	7/13/2020	660
7/21/2016	1420	7/14/2017	1230	7/13/2018	1010	7/12/2019	1190	7/14/2020	645
7/22/2016	1415	7/17/2017	1235	7/16/2018	995	7/15/2019	1205	7/15/2020	665
7/25/2016	1410	7/18/2017	1180	7/17/2018	1000	7/16/2019	1185	7/16/2020	655
7/26/2016	1430	7/19/2017	1190	7/18/2018	1005	7/17/2019	1180	7/17/2020	645
7/27/2016	1430	7/20/2017	1135	7/19/2018	1020	7/18/2019	1170	7/20/2020	625
7/28/2016	1450	7/21/2017	1110	7/20/2018	1025	7/19/2019	1190	7/21/2020	655
7/29/2016	1405	7/24/2017	1115	7/23/2018	1030	7/22/2019	1200	7/22/2020	645
		7/25/2017	1080	7/24/2018	1070	7/23/2019	1240	7/23/2020	660
		7/26/2017	1075	7/25/2018	1110	7/24/2019	1235	7/24/2020	645
		7/27/2017	1020	7/26/2018	1070	7/25/2019	1280	7/27/2020	655
		7/28/2017	1025	7/27/2018	1060	7/26/2019	1280	7/28/2020	665
		7/31/2017	1035	7/30/2018	1055	7/29/2019	1305	7/29/2020	655
				7/31/2018	995	7/30/2019	1295	7/30/2020	655
						7/31/2019	1235		

EXCL									
2016		2017		2018		2019		2020	
Tanggal	P	Tanggal	P	Tanggal	P	Tanggal	P	Tanggal	P
7/1/2016	3610	7/3/2017	3310	7/2/2018	2530	7/1/2019	2990	7/1/2020	2730
7/11/2016	3580	7/4/2017	3290	7/3/2018	2490	7/2/2019	2960	7/2/2020	2720
7/12/2016	3600	7/5/2017	3250	7/4/2018	2360	7/3/2019	2860	7/3/2020	2770
7/13/2016	3680	7/6/2017	3210	7/5/2018	2410	7/4/2019	2850	7/6/2020	2950
7/14/2016	3790	7/7/2017	3200	7/6/2018	2450	7/5/2019	2900	7/7/2020	2900
7/15/2016	3840	7/10/2017	3130	7/9/2018	2620	7/8/2019	2860	7/8/2020	2960
7/18/2016	3900	7/11/2017	3220	7/10/2018	2670	7/9/2019	2930	7/9/2020	2920
7/19/2016	3900	7/12/2017	3300	7/11/2018	2650	7/10/2019	2890	7/10/2020	2860
7/20/2016	3820	7/13/2017	3300	7/12/2018	2790	7/11/2019	2900	7/13/2020	2940
7/21/2016	3670	7/14/2017	3300	7/13/2018	2790	7/12/2019	2860	7/14/2020	2970
7/22/2016	3700	7/17/2017	3290	7/16/2018	2680	7/15/2019	2930	7/15/2020	2930
7/25/2016	3710	7/18/2017	3250	7/17/2018	2730	7/16/2019	2940	7/16/2020	2870
7/26/2016	3710	7/19/2017	3230	7/18/2018	2840	7/17/2019	2980	7/17/2020	2850
7/27/2016	3690	7/20/2017	3230	7/19/2018	2800	7/18/2019	3110	7/20/2020	2870
7/28/2016	3700	7/21/2017	3150	7/20/2018	2850	7/19/2019	3110	7/21/2020	2840
7/29/2016	3710	7/24/2017	3200	7/23/2018	2980	7/22/2019	3100	7/22/2020	2800
		7/25/2017	3280	7/24/2018	2980	7/23/2019	3160	7/23/2020	2820

		7/26/2017	3210	7/25/2018	2870	7/24/2019	3120	7/24/2020	2760
		7/27/2017	3300	7/26/2018	2830	7/25/2019	3250	7/27/2020	2800
		7/28/2017	3300	7/27/2018	2880	7/26/2019	3170	7/28/2020	2730
		7/31/2017	3360	7/30/2018	2820	7/29/2019	3270	7/29/2020	2540
				7/31/2018	2750	7/30/2019	3300	7/30/2020	2500
						7/31/2019	3230		

JSMR									
2016		2017		2018		2019		2020	
Tanggal	P	Tanggal	P	Tanggal	P	Tanggal	P	Tanggal	P
7/1/2016	5137.967	7/3/2017	5375	7/2/2018	4190	7/1/2019	5900	7/1/2020	4400
7/11/2016	5362.441	7/4/2017	5475	7/3/2018	4030	7/2/2019	5900	7/2/2020	4490
7/12/2016	5362.441	7/5/2017	5400	7/4/2018	4390	7/3/2019	5800	7/3/2020	4490
7/13/2016	5387.383	7/6/2017	5450	7/5/2018	4590	7/4/2019	5775	7/6/2020	4460
7/14/2016	5362.441	7/7/2017	5275	7/6/2018	4640	7/5/2019	5650	7/7/2020	4390
7/15/2016	5537.032	7/10/2017	5200	7/9/2018	4810	7/8/2019	5525	7/8/2020	4440
7/18/2016	5462.208	7/11/2017	5200	7/10/2018	4880	7/9/2019	5700	7/9/2020	4430
7/19/2016	5537.032	7/12/2017	5350	7/11/2018	4720	7/10/2019	5675	7/10/2020	4410
7/20/2016	5537.032	7/13/2017	5300	7/12/2018	4750	7/11/2019	5750	7/13/2020	4450
7/21/2016	5437.266	7/14/2017	5225	7/13/2018	4760	7/12/2019	5650	7/14/2020	4400
7/22/2016	5387.383	7/17/2017	5275	7/16/2018	4820	7/15/2019	5825	7/15/2020	4400
7/25/2016	5462.208	7/18/2017	5300	7/17/2018	4790	7/16/2019	5900	7/16/2020	4390
7/26/2016	5462.208	7/19/2017	5250	7/18/2018	4810	7/17/2019	5925	7/17/2020	4400
7/27/2016	5512.091	7/20/2017	5250	7/19/2018	5050	7/18/2019	6175	7/20/2020	4240
7/28/2016	5462.208	7/21/2017	5275	7/20/2018	4950	7/19/2019	6225	7/21/2020	4270
7/29/2016	5312.558	7/24/2017	5350	7/23/2018	5100	7/22/2019	6100	7/22/2020	4230
		7/25/2017	5400	7/24/2018	5175	7/23/2019	6000	7/23/2020	4190
		7/26/2017	5325	7/25/2018	5050	7/24/2019	6050	7/24/2020	4040
		7/27/2017	5475	7/26/2018	5150	7/25/2019	5975	7/27/2020	4070
		7/28/2017	5700	7/27/2018	4950	7/26/2019	5750	7/28/2020	4030
		7/31/2017	5850	7/30/2018	4830	7/29/2019	5675	7/29/2020	3990
				7/31/2018	4690	7/30/2019	5950	7/30/2020	3930
						7/31/2019	6000		

LPKR
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2016		2017		2018		2019		2020	
Tanggal	P	Tanggal	P	Tanggal	P	Tanggal	P	Tanggal	P
7/1/2016	912.6028	7/3/2017	551.5295	7/2/2018	265.0516	7/1/2019	272	7/1/2020	165
7/11/2016	928.4742	7/4/2017	551.5295	7/3/2018	257.1159	7/2/2019	274	7/2/2020	167
7/12/2016	928.4742	7/5/2017	551.5295	7/4/2018	276.1615	7/3/2019	268	7/3/2020	168
7/13/2016	952.2812	7/6/2017	547.5617	7/5/2018	288.8586	7/4/2019	262	7/6/2020	167
7/14/2016	928.4742	7/7/2017	551.5295	7/6/2018	290.4458	7/5/2019	260	7/7/2020	163
7/15/2016	928.4742	7/10/2017	563.433	7/9/2018	295.2072	7/8/2019	258	7/8/2020	162
7/18/2016	912.6028	7/11/2017	567.4009	7/10/2018	298.3814	7/9/2019	268	7/9/2020	160
7/19/2016	940.3777	7/12/2017	567.4009	7/11/2018	311.0785	7/10/2019	278	7/10/2020	158
7/20/2016	932.442	7/13/2017	571.3687	7/12/2018	315.8399	7/11/2019	286	7/13/2020	155
7/21/2016	916.5706	7/14/2017	583.2722	7/13/2018	315.8399	7/12/2019	290	7/14/2020	150
7/22/2016	916.5706	7/17/2017	591.2079	7/16/2018	315.8399	7/15/2019	288	7/15/2020	149
7/25/2016	920.5385	7/18/2017	575.3365	7/17/2018	311.0785	7/16/2019	276	7/16/2020	145
7/26/2016	912.6028	7/19/2017	575.3365	7/18/2018	311.0785	7/17/2019	276	7/17/2020	141
7/27/2016	912.6028	7/20/2017	571.3687	7/19/2018	309.4914	7/18/2019	278	7/20/2020	138
7/28/2016	908.6349	7/21/2017	559.4652	7/20/2018	317.4271	7/19/2019	284	7/21/2020	149
7/29/2016	900.6993	7/24/2017	555.4974	7/23/2018	319.0142	7/22/2019	280	7/22/2020	146
		7/25/2017	535.6581	7/24/2018	323.7756	7/23/2019	278	7/23/2020	144
		7/26/2017	543.5939	7/25/2018	320.6013	7/24/2019	280	7/24/2020	144
		7/27/2017	543.5939	7/26/2018	311.0785	7/25/2019	280	7/27/2020	141
		7/28/2017	543.5939	7/27/2018	307.9042	7/26/2019	274	7/28/2020	143
		7/31/2017	567.4009	7/30/2018	306.3171	7/29/2019	274	7/29/2020	139
				7/31/2018	290.4458	7/30/2019	280	7/30/2020	138
						7/31/2019	280		

PWON									
2016		2017		2018		2019		2020	
Tanggal	P	Tanggal	P	Tanggal	P	Tanggal	P	Tanggal	P
7/1/2016	605	7/3/2017	640	7/2/2018	530	7/1/2019	745	7/1/2020	412
7/11/2016	635	7/4/2017	645	7/3/2018	530	7/2/2019	745	7/2/2020	428
7/12/2016	660	7/5/2017	630	7/4/2018	525	7/3/2019	715	7/3/2020	418
7/13/2016	655	7/6/2017	640	7/5/2018	545	7/4/2019	740	7/6/2020	414
7/14/2016	645	7/7/2017	650	7/6/2018	560	7/5/2019	735	7/7/2020	412
7/15/2016	630	7/10/2017	625	7/9/2018	560	7/8/2019	740	7/8/2020	420
7/18/2016	625	7/11/2017	625	7/10/2018	580	7/9/2019	735	7/9/2020	416
7/19/2016	625	7/12/2017	615	7/11/2018	555	7/10/2019	735	7/10/2020	406

7/20/2016	635	7/13/2017	610	7/12/2018	580	7/11/2019	740	7/13/2020	408
7/21/2016	630	7/14/2017	610	7/13/2018	575	7/12/2019	720	7/14/2020	414
7/22/2016	640	7/17/2017	620	7/16/2018	570	7/15/2019	725	7/15/2020	428
7/25/2016	635	7/18/2017	610	7/17/2018	580	7/16/2019	725	7/16/2020	428
7/26/2016	620	7/19/2017	615	7/18/2018	560	7/17/2019	705	7/17/2020	424
7/27/2016	610	7/20/2017	615	7/19/2018	545	7/18/2019	710	7/20/2020	418
7/28/2016	640	7/21/2017	615	7/20/2018	540	7/19/2019	700	7/21/2020	428
7/29/2016	650	7/24/2017	625	7/23/2018	555	7/22/2019	700	7/22/2020	420
		7/25/2017	640	7/24/2018	560	7/23/2019	685	7/23/2020	426
		7/26/2017	645	7/25/2018	560	7/24/2019	670	7/24/2020	424
		7/27/2017	665	7/26/2018	540	7/25/2019	680	7/27/2020	428
		7/28/2017	695	7/27/2018	550	7/26/2019	670	7/28/2020	426
		7/31/2017	710	7/30/2018	540	7/29/2019	705	7/29/2020	424
				7/31/2018	515	7/30/2019	735	7/30/2020	424
						7/31/2019	735		

SMRA									
2016		2017		2018		2019		2020	
Tanggal	P	Tanggal	P	Tanggal	P	Tanggal	P	Tanggal	P
7/1/2016	1810	7/3/2017	1290	7/2/2018	850	7/1/2019	1220	7/1/2020	581.3818
7/11/2016	1855	7/4/2017	1290	7/3/2018	815	7/2/2019	1180	7/2/2020	624.9855
7/12/2016	1880	7/5/2017	1270	7/4/2018	825	7/3/2019	1150	7/3/2020	595.9164
7/13/2016	1885	7/6/2017	1225	7/5/2018	825	7/4/2019	1195	7/6/2020	591.0715
7/14/2016	1820	7/7/2017	1210	7/6/2018	830	7/5/2019	1200	7/7/2020	576.537
7/15/2016	1805	7/10/2017	1210	7/9/2018	850	7/8/2019	1170	7/8/2020	595.9164
7/18/2016	1805	7/11/2017	1215	7/10/2018	845	7/9/2019	1195	7/9/2020	595.9164
7/19/2016	1735	7/12/2017	1215	7/11/2018	810	7/10/2019	1250	7/10/2020	576.537
7/20/2016	1790	7/13/2017	1220	7/12/2018	810	7/11/2019	1330	7/13/2020	576.537
7/21/2016	1730	7/14/2017	1210	7/13/2018	805	7/12/2019	1275	7/14/2020	571.6921
7/22/2016	1730	7/17/2017	1200	7/16/2018	795	7/15/2019	1290	7/15/2020	581.3818
7/25/2016	1765	7/18/2017	1140	7/17/2018	805	7/16/2019	1300	7/16/2020	586.2267
7/26/2016	1740	7/19/2017	1070	7/18/2018	800	7/17/2019	1255	7/17/2020	571.6921
7/27/2016	1740	7/20/2017	1090	7/19/2018	795	7/18/2019	1180	7/20/2020	552.3127
7/28/2016	1700	7/21/2017	1075	7/20/2018	790	7/19/2019	1185	7/21/2020	581.3818
7/29/2016	1695	7/24/2017	1055	7/23/2018	785	7/22/2019	1200	7/22/2020	571.6921
		7/25/2017	1045	7/24/2018	785	7/23/2019	1235	7/23/2020	586.2267
		7/26/2017	1055	7/25/2018	805	7/24/2019	1290	7/24/2020	571.6921

		7/27/2017	1040	7/26/2018	800	7/25/2019	1275	7/27/2020	600.7612
		7/28/2017	995	7/27/2018	800	7/26/2019	1220	7/28/2020	595.9164
		7/31/2017	980	7/30/2018	785	7/29/2019	1260	7/29/2020	591.0715
				7/31/2018	765	7/30/2019	1330	7/30/2020	581.3818
						7/31/2019	1325		

WSKT									
2016		2017		2018		2019		2020	
Tanggal	P	Tanggal	P	Tanggal	P	Tanggal	P	Tanggal	P
7/1/2016	2500	7/3/2017	2340	7/2/2018	1925	7/1/2019	2020	7/1/2020	700
7/11/2016	2570	7/4/2017	2330	7/3/2018	1865	7/2/2019	2010	7/2/2020	735
7/12/2016	2550	7/5/2017	2270	7/4/2018	1835	7/3/2019	1985	7/3/2020	710
7/13/2016	2590	7/6/2017	2260	7/5/2018	1785	7/4/2019	1980	7/6/2020	720
7/14/2016	2730	7/7/2017	2230	7/6/2018	1780	7/5/2019	1960	7/7/2020	710
7/15/2016	2730	7/10/2017	2250	7/9/2018	1845	7/8/2019	1920	7/8/2020	725
7/18/2016	2700	7/11/2017	2210	7/10/2018	1850	7/9/2019	1955	7/9/2020	725
7/19/2016	2720	7/12/2017	2190	7/11/2018	1840	7/10/2019	2010	7/10/2020	715
7/20/2016	2760	7/13/2017	2210	7/12/2018	1875	7/11/2019	2010	7/13/2020	715
7/21/2016	2710	7/14/2017	2220	7/13/2018	1855	7/12/2019	2040	7/14/2020	715
7/22/2016	2710	7/17/2017	2250	7/16/2018	1845	7/15/2019	2150	7/15/2020	720
7/25/2016	2710	7/18/2017	2240	7/17/2018	2030	7/16/2019	2110	7/16/2020	725
7/26/2016	2720	7/19/2017	2190	7/18/2018	2030	7/17/2019	2180	7/17/2020	725
7/27/2016	2800	7/20/2017	2190	7/19/2018	2000	7/18/2019	2140	7/20/2020	710
7/28/2016	2820	7/21/2017	2220	7/20/2018	2000	7/19/2019	2130	7/21/2020	720
7/29/2016	2770	7/24/2017	2230	7/23/2018	2020	7/22/2019	2090	7/22/2020	710
		7/25/2017	2220	7/24/2018	2000	7/23/2019	2100	7/23/2020	730
		7/26/2017	2230	7/25/2018	1985	7/24/2019	2090	7/24/2020	710
		7/27/2017	2240	7/26/2018	2000	7/25/2019	2080	7/27/2020	670
		7/28/2017	2370	7/27/2018	2000	7/26/2019	2070	7/28/2020	665
		7/31/2017	2390	7/30/2018	2150	7/29/2019	2060	7/29/2020	660
				7/31/2018	2120	7/30/2019	2100	7/30/2020	625
						7/31/2019	2050		

TPIA				
2016	2017	2018	2019	2020

Tanggal	P	Tanggal	P	Tanggal	P	Tanggal	P	Tanggal	P
7/1/2016	918.8181	7/3/2017	5187.985	7/2/2018	5350	7/1/2019	4920	7/1/2020	6575
7/11/2016	918.8181	7/4/2017	5212.526	7/3/2018	5275	7/2/2019	4940	7/2/2020	6825
7/12/2016	918.8181	7/5/2017	5202.709	7/4/2018	5475	7/3/2019	4900	7/3/2020	6875
7/13/2016	981.6433	7/6/2017	5227.25	7/5/2018	5250	7/4/2019	4960	7/6/2020	6725
7/14/2016	981.6433	7/7/2017	5212.526	7/6/2018	5250	7/5/2019	4800	7/7/2020	6775
7/15/2016	981.6433	7/10/2017	5212.526	7/9/2018	5300	7/8/2019	4800	7/8/2020	6750
7/18/2016	1020.909	7/11/2017	5217.434	7/10/2018	5325	7/9/2019	4700	7/9/2020	6625
7/19/2016	1035.634	7/12/2017	5227.25	7/11/2018	5275	7/10/2019	4730	7/10/2020	6650
7/20/2016	1055.266	7/13/2017	5227.25	7/12/2018	5200	7/11/2019	4750	7/13/2020	6725
7/21/2016	1060.175	7/14/2017	5217.434	7/13/2018	5175	7/12/2019	4800	7/14/2020	6875
7/22/2016	1040.542	7/17/2017	5241.975	7/16/2018	5250	7/15/2019	4830	7/15/2020	7025
7/25/2016	1020.909	7/18/2017	5256.7	7/17/2018	5075	7/16/2019	4850	7/16/2020	7050
7/26/2016	1020.909	7/19/2017	5261.608	7/18/2018	5050	7/17/2019	5000	7/17/2020	7100
7/27/2016	1060.175	7/20/2017	5271.424	7/19/2018	4940	7/18/2019	5275	7/20/2020	7100
7/28/2016	1177.972	7/21/2017	5271.424	7/20/2018	4890	7/19/2019	5650	7/21/2020	7175
7/29/2016	1197.605	7/24/2017	5281.241	7/23/2018	4960	7/22/2019	6000	7/22/2020	7200
		7/25/2017	5300.874	7/24/2018	5050	7/23/2019	5950	7/23/2020	7250
		7/26/2017	5305.782	7/25/2018	5100	7/24/2019	6050	7/24/2020	7450
		7/27/2017	5330.323	7/26/2018	5050	7/25/2019	6025	7/27/2020	6950
		7/28/2017	5340.139	7/27/2018	4980	7/26/2019	6100	7/28/2020	6800
		7/31/2017	5320.506	7/30/2018	5000	7/29/2019	6075	7/29/2020	7100
				7/31/2018	5000	7/30/2019	6200	7/30/2020	7325
						7/31/2019	6275		

BRPT									
2016		2017		2018		2019		2020	
Tanggal	P	Tanggal	P	Tanggal	P	Tanggal	P	Tanggal	P
7/1/2016	48.4	7/3/2017	298	7/2/2018	396	7/1/2019	652	7/1/2020	1150
7/11/2016	49.6	7/4/2017	297	7/3/2018	370	7/2/2019	678	7/2/2020	1150
7/12/2016	49.6	7/5/2017	294	7/4/2018	359	7/3/2019	676	7/3/2020	1180
7/13/2016	49.4	7/6/2017	300	7/5/2018	356	7/4/2019	682	7/6/2020	1170
7/14/2016	50	7/7/2017	298	7/6/2018	345	7/5/2019	680	7/7/2020	1160
7/15/2016	50	7/10/2017	298	7/9/2018	363	7/8/2019	684	7/8/2020	1190
7/18/2016	50.5	7/11/2017	297	7/10/2018	355	7/9/2019	690	7/9/2020	1225
7/19/2016	50	7/12/2017	298	7/11/2018	350	7/10/2019	674	7/10/2020	1220
7/20/2016	50	7/13/2017	297	7/12/2018	373	7/11/2019	680	7/13/2020	1240



7/21/2016	51	7/14/2017	300	7/13/2018	378	7/12/2019	732	7/14/2020	1280
7/22/2016	50	7/17/2017	312	7/16/2018	368	7/15/2019	720	7/15/2020	1250
7/25/2016	50.5	7/18/2017	324	7/17/2018	363	7/16/2019	718	7/16/2020	1250
7/26/2016	54.5	7/19/2017	324	7/18/2018	356	7/17/2019	738	7/17/2020	1255
7/27/2016	58.5	7/20/2017	319	7/19/2018	360	7/18/2019	738	7/20/2020	1250
7/28/2016	65	7/21/2017	308	7/20/2018	357	7/19/2019	754	7/21/2020	1210
7/29/2016	64.5	7/24/2017	310	7/23/2018	369	7/22/2019	772	7/22/2020	1180
		7/25/2017	319	7/24/2018	377	7/23/2019	774	7/23/2020	1185
		7/26/2017	330	7/25/2018	373	7/24/2019	772	7/24/2020	1175
		7/27/2017	330	7/26/2018	360	7/25/2019	760	7/27/2020	1095
		7/28/2017	339	7/27/2018	366	7/26/2019	738	7/28/2020	1020
		7/31/2017	333	7/30/2018	366	7/29/2019	722	7/29/2020	950
				7/31/2018	363	7/30/2019	720	7/30/2020	950
						7/31/2019	776		

Lampiran 27. Daftar harga saham 29 emiten pada bulan Agustus 2016 – 2020

ADRO									
2016		2017		2018		2019		2020	
Tanggal	P	Tanggal	P	Tanggal	P	Tanggal	P	Tanggal	P
8/1/2016	1040	8/1/2017	1860	8/1/2018	1980	8/1/2019	1225	8/3/2020	1030
8/2/2016	1105	8/2/2017	1895	8/2/2018	1935	8/2/2019	1175	8/4/2020	1035
8/3/2016	1140	8/3/2017	1845	8/3/2018	1940	8/5/2019	1120	8/5/2020	1050
8/4/2016	1110	8/4/2017	1870	8/6/2018	1960	8/6/2019	1085	8/6/2020	1115
8/5/2016	1145	8/7/2017	1850	8/7/2018	1980	8/7/2019	1105	8/7/2020	1095
8/8/2016	1150	8/8/2017	1870	8/8/2018	1990	8/8/2019	1100	8/10/2020	1140
8/9/2016	1200	8/9/2017	1805	8/9/2018	1935	8/9/2019	1095	8/11/2020	1150
8/10/2016	1155	8/10/2017	1850	8/10/2018	1910	8/12/2019	1070	8/12/2020	1120
8/11/2016	1085	8/11/2017	1820	8/13/2018	1830	8/13/2019	1035	8/13/2020	1115
8/12/2016	1135	8/14/2017	1850	8/14/2018	1800	8/14/2019	1050	8/14/2020	1115
8/15/2016	1120	8/15/2017	1855	8/15/2018	1855	8/15/2019	1025	8/18/2020	1115
8/16/2016	1145	8/16/2017	1880	8/16/2018	1780	8/16/2019	1030	8/19/2020	1115
8/18/2016	1170	8/17/2017	1880	8/17/2018	1780	8/19/2019	1045	8/24/2020	1095
8/19/2016	1105	8/18/2017	1875	8/20/2018	1835	8/20/2019	1050	8/25/2020	1100
8/22/2016	1115	8/21/2017	1865	8/21/2018	1880	8/21/2019	1030	8/26/2020	1110
8/23/2016	1080	8/22/2017	1860	8/22/2018	1880	8/22/2019	1020	8/27/2020	1125
8/24/2016	1060	8/23/2017	1955	8/23/2018	1940	8/23/2019	1085	8/28/2020	1145

8/25/2016	1100	8/24/2017	1965	8/24/2018	1910	8/26/2019	1120	8/31/2020	1085
8/26/2016	1080	8/25/2017	1945	8/27/2018	1895	8/27/2019	1130		
8/29/2016	1065	8/28/2017	1890	8/28/2018	1910	8/28/2019	1105		
8/30/2016	1135	8/29/2017	1870	8/29/2018	1910	8/29/2019	1100		
8/31/2016	1150	8/30/2017	1890	8/30/2018	1895	8/30/2019	1125		
		8/31/2017	1825	8/31/2018	1865				

AKRA									
2016		2017		2018		2019		2020	
Tanggal	P	Tanggal	P	Tanggal	P	Tanggal	P	Tanggal	P
8/1/2016	6800	8/1/2017	6950	8/1/2018	4250	8/1/2019	4000	8/3/2020	2780
8/2/2016	6725	8/2/2017	6825	8/2/2018	4250	8/2/2019	4060	8/4/2020	2800
8/3/2016	6775	8/3/2017	6575	8/3/2018	4230	8/5/2019	3890	8/5/2020	2770
8/4/2016	6650	8/4/2017	6550	8/6/2018	4250	8/6/2019	3750	8/6/2020	2780
8/5/2016	6700	8/7/2017	6600	8/7/2018	4290	8/7/2019	3770	8/7/2020	2770
8/8/2016	6850	8/8/2017	6750	8/8/2018	4320	8/8/2019	3750	8/10/2020	2780
8/9/2016	6800	8/9/2017	6575	8/9/2018	4260	8/9/2019	3830	8/11/2020	2870
8/10/2016	7025	8/10/2017	6600	8/10/2018	4270	8/12/2019	3860	8/12/2020	2860
8/11/2016	6975	8/11/2017	6525	8/13/2018	4090	8/13/2019	3780	8/13/2020	2840
8/12/2016	6825	8/14/2017	6650	8/14/2018	4050	8/14/2019	4000	8/14/2020	2810
8/15/2016	6750	8/15/2017	6675	8/15/2018	4030	8/15/2019	3970	8/18/2020	2840
8/16/2016	6875	8/16/2017	6575	8/16/2018	4010	8/16/2019	3970	8/19/2020	2830
8/18/2016	6750	8/17/2017	6575	8/17/2018	4010	8/19/2019	4040	8/24/2020	2930
8/19/2016	6650	8/18/2017	6750	8/20/2018	4030	8/20/2019	4010	8/25/2020	3060
8/22/2016	6700	8/21/2017	6550	8/21/2018	4100	8/21/2019	4000	8/26/2020	3030
8/23/2016	6650	8/22/2017	6625	8/22/2018	4100	8/22/2019	4060	8/27/2020	2950
8/24/2016	6650	8/23/2017	6575	8/23/2018	3960	8/23/2019	4030	8/28/2020	2870
8/25/2016	6800	8/24/2017	6600	8/24/2018	3850	8/26/2019	4090	8/31/2020	2900
8/26/2016	6825	8/25/2017	6625	8/27/2018	3840	8/27/2019	4080		
8/29/2016	6875	8/28/2017	6725	8/28/2018	3780	8/28/2019	4260		
8/30/2016	6950	8/29/2017	6850	8/29/2018	3750	8/29/2019	4250		
8/31/2016	6675	8/30/2017	6775	8/30/2018	3780	8/30/2019	4270		
		8/31/2017	6775	8/31/2018	3610				

ASII
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2016		2017		2018		2019		2020	
Tanggal	P	Tanggal	P	Tanggal	P	Tanggal	P	Tanggal	P
8/1/2016	8000	8/1/2017	7850	8/1/2018	7475	8/1/2019	7025	8/3/2020	4880
8/2/2016	7975	8/2/2017	7825	8/2/2018	7300	8/2/2019	7075	8/4/2020	4960
8/3/2016	7950	8/3/2017	7775	8/3/2018	7125	8/5/2019	6925	8/5/2020	5050
8/4/2016	7750	8/4/2017	7775	8/6/2018	7425	8/6/2019	6750	8/6/2020	5225
8/5/2016	7925	8/7/2017	7900	8/7/2018	7375	8/7/2019	6725	8/7/2020	5275
8/8/2016	8325	8/8/2017	8000	8/8/2018	7425	8/8/2019	6900	8/10/2020	5125
8/9/2016	8125	8/9/2017	8000	8/9/2018	7500	8/9/2019	6775	8/11/2020	5225
8/10/2016	8125	8/10/2017	7925	8/10/2018	7400	8/12/2019	6750	8/12/2020	5400
8/11/2016	8125	8/11/2017	7775	8/13/2018	7100	8/13/2019	6675	8/13/2020	5400
8/12/2016	7975	8/14/2017	7850	8/14/2018	6825	8/14/2019	6675	8/14/2020	5375
8/15/2016	7850	8/15/2017	7825	8/15/2018	6975	8/15/2019	6525	8/18/2020	5375
8/16/2016	7875	8/16/2017	7850	8/16/2018	7100	8/16/2019	6500	8/19/2020	5300
8/18/2016	8300	8/17/2017	7850	8/17/2018	7100	8/19/2019	6425	8/24/2020	5300
8/19/2016	8100	8/18/2017	7900	8/20/2018	7400	8/20/2019	6425	8/25/2020	5300
8/22/2016	8300	8/21/2017	7875	8/21/2018	7475	8/21/2019	6350	8/26/2020	5350
8/23/2016	8100	8/22/2017	7925	8/22/2018	7475	8/22/2019	6325	8/27/2020	5300
8/24/2016	8200	8/23/2017	7975	8/23/2018	7425	8/23/2019	6575	8/28/2020	5325
8/25/2016	8400	8/24/2017	7975	8/24/2018	7375	8/26/2019	6575	8/31/2020	5100
8/26/2016	8350	8/25/2017	8000	8/27/2018	7575	8/27/2019	6525		
8/29/2016	8075	8/28/2017	8000	8/28/2018	7350	8/28/2019	6450		
8/30/2016	8075	8/29/2017	7900	8/29/2018	7475	8/29/2019	6425		
8/31/2016	8150	8/30/2017	7875	8/30/2018	7475	8/30/2019	6675		
		8/31/2017	7875	8/31/2018	7250				

ICBP									
2016		2017		2018		2019		2020	
Tanggal	P	Tanggal	P	Tanggal	P	Tanggal	P	Tanggal	P
8/1/2016	8925	8/1/2017	8325	8/1/2018	8725	8/1/2019	10700	8/3/2020	9300
8/2/2016	8800	8/2/2017	8300	8/2/2018	8775	8/2/2019	10850	8/4/2020	10025
8/3/2016	8800	8/3/2017	8300	8/3/2018	8775	8/5/2019	10875	8/5/2020	10550
8/4/2016	8850	8/4/2017	8300	8/6/2018	9000	8/6/2019	10775	8/6/2020	10325
8/5/2016	8925	8/7/2017	8275	8/7/2018	9000	8/7/2019	11225	8/7/2020	10175
8/8/2016	8825	8/8/2017	8350	8/8/2018	8950	8/8/2019	11175	8/10/2020	10175
8/9/2016	8750	8/9/2017	8350	8/9/2018	8975	8/9/2019	11300	8/11/2020	10200
8/10/2016	8750	8/10/2017	8300	8/10/2018	8975	8/12/2019	11275	8/12/2020	10150

8/11/2016	8725	8/11/2017	8350	8/13/2018	8550	8/13/2019	11250	8/13/2020	10250
8/12/2016	8600	8/14/2017	8350	8/14/2018	8200	8/14/2019	11350	8/14/2020	10175
8/15/2016	8650	8/15/2017	8400	8/15/2018	8550	8/15/2019	11500	8/18/2020	10200
8/16/2016	8725	8/16/2017	8675	8/16/2018	8650	8/16/2019	11625	8/19/2020	10100
8/18/2016	9200	8/17/2017	8675	8/17/2018	8650	8/19/2019	11525	8/24/2020	10225
8/19/2016	9025	8/18/2017	8700	8/20/2018	8600	8/20/2019	11900	8/25/2020	10425
8/22/2016	9250	8/21/2017	8675	8/21/2018	8800	8/21/2019	11800	8/26/2020	10350
8/23/2016	9350	8/22/2017	8725	8/22/2018	8800	8/22/2019	11825	8/27/2020	10350
8/24/2016	9300	8/23/2017	8725	8/23/2018	8925	8/23/2019	11775	8/28/2020	10325
8/25/2016	9625	8/24/2017	8600	8/24/2018	8875	8/26/2019	11750	8/31/2020	10225
8/26/2016	9775	8/25/2017	8850	8/27/2018	8800	8/27/2019	11750		
8/29/2016	9500	8/28/2017	8800	8/28/2018	8625	8/28/2019	11825		
8/30/2016	9700	8/29/2017	8675	8/29/2018	8825	8/29/2019	12000		
8/31/2016	9975	8/30/2017	8650	8/30/2018	8800	8/30/2019	12050		
		8/31/2017	8725	8/31/2018	8675				

INCO									
2016		2017		2018		2019		2020	
Tanggal	P	Tanggal	P	Tanggal	P	Tanggal	P	Tanggal	P
8/1/2016	2610	8/1/2017	2450	8/1/2018	4540	8/1/2019	2940	8/3/2020	3350
8/2/2016	2630	8/2/2017	2430	8/2/2018	4370	8/2/2019	2890	8/4/2020	3420
8/3/2016	2530	8/3/2017	2430	8/3/2018	4150	8/5/2019	2810	8/5/2020	3620
8/4/2016	2500	8/4/2017	2460	8/6/2018	4220	8/6/2019	2950	8/6/2020	3690
8/5/2016	2620	8/7/2017	2370	8/7/2018	4390	8/7/2019	2990	8/7/2020	3650
8/8/2016	2670	8/8/2017	2440	8/8/2018	4350	8/8/2019	3110	8/10/2020	3640
8/9/2016	2630	8/9/2017	2640	8/9/2018	4380	8/9/2019	3250	8/11/2020	3620
8/10/2016	2570	8/10/2017	2610	8/10/2018	4290	8/12/2019	3240	8/12/2020	3540
8/11/2016	2560	8/11/2017	2550	8/13/2018	4080	8/13/2019	3340	8/13/2020	3560
8/12/2016	2620	8/14/2017	2540	8/14/2018	3950	8/14/2019	3410	8/14/2020	3660
8/15/2016	2580	8/15/2017	2550	8/15/2018	3980	8/15/2019	3440	8/18/2020	3740
8/16/2016	2590	8/16/2017	2550	8/16/2018	3790	8/16/2019	3550	8/19/2020	3740
8/18/2016	2830	8/17/2017	2550	8/17/2018	3790	8/19/2019	3480	8/24/2020	3690
8/19/2016	2890	8/18/2017	2720	8/20/2018	4110	8/20/2019	3410	8/25/2020	3780
8/22/2016	2860	8/21/2017	2800	8/21/2018	4020	8/21/2019	3440	8/26/2020	3780
8/23/2016	2740	8/22/2017	2990	8/22/2018	4020	8/22/2019	3340	8/27/2020	3830
8/24/2016	2810	8/23/2017	2980	8/23/2018	4020	8/23/2019	3300	8/28/2020	3780
8/25/2016	2700	8/24/2017	2920	8/24/2018	3900	8/26/2019	3130	8/31/2020	3790

8/26/2016	2700	8/25/2017	2890	8/27/2018	3900	8/27/2019	3200		
8/29/2016	2710	8/28/2017	2930	8/28/2018	3910	8/28/2019	3330		
8/30/2016	2680	8/29/2017	2960	8/29/2018	3910	8/29/2019	3420		
8/31/2016	2640	8/30/2017	3080	8/30/2018	3890	8/30/2019	3530		
		8/31/2017	2970	8/31/2018	3800				

INDF									
2016		2017		2018		2019		2020	
Tanggal	P	Tanggal	P	Tanggal	P	Tanggal	P	Tanggal	P
8/1/2016	8400	8/1/2017	8300	8/1/2018	6425	8/1/2019	7225	8/3/2020	6475
8/2/2016	8325	8/2/2017	8300	8/2/2018	6400	8/2/2019	7075	8/4/2020	6750
8/3/2016	8375	8/3/2017	8250	8/3/2018	6375	8/5/2019	7050	8/5/2020	7075
8/4/2016	8250	8/4/2017	8225	8/6/2018	6600	8/6/2019	7050	8/6/2020	7025
8/5/2016	8400	8/7/2017	8200	8/7/2018	6575	8/7/2019	7200	8/7/2020	6875
8/8/2016	8500	8/8/2017	8400	8/8/2018	6450	8/8/2019	7425	8/10/2020	6975
8/9/2016	8275	8/9/2017	8400	8/9/2018	6425	8/9/2019	7475	8/11/2020	7050
8/10/2016	8100	8/10/2017	8450	8/10/2018	6400	8/12/2019	7525	8/12/2020	7050
8/11/2016	8050	8/11/2017	8250	8/13/2018	6200	8/13/2019	7400	8/13/2020	7225
8/12/2016	8100	8/14/2017	8250	8/14/2018	6125	8/14/2019	7450	8/14/2020	7325
8/15/2016	7900	8/15/2017	8325	8/15/2018	6125	8/15/2019	7575	8/18/2020	7250
8/16/2016	7900	8/16/2017	8375	8/16/2018	6100	8/16/2019	7575	8/19/2020	7200
8/18/2016	8250	8/17/2017	8375	8/17/2018	6100	8/19/2019	7675	8/24/2020	7500
8/19/2016	8050	8/18/2017	8400	8/20/2018	6200	8/20/2019	7775	8/25/2020	7850
8/22/2016	7925	8/21/2017	8300	8/21/2018	6475	8/21/2019	7700	8/26/2020	7675
8/23/2016	7900	8/22/2017	8325	8/22/2018	6475	8/22/2019	7600	8/27/2020	7675
8/24/2016	7900	8/23/2017	8350	8/23/2018	6600	8/23/2019	7775	8/28/2020	7625
8/25/2016	7950	8/24/2017	8400	8/24/2018	6675	8/26/2019	7725	8/31/2020	7625
8/26/2016	7925	8/25/2017	8600	8/27/2018	6675	8/27/2019	7750		
8/29/2016	7925	8/28/2017	8625	8/28/2018	6450	8/28/2019	7750		
8/30/2016	7900	8/29/2017	8675	8/29/2018	6375	8/29/2019	7825		
8/31/2016	7925	8/30/2017	8675	8/30/2018	6300	8/30/2019	7925		
		8/31/2017	8375	8/31/2018	6375				

KLBf				
2016	2017	2018	2019	2020

Tanggal	P	Tanggal	P	Tanggal	P	Tanggal	P	Tanggal	P
8/1/2016	1700	8/1/2017	1690	8/1/2018	1360	8/1/2019	1485	8/3/2020	1560
8/2/2016	1685	8/2/2017	1730	8/2/2018	1315	8/2/2019	1455	8/4/2020	1575
8/3/2016	1690	8/3/2017	1735	8/3/2018	1300	8/5/2019	1410	8/5/2020	1615
8/4/2016	1695	8/4/2017	1775	8/6/2018	1300	8/6/2019	1385	8/6/2020	1600
8/5/2016	1715	8/7/2017	1695	8/7/2018	1300	8/7/2019	1430	8/7/2020	1580
8/8/2016	1720	8/8/2017	1740	8/8/2018	1290	8/8/2019	1415	8/10/2020	1610
8/9/2016	1710	8/9/2017	1740	8/9/2018	1275	8/9/2019	1440	8/11/2020	1600
8/10/2016	1690	8/10/2017	1740	8/10/2018	1290	8/12/2019	1465	8/12/2020	1615
8/11/2016	1705	8/11/2017	1725	8/13/2018	1260	8/13/2019	1460	8/13/2020	1625
8/12/2016	1710	8/14/2017	1725	8/14/2018	1220	8/14/2019	1480	8/14/2020	1625
8/15/2016	1685	8/15/2017	1720	8/15/2018	1215	8/15/2019	1490	8/18/2020	1620
8/16/2016	1700	8/16/2017	1755	8/16/2018	1210	8/16/2019	1510	8/19/2020	1605
8/18/2016	1715	8/17/2017	1755	8/17/2018	1210	8/19/2019	1565	8/24/2020	1600
8/19/2016	1700	8/18/2017	1750	8/20/2018	1215	8/20/2019	1570	8/25/2020	1620
8/22/2016	1720	8/21/2017	1760	8/21/2018	1320	8/21/2019	1575	8/26/2020	1590
8/23/2016	1815	8/22/2017	1775	8/22/2018	1320	8/22/2019	1625	8/27/2020	1615
8/24/2016	1755	8/23/2017	1755	8/23/2018	1325	8/23/2019	1620	8/28/2020	1610
8/25/2016	1800	8/24/2017	1725	8/24/2018	1300	8/26/2019	1620	8/31/2020	1580
8/26/2016	1785	8/25/2017	1725	8/27/2018	1300	8/27/2019	1625		
8/29/2016	1780	8/28/2017	1720	8/28/2018	1295	8/28/2019	1655		
8/30/2016	1780	8/29/2017	1745	8/29/2018	1310	8/29/2019	1670		
8/31/2016	1795	8/30/2017	1715	8/30/2018	1345	8/30/2019	1690		
		8/31/2017	1710	8/31/2018	1345				

PTBA									
2016		2017		2018		2019		2020	
Tanggal	P	Tanggal	P	Tanggal	P	Tanggal	P	Tanggal	P
8/1/2016	1965	8/1/2017	2675	8/1/2018	4540	8/1/2019	2730	8/3/2020	1975
8/2/2016	2000	8/2/2017	2690	8/2/2018	4490	8/2/2019	2690	8/4/2020	2010
8/3/2016	2060	8/3/2017	2665	8/3/2018	4500	8/5/2019	2620	8/5/2020	2040
8/4/2016	2135	8/4/2017	2705	8/6/2018	4580	8/6/2019	2550	8/6/2020	2080
8/5/2016	2070	8/7/2017	2750	8/7/2018	4780	8/7/2019	2560	8/7/2020	2050
8/8/2016	2050	8/8/2017	2710	8/8/2018	4810	8/8/2019	2570	8/10/2020	2120
8/9/2016	2075	8/9/2017	2620	8/9/2018	4800	8/9/2019	2540	8/11/2020	2100
8/10/2016	2030	8/10/2017	2695	8/10/2018	4890	8/12/2019	2480	8/12/2020	2060
8/11/2016	2000	8/11/2017	2660	8/13/2018	4850	8/13/2019	2420	8/13/2020	2070

8/12/2016	2000	8/14/2017	2645	8/14/2018	4160	8/14/2019	2430	8/14/2020	2060
8/15/2016	1970	8/15/2017	2630	8/15/2018	4030	8/15/2019	2380	8/18/2020	2080
8/16/2016	2015	8/16/2017	2630	8/16/2018	4120	8/16/2019	2440	8/19/2020	2110
8/18/2016	2075	8/17/2017	2630	8/17/2018	4120	8/19/2019	2450	8/24/2020	2100
8/19/2016	2015	8/18/2017	2630	8/20/2018	4260	8/20/2019	2460	8/25/2020	2120
8/22/2016	1985	8/21/2017	2580	8/21/2018	4120	8/21/2019	2420	8/26/2020	2130
8/23/2016	1980	8/22/2017	2620	8/22/2018	4120	8/22/2019	2420	8/27/2020	2130
8/24/2016	1960	8/23/2017	2630	8/23/2018	4040	8/23/2019	2490	8/28/2020	2130
8/25/2016	1955	8/24/2017	2640	8/24/2018	4070	8/26/2019	2410	8/31/2020	2040
8/26/2016	1935	8/25/2017	2620	8/27/2018	4060	8/27/2019	2420		
8/29/2016	1870	8/28/2017	2575	8/28/2018	4140	8/28/2019	2410		
8/30/2016	1895	8/29/2017	2595	8/29/2018	4150	8/29/2019	2410		
8/31/2016	1985	8/30/2017	2485	8/30/2018	4160	8/30/2019	2470		
		8/31/2017	2475	8/31/2018	4050				

SMGR									
2016		2017		2018		2019		2020	
Tanggal	P	Tanggal	P	Tanggal	P	Tanggal	P	Tanggal	P
8/1/2016	10000	8/1/2017	9925	8/1/2018	8625	8/1/2019	13050	8/3/2020	9125
8/2/2016	9900	8/2/2017	10700	8/2/2018	8575	8/2/2019	12950	8/4/2020	9200
8/3/2016	10175	8/3/2017	10475	8/3/2018	8925	8/5/2019	12400	8/5/2020	9450
8/4/2016	10125	8/4/2017	10325	8/6/2018	9000	8/6/2019	12575	8/6/2020	9600
8/5/2016	10350	8/7/2017	10575	8/7/2018	8950	8/7/2019	12725	8/7/2020	9675
8/8/2016	10775	8/8/2017	10525	8/8/2018	8600	8/8/2019	12900	8/10/2020	9600
8/9/2016	11600	8/9/2017	10900	8/9/2018	8325	8/9/2019	12800	8/11/2020	9600
8/10/2016	11400	8/10/2017	10900	8/10/2018	8400	8/12/2019	12800	8/12/2020	9850
8/11/2016	11075	8/11/2017	10675	8/13/2018	8100	8/13/2019	12400	8/13/2020	9725
8/12/2016	11000	8/14/2017	10975	8/14/2018	7600	8/14/2019	12850	8/14/2020	9500
8/15/2016	10900	8/15/2017	10900	8/15/2018	8000	8/15/2019	12950	8/18/2020	9750
8/16/2016	11050	8/16/2017	11000	8/16/2018	8150	8/16/2019	12900	8/19/2020	9550
8/18/2016	11225	8/17/2017	11000	8/17/2018	8150	8/19/2019	13250	8/24/2020	9700
8/19/2016	11100	8/18/2017	10875	8/20/2018	8450	8/20/2019	13225	8/25/2020	10300
8/22/2016	11150	8/21/2017	10850	8/21/2018	8625	8/21/2019	12975	8/26/2020	10450
8/23/2016	10775	8/22/2017	10850	8/22/2018	8625	8/22/2019	13025	8/27/2020	10675
8/24/2016	10400	8/23/2017	10700	8/23/2018	9075	8/23/2019	13075	8/28/2020	10650
8/25/2016	10425	8/24/2017	10750	8/24/2018	8750	8/26/2019	12875	8/31/2020	10550
8/26/2016	10500	8/25/2017	10575	8/27/2018	9400	8/27/2019	12900		

8/29/2016	10400	8/28/2017	10525	8/28/2018	9200	8/28/2019	12950		
8/30/2016	10100	8/29/2017	10475	8/29/2018	9200	8/29/2019	13100		
8/31/2016	9900	8/30/2017	10375	8/30/2018	9250	8/30/2019	13250		
		8/31/2017	10475	8/31/2018	9450				

TLKM									
2016		2017		2018		2019		2020	
Tanggal	P	Tanggal	P	Tanggal	P	Tanggal	P	Tanggal	P
8/1/2016	4550	8/1/2017	4770	8/1/2018	3550	8/1/2019	4280	8/3/2020	2920
8/2/2016	4370	8/2/2017	4800	8/2/2018	3500	8/2/2019	4280	8/4/2020	2950
8/3/2016	4270	8/3/2017	4700	8/3/2018	3460	8/5/2019	4080	8/5/2020	3020
8/4/2016	4320	8/4/2017	4670	8/6/2018	3650	8/6/2019	4130	8/6/2020	3020
8/5/2016	4350	8/7/2017	4670	8/7/2018	3580	8/7/2019	4210	8/7/2020	2980
8/8/2016	4400	8/8/2017	4690	8/8/2018	3550	8/8/2019	4260	8/10/2020	2970
8/9/2016	4370	8/9/2017	4710	8/9/2018	3490	8/9/2019	4260	8/11/2020	2930
8/10/2016	4320	8/10/2017	4710	8/10/2018	3500	8/12/2019	4260	8/12/2020	2950
8/11/2016	4280	8/11/2017	4680	8/13/2018	3370	8/13/2019	4250	8/13/2020	3010
8/12/2016	4230	8/14/2017	4710	8/14/2018	3350	8/14/2019	4290	8/14/2020	3030
8/15/2016	4090	8/15/2017	4730	8/15/2018	3430	8/15/2019	4290	8/18/2020	3050
8/16/2016	4140	8/16/2017	4770	8/16/2018	3350	8/16/2019	4280	8/19/2020	3000
8/18/2016	4250	8/17/2017	4770	8/17/2018	3350	8/19/2019	4340	8/24/2020	3000
8/19/2016	4140	8/18/2017	4780	8/20/2018	3390	8/20/2019	4470	8/25/2020	2980
8/22/2016	4160	8/21/2017	4770	8/21/2018	3350	8/21/2019	4410	8/26/2020	3020
8/23/2016	4220	8/22/2017	4790	8/22/2018	3350	8/22/2019	4450	8/27/2020	2990
8/24/2016	4220	8/23/2017	4800	8/23/2018	3300	8/23/2019	4380	8/28/2020	2960
8/25/2016	4220	8/24/2017	4780	8/24/2018	3290	8/26/2019	4330	8/31/2020	2860
8/26/2016	4210	8/25/2017	4770	8/27/2018	3460	8/27/2019	4380		
8/29/2016	4140	8/28/2017	4750	8/28/2018	3580	8/28/2019	4370		
8/30/2016	4170	8/29/2017	4730	8/29/2018	3580	8/29/2019	4380		
8/31/2016	4210	8/30/2017	4740	8/30/2018	3510	8/30/2019	4450		
		8/31/2017	4690	8/31/2018	3490				

UNTR									
2016		2017		2018		2019		2020	
Tanggal	P	Tanggal	P	Tanggal	P	Tanggal	P	Tanggal	P



8/1/2016	16150	8/1/2017	30500	8/1/2018	35975	8/1/2019	24450	8/3/2020	20450
8/2/2016	16250	8/2/2017	30400	8/2/2018	35525	8/2/2019	24575	8/4/2020	20450
8/3/2016	16300	8/3/2017	29200	8/3/2018	34900	8/5/2019	23875	8/5/2020	21525
8/4/2016	17600	8/4/2017	29200	8/6/2018	35800	8/6/2019	22750	8/6/2020	23775
8/5/2016	17300	8/7/2017	28700	8/7/2018	35975	8/7/2019	22800	8/7/2020	24700
8/8/2016	17425	8/8/2017	29200	8/8/2018	36025	8/8/2019	23200	8/10/2020	24775
8/9/2016	17150	8/9/2017	29825	8/9/2018	36600	8/9/2019	23175	8/11/2020	24275
8/10/2016	17900	8/10/2017	30425	8/10/2018	36275	8/12/2019	21700	8/12/2020	23525
8/11/2016	18050	8/11/2017	29600	8/13/2018	34500	8/13/2019	21225	8/13/2020	23300
8/12/2016	17700	8/14/2017	29900	8/14/2018	34050	8/14/2019	21575	8/14/2020	23075
8/15/2016	17900	8/15/2017	30175	8/15/2018	34000	8/15/2019	20750	8/18/2020	23600
8/16/2016	17750	8/16/2017	29975	8/16/2018	33400	8/16/2019	20500	8/19/2020	23475
8/18/2016	17500	8/17/2017	29975	8/17/2018	33400	8/19/2019	20700	8/24/2020	23000
8/19/2016	16800	8/18/2017	29475	8/20/2018	34975	8/20/2019	20550	8/25/2020	23550
8/22/2016	17275	8/21/2017	28900	8/21/2018	34675	8/21/2019	20025	8/26/2020	23250
8/23/2016	17500	8/22/2017	29550	8/22/2018	34675	8/22/2019	19975	8/27/2020	23525
8/24/2016	17775	8/23/2017	29500	8/23/2018	35000	8/23/2019	20500	8/28/2020	23425
8/25/2016	18000	8/24/2017	30475	8/24/2018	34200	8/26/2019	20125	8/31/2020	23000
8/26/2016	17700	8/25/2017	30350	8/27/2018	34925	8/27/2019	20700		
8/29/2016	17600	8/28/2017	30600	8/28/2018	34400	8/28/2019	20900		
8/30/2016	18700	8/29/2017	30600	8/29/2018	35000	8/29/2019	20675		
8/31/2016	18750	8/30/2017	30300	8/30/2018	34450	8/30/2019	20925		
		8/31/2017	30300	8/31/2018	34400				

UNVR									
2016		2017		2018		2019		2020	
Tanggal	P	Tanggal	P	Tanggal	P	Tanggal	P	Tanggal	P
8/1/2016	9020	8/1/2017	9695	8/1/2018	8945	8/1/2019	9110	8/3/2020	8250
8/2/2016	9080	8/2/2017	9695	8/2/2018	8990	8/2/2019	9000	8/4/2020	8225
8/3/2016	9090	8/3/2017	9540	8/3/2018	8990	8/5/2019	8765	8/5/2020	8250
8/4/2016	9170	8/4/2017	9515	8/6/2018	8945	8/6/2019	8865	8/6/2020	8175
8/5/2016	9120	8/7/2017	9415	8/7/2018	8710	8/7/2019	8965	8/7/2020	8125
8/8/2016	9000	8/8/2017	9485	8/8/2018	8600	8/8/2019	8930	8/10/2020	8100
8/9/2016	9120	8/9/2017	9620	8/9/2018	8600	8/9/2019	8965	8/11/2020	8050
8/10/2016	9115	8/10/2017	9605	8/10/2018	8710	8/12/2019	8995	8/12/2020	8050
8/11/2016	9190	8/11/2017	9500	8/13/2018	8520	8/13/2019	8855	8/13/2020	8175
8/12/2016	9075	8/14/2017	9650	8/14/2018	8200	8/14/2019	8980	8/14/2020	8200

8/15/2016	8950	8/15/2017	9660	8/15/2018	8160	8/15/2019	8940	8/18/2020	8225
8/16/2016	9070	8/16/2017	9870	8/16/2018	8505	8/16/2019	8995	8/19/2020	8200
8/18/2016	9115	8/17/2017	9870	8/17/2018	8505	8/19/2019	8900	8/24/2020	8175
8/19/2016	9055	8/18/2017	9895	8/20/2018	8470	8/20/2019	9035	8/25/2020	8200
8/22/2016	9065	8/21/2017	9665	8/21/2018	8520	8/21/2019	8975	8/26/2020	8200
8/23/2016	9100	8/22/2017	9855	8/22/2018	8520	8/22/2019	9060	8/27/2020	8250
8/24/2016	9020	8/23/2017	9985	8/23/2018	8670	8/23/2019	9165	8/28/2020	8250
8/25/2016	9180	8/24/2017	9900	8/24/2018	8600	8/26/2019	9175	8/31/2020	8225
8/26/2016	9280	8/25/2017	9990	8/27/2018	8740	8/27/2019	9455		
8/29/2016	9090	8/28/2017	9960	8/28/2018	8835	8/28/2019	9575		
8/30/2016	9020	8/29/2017	10100	8/29/2018	8890	8/29/2019	9570		
8/31/2016	9130	8/30/2017	10100	8/30/2018	8860	8/30/2019	9770		
		8/31/2017	10110	8/31/2018	8770				

WIKA									
2016		2017		2018		2019		2020	
Tanggal	P	Tanggal	P	Tanggal	P	Tanggal	P	Tanggal	P
8/1/2016	2806.002	8/1/2017	2030	8/1/2018	1580	8/1/2019	2340	8/3/2020	1110
8/2/2016	2759.699	8/2/2017	2030	8/2/2018	1555	8/2/2019	2270	8/4/2020	1090
8/3/2016	2787.481	8/3/2017	2010	8/3/2018	1570	8/5/2019	2210	8/5/2020	1120
8/4/2016	2954.174	8/4/2017	2000	8/6/2018	1650	8/6/2019	2200	8/6/2020	1130
8/5/2016	3037.521	8/7/2017	1980	8/7/2018	1680	8/7/2019	2230	8/7/2020	1100
8/8/2016	3037.521	8/8/2017	1995	8/8/2018	1675	8/8/2019	2270	8/10/2020	1115
8/9/2016	3028.26	8/9/2017	2070	8/9/2018	1640	8/9/2019	2310	8/11/2020	1180
8/10/2016	3018.999	8/10/2017	2060	8/10/2018	1690	8/12/2019	2200	8/12/2020	1215
8/11/2016	2991.217	8/11/2017	2010	8/13/2018	1605	8/13/2019	2250	8/13/2020	1190
8/12/2016	2907.871	8/14/2017	2060	8/14/2018	1605	8/14/2019	2310	8/14/2020	1185
8/15/2016	2815.263	8/15/2017	2030	8/15/2018	1590	8/15/2019	2330	8/18/2020	1285
8/16/2016	2963.435	8/16/2017	2020	8/16/2018	1540	8/16/2019	2280	8/19/2020	1285
8/18/2016	3028.26	8/17/2017	2020	8/17/2018	1540	8/19/2019	2310	8/24/2020	1315
8/19/2016	3028.26	8/18/2017	2000	8/20/2018	1575	8/20/2019	2350	8/25/2020	1320
8/22/2016	3000.478	8/21/2017	2000	8/21/2018	1600	8/21/2019	2360	8/26/2020	1285
8/23/2016	3028.26	8/22/2017	2010	8/22/2018	1600	8/22/2019	2350	8/27/2020	1270
8/24/2016	3009.739	8/23/2017	2000	8/23/2018	1600	8/23/2019	2340	8/28/2020	1295
8/25/2016	3056.042	8/24/2017	1990	8/24/2018	1570	8/26/2019	2290	8/31/2020	1240
8/26/2016	3056.042	8/25/2017	1990	8/27/2018	1590	8/27/2019	2230		
8/29/2016	3009.739	8/28/2017	1990	8/28/2018	1605	8/28/2019	2250		

8/30/2016	3009.739	8/29/2017	1990	8/29/2018	1645	8/29/2019	2190		
8/31/2016	3000.478	8/30/2017	1985	8/30/2018	1605	8/30/2019	2210		
		8/31/2017	1985	8/31/2018	1550				

BSDE									
2016		2017		2018		2019		2020	
Tanggal	P	Tanggal	P	Tanggal	P	Tanggal	P	Tanggal	P
8/1/2016	2080	8/1/2017	1765	8/1/2018	1380	8/1/2019	1385	8/3/2020	655
8/2/2016	2060	8/2/2017	1795	8/2/2018	1330	8/2/2019	1335	8/4/2020	665
8/3/2016	2020	8/3/2017	1805	8/3/2018	1340	8/5/2019	1300	8/5/2020	690
8/4/2016	2060	8/4/2017	1790	8/6/2018	1350	8/6/2019	1305	8/6/2020	695
8/5/2016	2100	8/7/2017	1765	8/7/2018	1335	8/7/2019	1295	8/7/2020	685
8/8/2016	2220	8/8/2017	1805	8/8/2018	1260	8/8/2019	1395	8/10/2020	685
8/9/2016	2310	8/9/2017	1820	8/9/2018	1260	8/9/2019	1370	8/11/2020	705
8/10/2016	2270	8/10/2017	1850	8/10/2018	1265	8/12/2019	1320	8/12/2020	715
8/11/2016	2330	8/11/2017	1770	8/13/2018	1240	8/13/2019	1340	8/13/2020	705
8/12/2016	2310	8/14/2017	1810	8/14/2018	1200	8/14/2019	1370	8/14/2020	695
8/15/2016	2210	8/15/2017	1820	8/15/2018	1180	8/15/2019	1345	8/18/2020	725
8/16/2016	2250	8/16/2017	1825	8/16/2018	1165	8/16/2019	1350	8/19/2020	740
8/18/2016	2230	8/17/2017	1825	8/17/2018	1165	8/19/2019	1360	8/24/2020	760
8/19/2016	2220	8/18/2017	1815	8/20/2018	1200	8/20/2019	1330	8/25/2020	790
8/22/2016	2210	8/21/2017	1850	8/21/2018	1200	8/21/2019	1325	8/26/2020	780
8/23/2016	2190	8/22/2017	1850	8/22/2018	1200	8/22/2019	1350	8/27/2020	780
8/24/2016	2240	8/23/2017	1850	8/23/2018	1290	8/23/2019	1400	8/28/2020	795
8/25/2016	2220	8/24/2017	1820	8/24/2018	1250	8/26/2019	1375	8/31/2020	775
8/26/2016	2230	8/25/2017	1830	8/27/2018	1270	8/27/2019	1425		
8/29/2016	2130	8/28/2017	1825	8/28/2018	1265	8/28/2019	1380		
8/30/2016	2100	8/29/2017	1845	8/29/2018	1285	8/29/2019	1350		
8/31/2016	2150	8/30/2017	1825	8/30/2018	1255	8/30/2019	1350		
		8/31/2017	1835	8/31/2018	1200				

INTP									
2016		2017		2018		2019		2020	
Tanggal	P	Tanggal	P	Tanggal	P	Tanggal	P	Tanggal	P
8/1/2016	17900	8/1/2017	17225	8/1/2018	14900	8/1/2019	22400	8/3/2020	11900

8/2/2016	17975	8/2/2017	18900	8/2/2018	14600	8/2/2019	21850	8/4/2020	11950
8/3/2016	18175	8/3/2017	18550	8/3/2018	14800	8/5/2019	21575	8/5/2020	12325
8/4/2016	18300	8/4/2017	18125	8/6/2018	15200	8/6/2019	21400	8/6/2020	12350
8/5/2016	18250	8/7/2017	18275	8/7/2018	15200	8/7/2019	21825	8/7/2020	11875
8/8/2016	18275	8/8/2017	18800	8/8/2018	15000	8/8/2019	21725	8/10/2020	11775
8/9/2016	19025	8/9/2017	19200	8/9/2018	14875	8/9/2019	21800	8/11/2020	11800
8/10/2016	19375	8/10/2017	18875	8/10/2018	14900	8/12/2019	21925	8/12/2020	11825
8/11/2016	18750	8/11/2017	18450	8/13/2018	14200	8/13/2019	21300	8/13/2020	11825
8/12/2016	18325	8/14/2017	18875	8/14/2018	13500	8/14/2019	21850	8/14/2020	11950
8/15/2016	18000	8/15/2017	19000	8/15/2018	13825	8/15/2019	21875	8/18/2020	11975
8/16/2016	18500	8/16/2017	19850	8/16/2018	14425	8/16/2019	22075	8/19/2020	11800
8/18/2016	18525	8/17/2017	19850	8/17/2018	14425	8/19/2019	22600	8/24/2020	11850
8/19/2016	18075	8/18/2017	19800	8/20/2018	15850	8/20/2019	22550	8/25/2020	12400
8/22/2016	18300	8/21/2017	19250	8/21/2018	15800	8/21/2019	21775	8/26/2020	12275
8/23/2016	18325	8/22/2017	19800	8/22/2018	15800	8/22/2019	21250	8/27/2020	12200
8/24/2016	17950	8/23/2017	19850	8/23/2018	17000	8/23/2019	21175	8/28/2020	12250
8/25/2016	18175	8/24/2017	19700	8/24/2018	16500	8/26/2019	20425	8/31/2020	11875
8/26/2016	18700	8/25/2017	19550	8/27/2018	17500	8/27/2019	21150		
8/29/2016	18350	8/28/2017	19450	8/28/2018	17150	8/28/2019	21250		
8/30/2016	18175	8/29/2017	19800	8/29/2018	17375	8/29/2019	21775		
8/31/2016	17700	8/30/2017	19500	8/30/2018	17375	8/30/2019	21725		
		8/31/2017	19800	8/31/2018	17725				

LPPF									
2016		2017		2018		2019		2020	
Tanggal	P	Tanggal	P	Tanggal	P	Tanggal	P	Tanggal	P
8/1/2016	20000	8/1/2017	11450	8/1/2018	7950	8/1/2019	3540	8/3/2020	1215
8/2/2016	21300	8/2/2017	10550	8/2/2018	7400	8/2/2019	3450	8/4/2020	1190
8/3/2016	21000	8/3/2017	10950	8/3/2018	7100	8/5/2019	3300	8/5/2020	1235
8/4/2016	21025	8/4/2017	11375	8/6/2018	6800	8/6/2019	3290	8/6/2020	1260
8/5/2016	20825	8/7/2017	11200	8/7/2018	6250	8/7/2019	3270	8/7/2020	1230
8/8/2016	21025	8/8/2017	11350	8/8/2018	6500	8/8/2019	3290	8/10/2020	1235
8/9/2016	20700	8/9/2017	11300	8/9/2018	6500	8/9/2019	3270	8/11/2020	1260
8/10/2016	21100	8/10/2017	10850	8/10/2018	6675	8/12/2019	3250	8/12/2020	1260
8/11/2016	20900	8/11/2017	10475	8/13/2018	6375	8/13/2019	3220	8/13/2020	1300
8/12/2016	20900	8/14/2017	10975	8/14/2018	6100	8/14/2019	3250	8/14/2020	1305
8/15/2016	20650	8/15/2017	11250	8/15/2018	6125	8/15/2019	3270	8/18/2020	1290

8/16/2016	20925	8/16/2017	11025	8/16/2018	6425	8/16/2019	3250	8/19/2020	1285
8/18/2016	21000	8/17/2017	11025	8/17/2018	6425	8/19/2019	3230	8/24/2020	1265
8/19/2016	20150	8/18/2017	11000	8/20/2018	7000	8/20/2019	3160	8/25/2020	1295
8/22/2016	20400	8/21/2017	10600	8/21/2018	7050	8/21/2019	3150	8/26/2020	1280
8/23/2016	20500	8/22/2017	10550	8/22/2018	7050	8/22/2019	3030	8/27/2020	1295
8/24/2016	19875	8/23/2017	10775	8/23/2018	6750	8/23/2019	3100	8/28/2020	1285
8/25/2016	20425	8/24/2017	10900	8/24/2018	6475	8/26/2019	3000	8/31/2020	1265
8/26/2016	20200	8/25/2017	10700	8/27/2018	6775	8/27/2019	3000		
8/29/2016	20125	8/28/2017	10600	8/28/2018	6700	8/28/2019	3000		
8/30/2016	20000	8/29/2017	10375	8/29/2018	7550	8/29/2019	3000		
8/31/2016	20000	8/30/2017	10400	8/30/2018	7500	8/30/2019	3020		
		8/31/2017	10000	8/31/2018	7500				

PGAS									
2016		2017		2018		2019		2020	
Tanggal	P	Tanggal	P	Tanggal	P	Tanggal	P	Tanggal	P
8/1/2016	3430	8/1/2017	2180	8/1/2018	1750	8/1/2019	2000	8/3/2020	1200
8/2/2016	3350	8/2/2017	2160	8/2/2018	1730	8/2/2019	1980	8/4/2020	1205
8/3/2016	3270	8/3/2017	2170	8/3/2018	1760	8/5/2019	1975	8/5/2020	1235
8/4/2016	3300	8/4/2017	2150	8/6/2018	1775	8/6/2019	1945	8/6/2020	1235
8/5/2016	3350	8/7/2017	2120	8/7/2018	1780	8/7/2019	1950	8/7/2020	1210
8/8/2016	3270	8/8/2017	2130	8/8/2018	1870	8/8/2019	1960	8/10/2020	1210
8/9/2016	3230	8/9/2017	2160	8/9/2018	1960	8/9/2019	1985	8/11/2020	1210
8/10/2016	3180	8/10/2017	2210	8/10/2018	1940	8/12/2019	1980	8/12/2020	1220
8/11/2016	3090	8/11/2017	2150	8/13/2018	1805	8/13/2019	1945	8/13/2020	1235
8/12/2016	3130	8/14/2017	2120	8/14/2018	1815	8/14/2019	1970	8/14/2020	1230
8/15/2016	3010	8/15/2017	2120	8/15/2018	1840	8/15/2019	1975	8/18/2020	1245
8/16/2016	2950	8/16/2017	2120	8/16/2018	1795	8/16/2019	1960	8/19/2020	1305
8/18/2016	3170	8/17/2017	2120	8/17/2018	1795	8/19/2019	1995	8/24/2020	1315
8/19/2016	3100	8/18/2017	2160	8/20/2018	1860	8/20/2019	1920	8/25/2020	1340
8/22/2016	3170	8/21/2017	2200	8/21/2018	1930	8/21/2019	1870	8/26/2020	1315
8/23/2016	3160	8/22/2017	2160	8/22/2018	1930	8/22/2019	1805	8/27/2020	1315
8/24/2016	3200	8/23/2017	2170	8/23/2018	2030	8/23/2019	1830	8/28/2020	1325
8/25/2016	3330	8/24/2017	2180	8/24/2018	1995	8/26/2019	1915	8/31/2020	1255
8/26/2016	3350	8/25/2017	2160	8/27/2018	2090	8/27/2019	2000		
8/29/2016	3200	8/28/2017	2150	8/28/2018	2060	8/28/2019	1960		
8/30/2016	3100	8/29/2017	2130	8/29/2018	2140	8/29/2019	1910		

8/31/2016	3020	8/30/2017	2160	8/30/2018	2050	8/30/2019	1920		
		8/31/2017	2120	8/31/2018	2140				

PTPP									
2016		2017		2018		2019		2020	
Tanggal	P	Tanggal	P	Tanggal	P	Tanggal	P	Tanggal	P
8/1/2016	3649.826	8/1/2017	3030	8/1/2018	2050	8/1/2019	1985	8/3/2020	910
8/2/2016	3630.816	8/2/2017	3060	8/2/2018	1985	8/2/2019	1925	8/4/2020	890
8/3/2016	3735.369	8/3/2017	3060	8/3/2018	1950	8/5/2019	1870	8/5/2020	940
8/4/2016	4068.035	8/4/2017	3050	8/6/2018	2010	8/6/2019	1870	8/6/2020	940
8/5/2016	4229.616	8/7/2017	2990	8/7/2018	2030	8/7/2019	1860	8/7/2020	925
8/8/2016	4334.168	8/8/2017	3010	8/8/2018	1990	8/8/2019	1890	8/10/2020	940
8/9/2016	4419.711	8/9/2017	2980	8/9/2018	1990	8/9/2019	1885	8/11/2020	985
8/10/2016	4343.673	8/10/2017	3000	8/10/2018	1995	8/12/2019	1835	8/12/2020	1010
8/11/2016	4210.606	8/11/2017	2960	8/13/2018	1930	8/13/2019	1825	8/13/2020	990
8/12/2016	4068.035	8/14/2017	2970	8/14/2018	1895	8/14/2019	1920	8/14/2020	985
8/15/2016	4030.016	8/15/2017	2990	8/15/2018	1865	8/15/2019	1920	8/18/2020	1020
8/16/2016	4220.111	8/16/2017	2960	8/16/2018	1800	8/16/2019	1910	8/19/2020	1015
8/18/2016	4334.168	8/17/2017	2960	8/17/2018	1800	8/19/2019	1985	8/24/2020	1040
8/19/2016	4353.178	8/18/2017	2890	8/20/2018	1820	8/20/2019	1975	8/25/2020	1035
8/22/2016	4362.683	8/21/2017	2840	8/21/2018	1840	8/21/2019	1950	8/26/2020	1020
8/23/2016	4419.711	8/22/2017	2810	8/22/2018	1840	8/22/2019	1915	8/27/2020	1005
8/24/2016	4277.14	8/23/2017	2810	8/23/2018	1850	8/23/2019	1890	8/28/2020	1000
8/25/2016	4400.702	8/24/2017	2790	8/24/2018	1875	8/26/2019	1860	8/31/2020	970
8/26/2016	4191.597	8/25/2017	2800	8/27/2018	1895	8/27/2019	1860		
8/29/2016	4134.568	8/28/2017	2800	8/28/2018	1880	8/28/2019	1830		
8/30/2016	4087.044	8/29/2017	2770	8/29/2018	1895	8/29/2019	1850		
8/31/2016	4134.568	8/30/2017	2790	8/30/2018	1855	8/30/2019	1850		
		8/31/2017	2810	8/31/2018	1900				

SCMA									
2016		2017		2018		2019		2020	
Tanggal	P	Tanggal	P	Tanggal	P	Tanggal	P	Tanggal	P
8/1/2016	3300	8/1/2017	2340	8/1/2018	2060	8/1/2019	1470	8/3/2020	1220
8/2/2016	3300	8/2/2017	2410	8/2/2018	2030	8/2/2019	1395	8/4/2020	1230

8/3/2016	3240	8/3/2017	2390	8/3/2018	2020	8/5/2019	1320	8/5/2020	1230
8/4/2016	3240	8/4/2017	2330	8/6/2018	2100	8/6/2019	1275	8/6/2020	1255
8/5/2016	3220	8/7/2017	2300	8/7/2018	2080	8/7/2019	1265	8/7/2020	1220
8/8/2016	3200	8/8/2017	2330	8/8/2018	2080	8/8/2019	1330	8/10/2020	1225
8/9/2016	3120	8/9/2017	2390	8/9/2018	2020	8/9/2019	1285	8/11/2020	1215
8/10/2016	3160	8/10/2017	2450	8/10/2018	2040	8/12/2019	1250	8/12/2020	1260
8/11/2016	3140	8/11/2017	2350	8/13/2018	1955	8/13/2019	1230	8/13/2020	1245
8/12/2016	3090	8/14/2017	2360	8/14/2018	1870	8/14/2019	1215	8/14/2020	1210
8/15/2016	3040	8/15/2017	2360	8/15/2018	1905	8/15/2019	1270	8/18/2020	1190
8/16/2016	3160	8/16/2017	2300	8/16/2018	1875	8/16/2019	1250	8/19/2020	1210
8/18/2016	3280	8/17/2017	2300	8/17/2018	1875	8/19/2019	1240	8/24/2020	1200
8/19/2016	3120	8/18/2017	2310	8/20/2018	1885	8/20/2019	1185	8/25/2020	1220
8/22/2016	3240	8/21/2017	2300	8/21/2018	1975	8/21/2019	1175	8/26/2020	1210
8/23/2016	3290	8/22/2017	2300	8/22/2018	1975	8/22/2019	1165	8/27/2020	1220
8/24/2016	3150	8/23/2017	2270	8/23/2018	2020	8/23/2019	1160	8/28/2020	1275
8/25/2016	3140	8/24/2017	2290	8/24/2018	2110	8/26/2019	1165	8/31/2020	1240
8/26/2016	3040	8/25/2017	2280	8/27/2018	2070	8/27/2019	1210		
8/29/2016	3100	8/28/2017	2280	8/28/2018	2070	8/28/2019	1205		
8/30/2016	3070	8/29/2017	2230	8/29/2018	2090	8/29/2019	1195		
8/31/2016	3030	8/30/2017	2200	8/30/2018	2100	8/30/2019	1235		
		8/31/2017	2210	8/31/2018	2100				

ANTM									
2016		2017		2018		2019		2020	
Tanggal	P	Tanggal	P	Tanggal	P	Tanggal	P	Tanggal	P
8/1/2016	805	8/1/2017	690	8/1/2018	940	8/1/2019	925	8/3/2020	700
8/2/2016	820	8/2/2017	685	8/2/2018	915	8/2/2019	900	8/4/2020	705
8/3/2016	820	8/3/2017	680	8/3/2018	900	8/5/2019	860	8/5/2020	750
8/4/2016	815	8/4/2017	660	8/6/2018	935	8/6/2019	940	8/6/2020	835
8/5/2016	815	8/7/2017	650	8/7/2018	925	8/7/2019	1005	8/7/2020	840
8/8/2016	810	8/8/2017	670	8/8/2018	920	8/8/2019	1020	8/10/2020	825
8/9/2016	800	8/9/2017	695	8/9/2018	910	8/9/2019	1065	8/11/2020	800
8/10/2016	795	8/10/2017	700	8/10/2018	895	8/12/2019	1035	8/12/2020	770
8/11/2016	775	8/11/2017	690	8/13/2018	855	8/13/2019	1065	8/13/2020	770
8/12/2016	780	8/14/2017	685	8/14/2018	845	8/14/2019	1110	8/14/2020	785
8/15/2016	750	8/15/2017	680	8/15/2018	865	8/15/2019	1120	8/18/2020	805
8/16/2016	755	8/16/2017	680	8/16/2018	830	8/16/2019	1120	8/19/2020	795

8/18/2016	785	8/17/2017	680	8/17/2018	830	8/19/2019	1085	8/24/2020	780
8/19/2016	790	8/18/2017	685	8/20/2018	855	8/20/2019	1050	8/25/2020	790
8/22/2016	775	8/21/2017	715	8/21/2018	835	8/21/2019	1070	8/26/2020	785
8/23/2016	765	8/22/2017	725	8/22/2018	835	8/22/2019	1040	8/27/2020	795
8/24/2016	775	8/23/2017	720	8/23/2018	870	8/23/2019	1015	8/28/2020	820
8/25/2016	770	8/24/2017	740	8/24/2018	875	8/26/2019	1030	8/31/2020	820
8/26/2016	750	8/25/2017	720	8/27/2018	895	8/27/2019	1020		
8/29/2016	715	8/28/2017	715	8/28/2018	880	8/28/2019	1050		
8/30/2016	715	8/29/2017	730	8/29/2018	875	8/29/2019	1055		
8/31/2016	720	8/30/2017	755	8/30/2018	865	8/30/2019	1070		
		8/31/2017	740	8/31/2018	870				

CTRA									
2016		2017		2018		2019		2020	
Tanggal	P	Tanggal	P	Tanggal	P	Tanggal	P	Tanggal	P
8/1/2016	1480	8/1/2017	1025	8/1/2018	995	8/1/2019	1250	8/3/2020	610
8/2/2016	1460	8/2/2017	1040	8/2/2018	980	8/2/2019	1275	8/4/2020	645
8/3/2016	1425	8/3/2017	1070	8/3/2018	975	8/5/2019	1200	8/5/2020	650
8/4/2016	1455	8/4/2017	1065	8/6/2018	1005	8/6/2019	1225	8/6/2020	645
8/5/2016	1475	8/7/2017	1055	8/7/2018	1025	8/7/2019	1180	8/7/2020	635
8/8/2016	1545	8/8/2017	1100	8/8/2018	1010	8/8/2019	1210	8/10/2020	635
8/9/2016	1620	8/9/2017	1190	8/9/2018	970	8/9/2019	1225	8/11/2020	660
8/10/2016	1615	8/10/2017	1160	8/10/2018	990	8/12/2019	1185	8/12/2020	680
8/11/2016	1700	8/11/2017	1120	8/13/2018	970	8/13/2019	1200	8/13/2020	670
8/12/2016	1700	8/14/2017	1165	8/14/2018	900	8/14/2019	1210	8/14/2020	665
8/15/2016	1625	8/15/2017	1180	8/15/2018	865	8/15/2019	1200	8/18/2020	715
8/16/2016	1655	8/16/2017	1220	8/16/2018	835	8/16/2019	1235	8/19/2020	710
8/18/2016	1685	8/17/2017	1220	8/17/2018	835	8/19/2019	1240	8/24/2020	735
8/19/2016	1705	8/18/2017	1215	8/20/2018	850	8/20/2019	1265	8/25/2020	770
8/22/2016	1645	8/21/2017	1235	8/21/2018	845	8/21/2019	1260	8/26/2020	760
8/23/2016	1675	8/22/2017	1230	8/22/2018	845	8/22/2019	1255	8/27/2020	770
8/24/2016	1640	8/23/2017	1210	8/23/2018	895	8/23/2019	1220	8/28/2020	785
8/25/2016	1615	8/24/2017	1190	8/24/2018	875	8/26/2019	1160	8/31/2020	770
8/26/2016	1580	8/25/2017	1215	8/27/2018	890	8/27/2019	1115		
8/29/2016	1525	8/28/2017	1190	8/28/2018	895	8/28/2019	1090		
8/30/2016	1495	8/29/2017	1170	8/29/2018	880	8/29/2019	1085		
8/31/2016	1545	8/30/2017	1185	8/30/2018	855	8/30/2019	1095		



		8/31/2017	1170	8/31/2018	845			
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EXCL									
2016		2017		2018		2019		2020	
Tanggal	P	Tanggal	P	Tanggal	P	Tanggal	P	Tanggal	P
8/1/2016	3640	8/1/2017	3470	8/1/2018	2730	8/1/2019	3280	8/3/2020	2380
8/2/2016	3640	8/2/2017	3600	8/2/2018	2730	8/2/2019	3260	8/4/2020	2440
8/3/2016	3650	8/3/2017	3570	8/3/2018	2730	8/5/2019	3130	8/5/2020	2480
8/4/2016	3660	8/4/2017	3430	8/6/2018	2850	8/6/2019	3140	8/6/2020	2530
8/5/2016	3650	8/7/2017	3390	8/7/2018	3050	8/7/2019	3300	8/7/2020	2440
8/8/2016	3720	8/8/2017	3520	8/8/2018	3050	8/8/2019	3350	8/10/2020	2450
8/9/2016	3670	8/9/2017	3420	8/9/2018	3160	8/9/2019	3310	8/11/2020	2410
8/10/2016	3680	8/10/2017	3450	8/10/2018	3070	8/12/2019	3360	8/12/2020	2430
8/11/2016	3680	8/11/2017	3390	8/13/2018	2850	8/13/2019	3340	8/13/2020	2610
8/12/2016	3540	8/14/2017	3400	8/14/2018	2730	8/14/2019	3360	8/14/2020	2550
8/15/2016	3580	8/15/2017	3490	8/15/2018	2920	8/15/2019	3320	8/18/2020	2520
8/16/2016	3640	8/16/2017	3460	8/16/2018	2890	8/16/2019	3250	8/19/2020	2520
8/18/2016	3690	8/17/2017	3460	8/17/2018	2890	8/19/2019	3250	8/24/2020	2490
8/19/2016	3680	8/18/2017	3440	8/20/2018	2990	8/20/2019	3250	8/25/2020	2480
8/22/2016	3740	8/21/2017	3380	8/21/2018	3050	8/21/2019	3270	8/26/2020	2540
8/23/2016	3370	8/22/2017	3420	8/22/2018	3050	8/22/2019	3350	8/27/2020	2540
8/24/2016	3150	8/23/2017	3590	8/23/2018	2990	8/23/2019	3330	8/28/2020	2550
8/25/2016	3080	8/24/2017	3510	8/24/2018	2950	8/26/2019	3320	8/31/2020	2440
8/26/2016	3130	8/25/2017	3660	8/27/2018	2980	8/27/2019	3380		
8/29/2016	2960	8/28/2017	3630	8/28/2018	2940	8/28/2019	3330		
8/30/2016	2850	8/29/2017	3630	8/29/2018	3090	8/29/2019	3390		
8/31/2016	2840	8/30/2017	3640	8/30/2018	3150	8/30/2019	3480		
		8/31/2017	3600	8/31/2018	3180				

JSMR									
2016		2017		2018		2019		2020	
Tanggal	P	Tanggal	P	Tanggal	P	Tanggal	P	Tanggal	P
8/1/2016	5487.149	8/1/2017	5650	8/1/2018	4810	8/1/2019	5875	8/3/2020	3860
8/2/2016	5487.149	8/2/2017	5675	8/2/2018	4860	8/2/2019	5825	8/4/2020	4050
8/3/2016	5462.208	8/3/2017	5550	8/3/2018	5000	8/5/2019	5600	8/5/2020	4210

8/4/2016	5537.032	8/4/2017	5475	8/6/2018	4960	8/6/2019	5675	8/6/2020	4070
8/5/2016	5537.032	8/7/2017	5350	8/7/2018	4980	8/7/2019	5700	8/7/2020	4030
8/8/2016	5611.857	8/8/2017	5475	8/8/2018	4990	8/8/2019	5725	8/10/2020	4010
8/9/2016	5512.091	8/9/2017	5600	8/9/2018	4870	8/9/2019	5725	8/11/2020	4050
8/10/2016	5586.916	8/10/2017	5575	8/10/2018	4950	8/12/2019	5850	8/12/2020	4120
8/11/2016	5512.091	8/11/2017	5500	8/13/2018	4650	8/13/2019	5750	8/13/2020	4140
8/12/2016	5362.441	8/14/2017	5450	8/14/2018	4510	8/14/2019	5725	8/14/2020	4060
8/15/2016	5287.616	8/15/2017	5500	8/15/2018	4620	8/15/2019	5850	8/18/2020	4050
8/16/2016	5312.558	8/16/2017	5575	8/16/2018	4460	8/16/2019	5750	8/19/2020	3980
8/18/2016	5212.792	8/17/2017	5575	8/17/2018	4460	8/19/2019	5750	8/24/2020	3950
8/19/2016	5088.083	8/18/2017	5500	8/20/2018	4610	8/20/2019	5700	8/25/2020	3960
8/22/2016	5038.201	8/21/2017	5450	8/21/2018	4680	8/21/2019	5675	8/26/2020	3940
8/23/2016	5088.083	8/22/2017	5450	8/22/2018	4680	8/22/2019	5675	8/27/2020	3940
8/24/2016	5038.201	8/23/2017	5475	8/23/2018	4610	8/23/2019	5700	8/28/2020	3980
8/25/2016	5088.083	8/24/2017	5575	8/24/2018	4600	8/26/2019	5700	8/31/2020	3910
8/26/2016	5013.259	8/25/2017	5575	8/27/2018	4660	8/27/2019	5525		
8/29/2016	4978.341	8/28/2017	5575	8/28/2018	4660	8/28/2019	5350		
8/30/2016	4888.551	8/29/2017	5625	8/29/2018	4700	8/29/2019	5475		
8/31/2016	4848.645	8/30/2017	5775	8/30/2018	4610	8/30/2019	5600		
		8/31/2017	5825	8/31/2018	4530				

LPKR									
2016		2017		2018		2019		2020	
Tanggal	P	Tanggal	P	Tanggal	P	Tanggal	P	Tanggal	P
8/1/2016	928.4742	8/1/2017	559.4652	8/1/2018	292.0329	8/1/2019	282	8/3/2020	132
8/2/2016	904.6671	8/2/2017	587.2401	8/2/2018	290.4458	8/2/2019	278	8/4/2020	140
8/3/2016	916.5706	8/3/2017	567.4009	8/3/2018	290.4458	8/5/2019	258	8/5/2020	143
8/4/2016	944.3455	8/4/2017	583.2722	8/6/2018	293.62	8/6/2019	262	8/6/2020	143
8/5/2016	936.4099	8/7/2017	583.2722	8/7/2018	295.2072	8/7/2019	260	8/7/2020	138
8/8/2016	924.5063	8/8/2017	595.1757	8/8/2018	292.0329	8/8/2019	260	8/10/2020	141
8/9/2016	920.5385	8/9/2017	611.0471	8/9/2018	292.0329	8/9/2019	262	8/11/2020	139
8/10/2016	928.4742	8/10/2017	618.9828	8/10/2018	285.6844	8/12/2019	262	8/12/2020	140
8/11/2016	924.5063	8/11/2017	603.1115	8/13/2018	271.4001	8/13/2019	260	8/13/2020	139
8/12/2016	928.4742	8/14/2017	615.015	8/14/2018	279.3358	8/14/2019	262	8/14/2020	139
8/15/2016	912.6028	8/15/2017	618.9828	8/15/2018	285.6844	8/15/2019	262	8/18/2020	141
8/16/2016	912.6028	8/16/2017	622.9506	8/16/2018	277.7487	8/16/2019	262	8/19/2020	141
8/18/2016	928.4742	8/17/2017	622.9506	8/17/2018	277.7487	8/19/2019	262	8/24/2020	149

8/19/2016	916.5706	8/18/2017	622.9506	8/20/2018	282.5101	8/20/2019	262	8/25/2020	164
8/22/2016	920.5385	8/21/2017	626.9185	8/21/2018	279.3358	8/21/2019	258	8/26/2020	157
8/23/2016	916.5706	8/22/2017	622.9506	8/22/2018	279.3358	8/22/2019	260	8/27/2020	157
8/24/2016	908.6349	8/23/2017	618.9828	8/23/2018	280.9229	8/23/2019	258	8/28/2020	158
8/25/2016	920.5385	8/24/2017	618.9828	8/24/2018	279.3358	8/26/2019	254	8/31/2020	157
8/26/2016	912.6028	8/25/2017	618.9828	8/27/2018	276.1615	8/27/2019	248		
8/29/2016	884.8279	8/28/2017	630.8863	8/28/2018	277.7487	8/28/2019	256		
8/30/2016	904.6671	8/29/2017	630.8863	8/29/2018	276.1615	8/29/2019	258		
8/31/2016	872.9244	8/30/2017	626.9185	8/30/2018	274.5744	8/30/2019	254		
		8/31/2017	622.9506	8/31/2018	282.5101				

PWON									
2016		2017		2018		2019		2020	
Tanggal	P	Tanggal	P	Tanggal	P	Tanggal	P	Tanggal	P
8/1/2016	685	8/1/2017	710	8/1/2018	545	8/1/2019	710	8/3/2020	396
8/2/2016	655	8/2/2017	690	8/2/2018	550	8/2/2019	700	8/4/2020	398
8/3/2016	640	8/3/2017	690	8/3/2018	535	8/5/2019	680	8/5/2020	392
8/4/2016	635	8/4/2017	700	8/6/2018	545	8/6/2019	685	8/6/2020	388
8/5/2016	635	8/7/2017	690	8/7/2018	560	8/7/2019	700	8/7/2020	376
8/8/2016	655	8/8/2017	690	8/8/2018	555	8/8/2019	710	8/10/2020	384
8/9/2016	680	8/9/2017	690	8/9/2018	555	8/9/2019	705	8/11/2020	394
8/10/2016	655	8/10/2017	680	8/10/2018	540	8/12/2019	690	8/12/2020	406
8/11/2016	665	8/11/2017	645	8/13/2018	515	8/13/2019	690	8/13/2020	400
8/12/2016	645	8/14/2017	645	8/14/2018	505	8/14/2019	695	8/14/2020	392
8/15/2016	640	8/15/2017	690	8/15/2018	505	8/15/2019	695	8/18/2020	406
8/16/2016	650	8/16/2017	680	8/16/2018	505	8/16/2019	685	8/19/2020	412
8/18/2016	650	8/17/2017	680	8/17/2018	505	8/19/2019	690	8/24/2020	416
8/19/2016	645	8/18/2017	670	8/20/2018	525	8/20/2019	680	8/25/2020	428
8/22/2016	655	8/21/2017	670	8/21/2018	525	8/21/2019	670	8/26/2020	422
8/23/2016	640	8/22/2017	655	8/22/2018	525	8/22/2019	685	8/27/2020	418
8/24/2016	630	8/23/2017	660	8/23/2018	530	8/23/2019	670	8/28/2020	420
8/25/2016	630	8/24/2017	665	8/24/2018	525	8/26/2019	645	8/31/2020	408
8/26/2016	625	8/25/2017	685	8/27/2018	525	8/27/2019	640		
8/29/2016	620	8/28/2017	685	8/28/2018	525	8/28/2019	625		
8/30/2016	605	8/29/2017	685	8/29/2018	515	8/29/2019	630		
8/31/2016	595	8/30/2017	670	8/30/2018	535	8/30/2019	640		
		8/31/2017	670	8/31/2018	515				

SMRA									
2016		2017		2018		2019		2020	
Tanggal	P	Tanggal	P	Tanggal	P	Tanggal	P	Tanggal	P
8/1/2016	1725	8/1/2017	995	8/1/2018	775	8/1/2019	1260	8/3/2020	542.623
8/2/2016	1740	8/2/2017	990	8/2/2018	770	8/2/2019	1230	8/4/2020	532.9334
8/3/2016	1740	8/3/2017	995	8/3/2018	765	8/5/2019	1210	8/5/2020	532.9334
8/4/2016	1740	8/4/2017	995	8/6/2018	770	8/6/2019	1245	8/6/2020	532.9334
8/5/2016	1775	8/7/2017	1005	8/7/2018	770	8/7/2019	1210	8/7/2020	513.554
8/8/2016	1815	8/8/2017	1025	8/8/2018	750	8/8/2019	1250	8/10/2020	508.7091
8/9/2016	1835	8/9/2017	1120	8/9/2018	745	8/9/2019	1260	8/11/2020	552.3127
8/10/2016	1800	8/10/2017	1095	8/10/2018	735	8/12/2019	1235	8/12/2020	552.3127
8/11/2016	1925	8/11/2017	1055	8/13/2018	700	8/13/2019	1260	8/13/2020	547.4679
8/12/2016	1925	8/14/2017	1065	8/14/2018	655	8/14/2019	1255	8/14/2020	547.4679
8/15/2016	1865	8/15/2017	1095	8/15/2018	650	8/15/2019	1215	8/18/2020	566.8473
8/16/2016	1865	8/16/2017	1130	8/16/2018	635	8/16/2019	1195	8/19/2020	566.8473
8/18/2016	1870	8/17/2017	1130	8/17/2018	635	8/19/2019	1200	8/24/2020	591.0715
8/19/2016	1865	8/18/2017	1120	8/20/2018	650	8/20/2019	1195	8/25/2020	610.4509
8/22/2016	1885	8/21/2017	1125	8/21/2018	650	8/21/2019	1220	8/26/2020	605.6061
8/23/2016	1940	8/22/2017	1095	8/22/2018	650	8/22/2019	1205	8/27/2020	620.1406
8/24/2016	1880	8/23/2017	1085	8/23/2018	690	8/23/2019	1200	8/28/2020	639.52
8/25/2016	1920	8/24/2017	1075	8/24/2018	675	8/26/2019	1165	8/31/2020	624.9855
8/26/2016	1850	8/25/2017	1100	8/27/2018	690	8/27/2019	1125		
8/29/2016	1770	8/28/2017	1090	8/28/2018	695	8/28/2019	1080		
8/30/2016	1775	8/29/2017	1060	8/29/2018	685	8/29/2019	1065		
8/31/2016	1750	8/30/2017	1055	8/30/2018	690	8/30/2019	1060		
		8/31/2017	1045	8/31/2018	660				

WSKT									
2016		2017		2018		2019		2020	
Tanggal	P	Tanggal	P	Tanggal	P	Tanggal	P	Tanggal	P
8/1/2016	2800	8/1/2017	2340	8/1/2018	2110	8/1/2019	1930	8/3/2020	585
8/2/2016	2800	8/2/2017	2340	8/2/2018	2070	8/2/2019	1870	8/4/2020	600
8/3/2016	2780	8/3/2017	2290	8/3/2018	2080	8/5/2019	1795	8/5/2020	625
8/4/2016	2790	8/4/2017	2280	8/6/2018	2180	8/6/2019	1820	8/6/2020	625

8/5/2016	2800	8/7/2017	2250	8/7/2018	2160	8/7/2019	1805	8/7/2020	620
8/8/2016	2810	8/8/2017	2280	8/8/2018	2090	8/8/2019	1790	8/10/2020	630
8/9/2016	2800	8/9/2017	2330	8/9/2018	2030	8/9/2019	1780	8/11/2020	655
8/10/2016	2820	8/10/2017	2310	8/10/2018	2110	8/12/2019	1775	8/12/2020	655
8/11/2016	2820	8/11/2017	2340	8/13/2018	1965	8/13/2019	1750	8/13/2020	640
8/12/2016	2750	8/14/2017	2350	8/14/2018	1925	8/14/2019	1845	8/14/2020	640
8/15/2016	2690	8/15/2017	2360	8/15/2018	1870	8/15/2019	1845	8/18/2020	660
8/16/2016	2800	8/16/2017	2320	8/16/2018	1840	8/16/2019	1815	8/19/2020	660
8/18/2016	2770	8/17/2017	2320	8/17/2018	1840	8/19/2019	1855	8/24/2020	675
8/19/2016	2770	8/18/2017	2290	8/20/2018	1900	8/20/2019	1845	8/25/2020	690
8/22/2016	2760	8/21/2017	2260	8/21/2018	1925	8/21/2019	1815	8/26/2020	685
8/23/2016	2780	8/22/2017	2280	8/22/2018	1925	8/22/2019	1810	8/27/2020	675
8/24/2016	2780	8/23/2017	2260	8/23/2018	1930	8/23/2019	1790	8/28/2020	665
8/25/2016	2790	8/24/2017	2260	8/24/2018	1915	8/26/2019	1750	8/31/2020	650
8/26/2016	2760	8/25/2017	2250	8/27/2018	1940	8/27/2019	1750		
8/29/2016	2750	8/28/2017	2250	8/28/2018	1945	8/28/2019	1740		
8/30/2016	2780	8/29/2017	2280	8/29/2018	2020	8/29/2019	1730		
8/31/2016	2790	8/30/2017	2270	8/30/2018	1950	8/30/2019	1745		
		8/31/2017	2220	8/31/2018	1895				

TPIA									
2016		2017		2018		2019		2020	
Tanggal	P	Tanggal	P	Tanggal	P	Tanggal	P	Tanggal	P
8/1/2016	1197.605	8/1/2017	5281.241	8/1/2018	5100	8/1/2019	6550	8/3/2020	7375
8/2/2016	1335.035	8/2/2017	5246.883	8/2/2018	5150	8/2/2019	6625	8/4/2020	7375
8/3/2016	1276.136	8/3/2017	5212.526	8/3/2018	5175	8/5/2019	6625	8/5/2020	7325
8/4/2016	1354.668	8/4/2017	5055.463	8/6/2018	5025	8/6/2019	6700	8/6/2020	7375
8/5/2016	1472.465	8/7/2017	5138.902	8/7/2018	5100	8/7/2019	6900	8/7/2020	7350
8/8/2016	1492.098	8/8/2017	5173.26	8/8/2018	5325	8/8/2019	7125	8/10/2020	7400
8/9/2016	1511.731	8/9/2017	5192.893	8/9/2018	5200	8/9/2019	7300	8/11/2020	7350
8/10/2016	1570.629	8/10/2017	5178.168	8/10/2018	5200	8/12/2019	7400	8/12/2020	7400
8/11/2016	1590.262	8/11/2017	5119.27	8/13/2018	5150	8/13/2019	7450	8/13/2020	7375
8/12/2016	1644.252	8/14/2017	5129.086	8/14/2018	4970	8/14/2019	7475	8/14/2020	7425
8/15/2016	1668.794	8/15/2017	5094.729	8/15/2018	4960	8/15/2019	7600	8/18/2020	7400
8/16/2016	1766.958	8/16/2017	4824.777	8/16/2018	5150	8/16/2019	7750	8/19/2020	7350
8/18/2016	1786.591	8/17/2017	4824.777	8/17/2018	5150	8/19/2019	7925	8/24/2020	7250
8/19/2016	1806.224	8/18/2017	4574.458	8/20/2018	5025	8/20/2019	8275	8/25/2020	7125

8/22/2016	1840.581	8/21/2017	4574.458	8/21/2018	5125	8/21/2019	8225	8/26/2020	7050
8/23/2016	1835.673	8/22/2017	4613.723	8/22/2018	5125	8/22/2019	8250	8/27/2020	7075
8/24/2016	1850.398	8/23/2017	4585	8/23/2018	5075	8/23/2019	8400	8/28/2020	7100
8/25/2016	1874.939	8/24/2017	4575	8/24/2018	5050	8/26/2019	8425	8/31/2020	7125
8/26/2016	1963.286	8/25/2017	4560	8/27/2018	5000	8/27/2019	8550		
8/29/2016	1963.286	8/28/2017	4560	8/28/2018	5275	8/28/2019	8675		
8/30/2016	2066.359	8/29/2017	4250	8/29/2018	5250	8/29/2019	8750		
8/31/2016	2139.982	8/30/2017	4280	8/30/2018	5250	8/30/2019	8825		
		8/31/2017	4230	8/31/2018	5500				

BRPT									
2016		2017		2018		2019		2020	
Tanggal	P	Tanggal	P	Tanggal	P	Tanggal	P	Tanggal	P
8/1/2016	65	8/1/2017	348	8/1/2018	366	8/1/2019	770	8/3/2020	895
8/2/2016	63.5	8/2/2017	356	8/2/2018	362	8/2/2019	754	8/4/2020	890
8/3/2016	62	8/3/2017	373	8/3/2018	361	8/5/2019	734	8/5/2020	900
8/4/2016	63.5	8/4/2017	369	8/6/2018	363	8/6/2019	720	8/6/2020	920
8/5/2016	63	8/7/2017	362	8/7/2018	366	8/7/2019	720	8/7/2020	885
8/8/2016	73	8/8/2017	361	8/8/2018	364	8/8/2019	765	8/10/2020	880
8/9/2016	72.5	8/9/2017	370	8/9/2018	377	8/9/2019	785	8/11/2020	935
8/10/2016	82.5	8/10/2017	364	8/10/2018	398	8/12/2019	765	8/12/2020	925
8/11/2016	84.5	8/11/2017	354	8/13/2018	382	8/13/2019	735	8/13/2020	910
8/12/2016	91	8/14/2017	354	8/14/2018	364	8/14/2019	740	8/14/2020	915
8/15/2016	90.5	8/15/2017	368	8/15/2018	363	8/15/2019	730	8/18/2020	930
8/16/2016	97	8/16/2017	372	8/16/2018	356	8/16/2019	735	8/19/2020	925
8/18/2016	97	8/17/2017	372	8/17/2018	356	8/19/2019	740	8/24/2020	900
8/19/2016	95	8/18/2017	371	8/20/2018	364	8/20/2019	725	8/25/2020	905
8/22/2016	95.5	8/21/2017	382	8/21/2018	371	8/21/2019	720	8/26/2020	895
8/23/2016	95	8/22/2017	396	8/22/2018	371	8/22/2019	720	8/27/2020	895
8/24/2016	95.5	8/23/2017	382	8/23/2018	366	8/23/2019	725	8/28/2020	890
8/25/2016	100.5	8/24/2017	386	8/24/2018	361	8/26/2019	725	8/31/2020	840
8/26/2016	103	8/25/2017	390	8/27/2018	358	8/27/2019	875		
8/29/2016	102	8/28/2017	394	8/28/2018	356	8/28/2019	910		
8/30/2016	104.5	8/29/2017	382	8/29/2018	360	8/29/2019	915		
8/31/2016	107.5	8/30/2017	394	8/30/2018	351	8/30/2019	905		
		8/31/2017	395	8/31/2018	343				

Lampiran 28. Daftar harga saham 29 emiten pada bulan September 2016 – 2020

ADRO									
2016		2017		2018		2019		2020	
Tanggal	P	Tanggal	P	Tanggal	P	Tanggal	P	Tanggal	P
9/1/2016	1185	9/1/2017	1825	9/3/2018	1855	9/2/2019	1155	9/1/2020	1140
9/2/2016	1170	9/4/2017	1815	9/4/2018	1805	9/3/2019	1190	9/2/2020	1215
9/5/2016	1220	9/5/2017	1860	9/5/2018	1700	9/4/2019	1235	9/3/2020	1205
9/6/2016	1225	9/6/2017	1890	9/6/2018	1725	9/5/2019	1260	9/4/2020	1205
9/7/2016	1245	9/7/2017	1865	9/7/2018	1730	9/6/2019	1335	9/7/2020	1250
9/8/2016	1270	9/8/2017	1885	9/10/2018	1735	9/9/2019	1415	9/8/2020	1240
9/9/2016	1270	9/11/2017	1900	9/11/2018	1735	9/10/2019	1410	9/9/2020	1200
9/13/2016	1165	9/12/2017	1865	9/12/2018	1760	9/11/2019	1470	9/10/2020	1120
9/14/2016	1120	9/13/2017	1715	9/13/2018	1735	9/12/2019	1435	9/11/2020	1180
9/15/2016	1165	9/14/2017	1740	9/14/2018	1740	9/13/2019	1375	9/14/2020	1200
9/16/2016	1165	9/15/2017	1775	9/17/2018	1715	9/16/2019	1430	9/15/2020	1190
9/19/2016	1185	9/18/2017	1820	9/18/2018	1750	9/17/2019	1435	9/16/2020	1145
9/20/2016	1180	9/19/2017	1870	9/19/2018	1740	9/18/2019	1405	9/17/2020	1130
9/21/2016	1170	9/20/2017	1860	9/20/2018	1805	9/19/2019	1370	9/18/2020	1145
9/22/2016	1185	9/21/2017	1860	9/21/2018	1880	9/20/2019	1400	9/21/2020	1145
9/23/2016	1210	9/22/2017	1815	9/24/2018	1820	9/23/2019	1370	9/22/2020	1160
9/26/2016	1200	9/25/2017	1755	9/25/2018	1815	9/24/2019	1295	9/23/2020	1160
9/27/2016	1210	9/26/2017	1710	9/26/2018	1815	9/25/2019	1310	9/24/2020	1130
9/28/2016	1200	9/27/2017	1670	9/27/2018	1825	9/26/2019	1285	9/25/2020	1140
9/29/2016	1280	9/28/2017	1765	9/28/2018	1835	9/27/2019	1315	9/28/2020	1130
9/30/2016	1205	9/29/2017	1825			9/30/2019	1290	9/29/2020	1165
								9/30/2020	1135

AKRA									
2016		2017		2018		2019		2020	
Tanggal	P	Tanggal	P	Tanggal	P	Tanggal	P	Tanggal	P
9/1/2016	6750	9/1/2017	6775	9/3/2018	3610	9/2/2019	4240	9/1/2020	2950
9/2/2016	6750	9/4/2017	6850	9/4/2018	3530	9/3/2019	4270	9/2/2020	2960
9/5/2016	6850	9/5/2017	6950	9/5/2018	3330	9/4/2019	4230	9/3/2020	2860
9/6/2016	6900	9/6/2017	7100	9/6/2018	3300	9/5/2019	4140	9/4/2020	2850
9/7/2016	6900	9/7/2017	7175	9/7/2018	3310	9/6/2019	4140	9/7/2020	2850
9/8/2016	6900	9/8/2017	7200	9/10/2018	3260	9/9/2019	4090	9/8/2020	2850

9/9/2016	6800	9/11/2017	7200	9/11/2018	3260	9/10/2019	4070	9/9/2020	2830
9/13/2016	6450	9/12/2017	6900	9/12/2018	3490	9/11/2019	4090	9/10/2020	2640
9/14/2016	6650	9/13/2017	6825	9/13/2018	3490	9/12/2019	4040	9/11/2020	2750
9/15/2016	6625	9/14/2017	6850	9/14/2018	3600	9/13/2019	4030	9/14/2020	2840
9/16/2016	6475	9/15/2017	6975	9/17/2018	3580	9/16/2019	4010	9/15/2020	2740
9/19/2016	6550	9/18/2017	6925	9/18/2018	3550	9/17/2019	3970	9/16/2020	2780
9/20/2016	6675	9/19/2017	7000	9/19/2018	3490	9/18/2019	3970	9/17/2020	2700
9/21/2016	6625	9/20/2017	7000	9/20/2018	3570	9/19/2019	3910	9/18/2020	2740
9/22/2016	6575	9/21/2017	7000	9/21/2018	3590	9/20/2019	3910	9/21/2020	2660
9/23/2016	6775	9/22/2017	7150	9/24/2018	3540	9/23/2019	3840	9/22/2020	2590
9/26/2016	6625	9/25/2017	7075	9/25/2018	3580	9/24/2019	3780	9/23/2020	2550
9/27/2016	6700	9/26/2017	6975	9/26/2018	3590	9/25/2019	3720	9/24/2020	2510
9/28/2016	6450	9/27/2017	7125	9/27/2018	3640	9/26/2019	3720	9/25/2020	2610
9/29/2016	6575	9/28/2017	7000	9/28/2018	3670	9/27/2019	3690	9/28/2020	2600
9/30/2016	6450	9/29/2017	7100			9/30/2019	3800	9/29/2020	2530
								9/30/2020	2550

ASII									
2016		2017		2018		2019		2020	
Tanggal	P	Tanggal	P	Tanggal	P	Tanggal	P	Tanggal	P
9/1/2016	8025	9/1/2017	7875	9/3/2018	7100	9/2/2019	6550	9/1/2020	5250
9/2/2016	8100	9/4/2017	7750	9/4/2018	7075	9/3/2019	6475	9/2/2020	5300
9/5/2016	8275	9/5/2017	7800	9/5/2018	6775	9/4/2019	6500	9/3/2020	5175
9/6/2016	8300	9/6/2017	7825	9/6/2018	6800	9/5/2019	6700	9/4/2020	5050
9/7/2016	8300	9/7/2017	7650	9/7/2018	7175	9/6/2019	6750	9/7/2020	5025
9/8/2016	8300	9/8/2017	7825	9/10/2018	7175	9/9/2019	6650	9/8/2020	5125
9/9/2016	8225	9/11/2017	7900	9/11/2018	7175	9/10/2019	6675	9/9/2020	4900
9/13/2016	7950	9/12/2017	7900	9/12/2018	7125	9/11/2019	6925	9/10/2020	4560
9/14/2016	7725	9/13/2017	7900	9/13/2018	7075	9/12/2019	6750	9/11/2020	4630
9/15/2016	8150	9/14/2017	7900	9/14/2018	7225	9/13/2019	6750	9/14/2020	4790
9/16/2016	7975	9/15/2017	7850	9/17/2018	6950	9/16/2019	6700	9/15/2020	4820
9/19/2016	8225	9/18/2017	7850	9/18/2018	7025	9/17/2019	6475	9/16/2020	4780
9/20/2016	8300	9/19/2017	7925	9/19/2018	7400	9/18/2019	6700	9/17/2020	4860
9/21/2016	8550	9/20/2017	7825	9/20/2018	7500	9/19/2019	6600	9/18/2020	4780
9/22/2016	8775	9/21/2017	7825	9/21/2018	7250	9/20/2019	6575	9/21/2020	4670
9/23/2016	8600	9/22/2017	7775	9/24/2018	7125	9/23/2019	6625	9/22/2020	4670
9/26/2016	8425	9/25/2017	7800	9/25/2018	7200	9/24/2019	6475	9/23/2020	4630



9/27/2016	8700	9/26/2017	7800	9/26/2018	7350	9/25/2019	6500	9/24/2020	4600
9/28/2016	8725	9/27/2017	7825	9/27/2018	7375	9/26/2019	6700	9/25/2020	4860
9/29/2016	8675	9/28/2017	7700	9/28/2018	7350	9/27/2019	6650	9/28/2020	4740
9/30/2016	8250	9/29/2017	7900			9/30/2019	6600	9/29/2020	4570
								9/30/2020	4460

ICBP									
2016		2017		2018		2019		2020	
Tanggal	P	Tanggal	P	Tanggal	P	Tanggal	P	Tanggal	P
9/1/2016	10000	9/1/2017	8725	9/3/2018	8700	9/2/2019	11975	9/1/2020	10225
9/2/2016	9700	9/4/2017	8675	9/4/2018	8650	9/3/2019	12000	9/2/2020	10200
9/5/2016	9450	9/5/2017	8575	9/5/2018	8400	9/4/2019	12000	9/3/2020	10225
9/6/2016	9475	9/6/2017	8775	9/6/2018	8650	9/5/2019	12000	9/4/2020	10300
9/7/2016	9700	9/7/2017	8725	9/7/2018	8850	9/6/2019	11900	9/7/2020	10325
9/8/2016	9800	9/8/2017	8725	9/10/2018	8900	9/9/2019	11850	9/8/2020	10325
9/9/2016	9425	9/11/2017	8700	9/11/2018	8900	9/10/2019	12025	9/9/2020	10275
9/13/2016	9425	9/12/2017	8775	9/12/2018	8875	9/11/2019	11950	9/10/2020	9975
9/14/2016	9025	9/13/2017	8775	9/13/2018	8850	9/12/2019	11925	9/11/2020	10250
9/15/2016	9450	9/14/2017	8725	9/14/2018	8925	9/13/2019	11600	9/14/2020	10550
9/16/2016	9475	9/15/2017	8700	9/17/2018	8825	9/16/2019	11825	9/15/2020	10400
9/19/2016	9700	9/18/2017	8775	9/18/2018	8775	9/17/2019	11950	9/16/2020	10450
9/20/2016	9600	9/19/2017	8825	9/19/2018	8725	9/18/2019	11875	9/17/2020	10200
9/21/2016	9600	9/20/2017	8850	9/20/2018	8850	9/19/2019	11900	9/18/2020	10175
9/22/2016	9475	9/21/2017	8850	9/21/2018	8950	9/20/2019	11950	9/21/2020	10150
9/23/2016	9500	9/22/2017	8875	9/24/2018	8800	9/23/2019	11875	9/22/2020	10250
9/26/2016	9350	9/25/2017	8900	9/25/2018	8850	9/24/2019	11800	9/23/2020	10350
9/27/2016	9300	9/26/2017	8800	9/26/2018	8600	9/25/2019	11800	9/24/2020	10100
9/28/2016	9625	9/27/2017	8825	9/27/2018	8825	9/26/2019	12000	9/25/2020	10050
9/29/2016	9725	9/28/2017	8725	9/28/2018	8825	9/27/2019	11950	9/28/2020	10075
9/30/2016	9475	9/29/2017	8725			9/30/2019	12025	9/29/2020	10150
								9/30/2020	10075

INCO									
2016		2017		2018		2019		2020	
Tanggal	P	Tanggal	P	Tanggal	P	Tanggal	P	Tanggal	P

9/1/2016	2670	9/1/2017	2970	9/3/2018	3560	9/2/2019	3970	9/1/2020	3910
9/2/2016	2660	9/4/2017	3010	9/4/2018	3490	9/3/2019	3830	9/2/2020	3980
9/5/2016	2810	9/5/2017	2980	9/5/2018	3190	9/4/2019	3870	9/3/2020	3910
9/6/2016	2880	9/6/2017	2990	9/6/2018	3250	9/5/2019	3730	9/4/2020	3910
9/7/2016	2920	9/7/2017	3000	9/7/2018	3220	9/6/2019	3720	9/7/2020	3910
9/8/2016	2900	9/8/2017	2980	9/10/2018	3350	9/9/2019	3810	9/8/2020	3880
9/9/2016	2820	9/11/2017	2980	9/11/2018	3350	9/10/2019	3760	9/9/2020	3770
9/13/2016	2760	9/12/2017	3020	9/12/2018	3330	9/11/2019	3870	9/10/2020	3650
9/14/2016	2620	9/13/2017	2970	9/13/2018	3450	9/12/2019	3850	9/11/2020	3820
9/15/2016	2660	9/14/2017	2840	9/14/2018	3390	9/13/2019	3680	9/14/2020	3960
9/16/2016	2620	9/15/2017	2730	9/17/2018	3250	9/16/2019	3570	9/15/2020	3950
9/19/2016	2660	9/18/2017	2760	9/18/2018	3200	9/17/2019	3590	9/16/2020	3930
9/20/2016	2690	9/19/2017	2680	9/19/2018	3330	9/18/2019	3740	9/17/2020	3870
9/21/2016	2680	9/20/2017	2790	9/20/2018	3500	9/19/2019	3690	9/18/2020	3910
9/22/2016	2840	9/21/2017	2790	9/21/2018	3660	9/20/2019	3860	9/21/2020	3860
9/23/2016	2840	9/22/2017	2600	9/24/2018	3590	9/23/2019	3820	9/22/2020	3730
9/26/2016	2710	9/25/2017	2650	9/25/2018	3640	9/24/2019	3640	9/23/2020	3650
9/27/2016	2970	9/26/2017	2640	9/26/2018	3690	9/25/2019	3580	9/24/2020	3510
9/28/2016	2970	9/27/2017	2600	9/27/2018	3700	9/26/2019	3680	9/25/2020	3620
9/29/2016	2950	9/28/2017	2520	9/28/2018	3710	9/27/2019	3550	9/28/2020	3620
9/30/2016	2950	9/29/2017	2590			9/30/2019	3510	9/29/2020	3620
								9/30/2020	3560

INDF									
2016		2017		2018		2019		2020	
Tanggal	P	Tanggal	P	Tanggal	P	Tanggal	P	Tanggal	P
9/1/2016	8000	9/1/2017	8375	9/3/2018	6375	9/2/2019	8000	9/1/2020	7650
9/2/2016	8000	9/4/2017	8375	9/4/2018	6350	9/3/2019	8000	9/2/2020	7750
9/5/2016	8125	9/5/2017	8375	9/5/2018	5950	9/4/2019	7925	9/3/2020	7725
9/6/2016	8375	9/6/2017	8375	9/6/2018	5950	9/5/2019	8025	9/4/2020	7600
9/7/2016	8525	9/7/2017	8525	9/7/2018	6100	9/6/2019	7975	9/7/2020	7800
9/8/2016	8425	9/8/2017	8650	9/10/2018	6125	9/9/2019	8000	9/8/2020	7900
9/9/2016	8200	9/11/2017	8600	9/11/2018	6125	9/10/2019	7950	9/9/2020	7575
9/13/2016	8175	9/12/2017	8700	9/12/2018	6125	9/11/2019	7750	9/10/2020	7250
9/14/2016	8000	9/13/2017	8575	9/13/2018	6000	9/12/2019	7550	9/11/2020	7575
9/15/2016	8475	9/14/2017	8525	9/14/2018	6175	9/13/2019	7500	9/14/2020	7800
9/16/2016	8475	9/15/2017	8500	9/17/2018	6100	9/16/2019	7750	9/15/2020	7675

9/19/2016	8400	9/18/2017	8475	9/18/2018	5925	9/17/2019	7775	9/16/2020	7600
9/20/2016	8350	9/19/2017	8575	9/19/2018	5850	9/18/2019	7875	9/17/2020	7400
9/21/2016	8600	9/20/2017	8725	9/20/2018	6000	9/19/2019	7875	9/18/2020	7525
9/22/2016	8675	9/21/2017	8725	9/21/2018	6075	9/20/2019	7700	9/21/2020	7525
9/23/2016	8875	9/22/2017	8525	9/24/2018	5975	9/23/2019	7650	9/22/2020	7525
9/26/2016	8750	9/25/2017	8625	9/25/2018	6000	9/24/2019	7600	9/23/2020	7425
9/27/2016	9125	9/26/2017	8525	9/26/2018	5975	9/25/2019	7625	9/24/2020	7125
9/28/2016	9000	9/27/2017	8550	9/27/2018	5975	9/26/2019	7725	9/25/2020	7125
9/29/2016	9150	9/28/2017	8400	9/28/2018	5900	9/27/2019	7825	9/28/2020	7000
9/30/2016	8700	9/29/2017	8425			9/30/2019	7700	9/29/2020	7000
								9/30/2020	7150

KLB									
2016		2017		2018		2019		2020	
Tanggal	P	Tanggal	P	Tanggal	P	Tanggal	P	Tanggal	P
9/1/2016	1795	9/1/2017	1710	9/3/2018	1320	9/2/2019	1675	9/1/2020	1595
9/2/2016	1760	9/4/2017	1695	9/4/2018	1270	9/3/2019	1650	9/2/2020	1600
9/5/2016	1720	9/5/2017	1715	9/5/2018	1210	9/4/2019	1660	9/3/2020	1595
9/6/2016	1780	9/6/2017	1695	9/6/2018	1215	9/5/2019	1670	9/4/2020	1590
9/7/2016	1790	9/7/2017	1700	9/7/2018	1235	9/6/2019	1675	9/7/2020	1600
9/8/2016	1755	9/8/2017	1730	9/10/2018	1225	9/9/2019	1675	9/8/2020	1580
9/9/2016	1710	9/11/2017	1725	9/11/2018	1225	9/10/2019	1680	9/9/2020	1555
9/13/2016	1695	9/12/2017	1725	9/12/2018	1200	9/11/2019	1680	9/10/2020	1480
9/14/2016	1680	9/13/2017	1720	9/13/2018	1190	9/12/2019	1690	9/11/2020	1575
9/15/2016	1715	9/14/2017	1725	9/14/2018	1235	9/13/2019	1680	9/14/2020	1590
9/16/2016	1695	9/15/2017	1725	9/17/2018	1220	9/16/2019	1680	9/15/2020	1545
9/19/2016	1700	9/18/2017	1750	9/18/2018	1210	9/17/2019	1680	9/16/2020	1540
9/20/2016	1725	9/19/2017	1750	9/19/2018	1255	9/18/2019	1680	9/17/2020	1515
9/21/2016	1700	9/20/2017	1735	9/20/2018	1260	9/19/2019	1680	9/18/2020	1545
9/22/2016	1720	9/21/2017	1735	9/21/2018	1290	9/20/2019	1665	9/21/2020	1500
9/23/2016	1740	9/22/2017	1740	9/24/2018	1290	9/23/2019	1665	9/22/2020	1455
9/26/2016	1715	9/25/2017	1705	9/25/2018	1320	9/24/2019	1660	9/23/2020	1530
9/27/2016	1730	9/26/2017	1680	9/26/2018	1320	9/25/2019	1670	9/24/2020	1515
9/28/2016	1795	9/27/2017	1740	9/27/2018	1355	9/26/2019	1670	9/25/2020	1580
9/29/2016	1745	9/28/2017	1670	9/28/2018	1380	9/27/2019	1675	9/28/2020	1525
9/30/2016	1715	9/29/2017	1665			9/30/2019	1675	9/29/2020	1510
								9/30/2020	1550

PTBA									
2016		2017		2018		2019		2020	
Tanggal	P	Tanggal	P	Tanggal	P	Tanggal	P	Tanggal	P
9/1/2016	1960	9/1/2017	2475	9/3/2018	4100	9/2/2019	2420	9/1/2020	2100
9/2/2016	1940	9/4/2017	2340	9/4/2018	4000	9/3/2019	2440	9/2/2020	2150
9/5/2016	2000	9/5/2017	2430	9/5/2018	3790	9/4/2019	2440	9/3/2020	2140
9/6/2016	2020	9/6/2017	2455	9/6/2018	3810	9/5/2019	2470	9/4/2020	2100
9/7/2016	2075	9/7/2017	2420	9/7/2018	3770	9/6/2019	2600	9/7/2020	2110
9/8/2016	2020	9/8/2017	2475	9/10/2018	3720	9/9/2019	2700	9/8/2020	2080
9/9/2016	2025	9/11/2017	2470	9/11/2018	3720	9/10/2019	2650	9/9/2020	2040
9/13/2016	1905	9/12/2017	2435	9/12/2018	3940	9/11/2019	2690	9/10/2020	1900
9/14/2016	1850	9/13/2017	2015	9/13/2018	3970	9/12/2019	2620	9/11/2020	1970
9/15/2016	1930	9/14/2017	1995	9/14/2018	3970	9/13/2019	2560	9/14/2020	2050
9/16/2016	1920	9/15/2017	1925	9/17/2018	3930	9/16/2019	2580	9/15/2020	2050
9/19/2016	1935	9/18/2017	2075	9/18/2018	4130	9/17/2019	2570	9/16/2020	2040
9/20/2016	1895	9/19/2017	2090	9/19/2018	4140	9/18/2019	2550	9/17/2020	2010
9/21/2016	1955	9/20/2017	2085	9/20/2018	4160	9/19/2019	2460	9/18/2020	2000
9/22/2016	1970	9/21/2017	2085	9/21/2018	4170	9/20/2019	2470	9/21/2020	2000
9/23/2016	2005	9/22/2017	2055	9/24/2018	4120	9/23/2019	2400	9/22/2020	2000
9/26/2016	1970	9/25/2017	1995	9/25/2018	4130	9/24/2019	2320	9/23/2020	1980
9/27/2016	1960	9/26/2017	1980	9/26/2018	4110	9/25/2019	2300	9/24/2020	1950
9/28/2016	1940	9/27/2017	1845	9/27/2018	4160	9/26/2019	2300	9/25/2020	1990
9/29/2016	2005	9/28/2017	2000	9/28/2018	4320	9/27/2019	2300	9/28/2020	1970
9/30/2016	1925	9/29/2017	2090			9/30/2019	2260	9/29/2020	1985
								9/30/2020	1970

SMGR									
2016		2017		2018		2019		2020	
Tanggal	P	Tanggal	P	Tanggal	P	Tanggal	P	Tanggal	P
9/1/2016	9800	9/1/2017	10475	9/3/2018	9275	9/2/2019	13275	9/1/2020	11000
9/2/2016	10000	9/4/2017	9975	9/4/2018	9275	9/3/2019	13300	9/2/2020	10700
9/5/2016	10150	9/5/2017	9700	9/5/2018	8850	9/4/2019	13350	9/3/2020	10525
9/6/2016	10200	9/6/2017	9700	9/6/2018	8875	9/5/2019	13425	9/4/2020	10350
9/7/2016	10050	9/7/2017	9825	9/7/2018	8975	9/6/2019	13450	9/7/2020	10575

9/8/2016	10050	9/8/2017	10300	9/10/2018	8775	9/9/2019	13425	9/8/2020	10200
9/9/2016	10050	9/11/2017	10450	9/11/2018	8775	9/10/2019	12850	9/9/2020	10100
9/13/2016	9850	9/12/2017	10450	9/12/2018	8700	9/11/2019	12175	9/10/2020	9400
9/14/2016	9700	9/13/2017	10600	9/13/2018	9000	9/12/2019	12475	9/11/2020	9400
9/15/2016	9950	9/14/2017	10500	9/14/2018	9000	9/13/2019	12800	9/14/2020	9850
9/16/2016	9900	9/15/2017	10375	9/17/2018	8800	9/16/2019	12900	9/15/2020	9625
9/19/2016	10125	9/18/2017	10000	9/18/2018	8525	9/17/2019	12725	9/16/2020	9400
9/20/2016	10000	9/19/2017	9950	9/19/2018	9000	9/18/2019	12825	9/17/2020	9300
9/21/2016	9825	9/20/2017	10100	9/20/2018	9075	9/19/2019	12450	9/18/2020	9325
9/22/2016	10100	9/21/2017	10100	9/21/2018	9300	9/20/2019	12850	9/21/2020	9200
9/23/2016	10400	9/22/2017	10000	9/24/2018	9125	9/23/2019	12500	9/22/2020	9025
9/26/2016	10400	9/25/2017	9950	9/25/2018	9025	9/24/2019	12275	9/23/2020	8900
9/27/2016	10450	9/26/2017	9900	9/26/2018	9150	9/25/2019	12225	9/24/2020	8800
9/28/2016	10500	9/27/2017	9625	9/27/2018	9425	9/26/2019	12250	9/25/2020	8800
9/29/2016	10575	9/28/2017	9950	9/28/2018	9925	9/27/2019	11850	9/28/2020	9125
9/30/2016	10100	9/29/2017	10125			9/30/2019	11550	9/29/2020	9100
								9/30/2020	9175

TLKM									
2016		2017		2018		2019		2020	
Tanggal	P	Tanggal	P	Tanggal	P	Tanggal	P	Tanggal	P
9/1/2016	4160	9/1/2017	4690	9/3/2018	3490	9/2/2019	4410	9/1/2020	2900
9/2/2016	4200	9/4/2017	4680	9/4/2018	3420	9/3/2019	4350	9/2/2020	2950
9/5/2016	4200	9/5/2017	4650	9/5/2018	3270	9/4/2019	4290	9/3/2020	2900
9/6/2016	4240	9/6/2017	4710	9/6/2018	3360	9/5/2019	4320	9/4/2020	2860
9/7/2016	4210	9/7/2017	4700	9/7/2018	3390	9/6/2019	4210	9/7/2020	2900
9/8/2016	4160	9/8/2017	4720	9/10/2018	3380	9/9/2019	4270	9/8/2020	2860
9/9/2016	4050	9/11/2017	4710	9/11/2018	3380	9/10/2019	4270	9/9/2020	2800
9/13/2016	4050	9/12/2017	4720	9/12/2018	3320	9/11/2019	4250	9/10/2020	2700
9/14/2016	3970	9/13/2017	4690	9/13/2018	3450	9/12/2019	4170	9/11/2020	2810
9/15/2016	4140	9/14/2017	4670	9/14/2018	3590	9/13/2019	4160	9/14/2020	2890
9/16/2016	4090	9/15/2017	4690	9/17/2018	3470	9/16/2019	4220	9/15/2020	2830
9/19/2016	4200	9/18/2017	4710	9/18/2018	3570	9/17/2019	4270	9/16/2020	2790
9/20/2016	4160	9/19/2017	4710	9/19/2018	3550	9/18/2019	4250	9/17/2020	2820
9/21/2016	4200	9/20/2017	4690	9/20/2018	3600	9/19/2019	4210	9/18/2020	2890
9/22/2016	4230	9/21/2017	4690	9/21/2018	3600	9/20/2019	4290	9/21/2020	2810
9/23/2016	4230	9/22/2017	4640	9/24/2018	3540	9/23/2019	4250	9/22/2020	2780

9/26/2016	4240	9/25/2017	4650	9/25/2018	3560	9/24/2019	4210	9/23/2020	2800
9/27/2016	4280	9/26/2017	4690	9/26/2018	3540	9/25/2019	4220	9/24/2020	2730
9/28/2016	4250	9/27/2017	4700	9/27/2018	3580	9/26/2019	4360	9/25/2020	2690
9/29/2016	4290	9/28/2017	4710	9/28/2018	3640	9/27/2019	4310	9/28/2020	2660
9/30/2016	4310	9/29/2017	4680			9/30/2019	4310	9/29/2020	2630
								9/30/2020	2560

UNTR									
2016		2017		2018		2019		2020	
Tanggal	P	Tanggal	P	Tanggal	P	Tanggal	P	Tanggal	P
9/1/2016	18800	9/1/2017	30300	9/3/2018	34100	9/2/2019	20600	9/1/2020	23500
9/2/2016	19100	9/4/2017	29700	9/4/2018	33500	9/3/2019	20400	9/2/2020	23350
9/5/2016	18525	9/5/2017	30400	9/5/2018	32450	9/4/2019	20450	9/3/2020	23400
9/6/2016	19250	9/6/2017	30325	9/6/2018	33000	9/5/2019	21025	9/4/2020	23100
9/7/2016	18700	9/7/2017	31975	9/7/2018	33125	9/6/2019	21575	9/7/2020	23150
9/8/2016	18000	9/8/2017	31600	9/10/2018	32700	9/9/2019	23300	9/8/2020	23150
9/9/2016	17500	9/11/2017	31850	9/11/2018	32700	9/10/2019	22950	9/9/2020	22650
9/13/2016	17450	9/12/2017	31600	9/12/2018	32125	9/11/2019	23500	9/10/2020	21400
9/14/2016	16825	9/13/2017	30375	9/13/2018	32200	9/12/2019	23050	9/11/2020	22925
9/15/2016	17500	9/14/2017	30000	9/14/2018	32875	9/13/2019	22775	9/14/2020	23000
9/16/2016	17850	9/15/2017	31050	9/17/2018	32150	9/16/2019	23075	9/15/2020	23875
9/19/2016	17825	9/18/2017	30700	9/18/2018	31975	9/17/2019	22850	9/16/2020	24025
9/20/2016	17675	9/19/2017	31100	9/19/2018	32300	9/18/2019	22525	9/17/2020	23400
9/21/2016	17600	9/20/2017	31975	9/20/2018	32800	9/19/2019	21750	9/18/2020	23800
9/22/2016	17975	9/21/2017	31975	9/21/2018	33300	9/20/2019	22000	9/21/2020	23600
9/23/2016	17925	9/22/2017	30675	9/24/2018	32450	9/23/2019	22100	9/22/2020	22825
9/26/2016	17200	9/25/2017	30275	9/25/2018	32150	9/24/2019	21200	9/23/2020	23150
9/27/2016	18100	9/26/2017	31000	9/26/2018	31125	9/25/2019	21125	9/24/2020	22875
9/28/2016	18250	9/27/2017	30425	9/27/2018	32175	9/26/2019	20850	9/25/2020	23200
9/29/2016	18500	9/28/2017	31400	9/28/2018	33000	9/27/2019	20475	9/28/2020	22575
9/30/2016	17700	9/29/2017	32000			9/30/2019	20575	9/29/2020	22650
								9/30/2020	22800

UNVR				
2016	2017	2018	2019	2020

Tanggal	P	Tanggal	P	Tanggal	P	Tanggal	P	Tanggal	P
9/1/2016	9050	9/1/2017	10110	9/3/2018	8735	9/2/2019	9590	9/1/2020	8225
9/2/2016	9130	9/4/2017	10195	9/4/2018	8795	9/3/2019	9495	9/2/2020	8150
9/5/2016	9015	9/5/2017	10200	9/5/2018	8320	9/4/2019	9515	9/3/2020	8175
9/6/2016	9060	9/6/2017	10120	9/6/2018	8415	9/5/2019	9605	9/4/2020	8400
9/7/2016	9170	9/7/2017	10120	9/7/2018	8895	9/6/2019	9410	9/7/2020	8375
9/8/2016	9150	9/8/2017	10160	9/10/2018	9105	9/9/2019	9540	9/8/2020	8375
9/9/2016	8945	9/11/2017	10105	9/11/2018	9105	9/10/2019	9530	9/9/2020	8250
9/13/2016	8950	9/12/2017	10120	9/12/2018	9225	9/11/2019	9325	9/10/2020	7975
9/14/2016	8830	9/13/2017	10240	9/13/2018	9310	9/12/2019	9215	9/11/2020	8300
9/15/2016	8885	9/14/2017	10220	9/14/2018	9420	9/13/2019	9320	9/14/2020	8200
9/16/2016	8860	9/15/2017	10185	9/17/2018	9210	9/16/2019	9390	9/15/2020	8100
9/19/2016	8870	9/18/2017	10200	9/18/2018	9105	9/17/2019	9390	9/16/2020	8000
9/20/2016	8900	9/19/2017	10200	9/19/2018	9240	9/18/2019	9335	9/17/2020	8075
9/21/2016	8995	9/20/2017	10200	9/20/2018	9325	9/19/2019	9315	9/18/2020	8025
9/22/2016	8960	9/21/2017	10200	9/21/2018	9415	9/20/2019	9230	9/21/2020	8000
9/23/2016	9110	9/22/2017	10000	9/24/2018	9415	9/23/2019	9460	9/22/2020	7950
9/26/2016	8970	9/25/2017	9940	9/25/2018	9200	9/24/2019	9455	9/23/2020	7925
9/27/2016	9085	9/26/2017	9870	9/26/2018	9215	9/25/2019	9400	9/24/2020	7800
9/28/2016	9090	9/27/2017	10000	9/27/2018	9430	9/26/2019	9350	9/25/2020	7925
9/29/2016	9140	9/28/2017	9840	9/28/2018	9405	9/27/2019	9400	9/28/2020	7900
9/30/2016	8910	9/29/2017	9795			9/30/2019	9300	9/29/2020	7975
								9/30/2020	8100

WIKA									
2016		2017		2018		2019		2020	
Tanggal	P	Tanggal	P	Tanggal	P	Tanggal	P	Tanggal	P
9/1/2016	3000.478	9/1/2017	1985	9/3/2018	1545	9/2/2019	2000	9/1/2020	1250
9/2/2016	3028.26	9/4/2017	1925	9/4/2018	1555	9/3/2019	1955	9/2/2020	1250
9/5/2016	3028.26	9/5/2017	1925	9/5/2018	1455	9/4/2019	2000	9/3/2020	1225
9/6/2016	3028.26	9/6/2017	1895	9/6/2018	1460	9/5/2019	2040	9/4/2020	1220
9/7/2016	3028.26	9/7/2017	1905	9/7/2018	1460	9/6/2019	2080	9/7/2020	1250
9/8/2016	3000.478	9/8/2017	1905	9/10/2018	1435	9/9/2019	2050	9/8/2020	1225
9/9/2016	2898.61	9/11/2017	1960	9/11/2018	1435	9/10/2019	2040	9/9/2020	1195
9/13/2016	2667.091	9/12/2017	1895	9/12/2018	1425	9/11/2019	2130	9/10/2020	1115
9/14/2016	2491.137	9/13/2017	1855	9/13/2018	1425	9/12/2019	2070	9/11/2020	1130
9/15/2016	2509.659	9/14/2017	1800	9/14/2018	1425	9/13/2019	2110	9/14/2020	1205

9/16/2016	2583.745	9/15/2017	1795	9/17/2018	1390	9/16/2019	2020	9/15/2020	1195
9/19/2016	2602.266	9/18/2017	1870	9/18/2018	1375	9/17/2019	2020	9/16/2020	1150
9/20/2016	2574.484	9/19/2017	1910	9/19/2018	1370	9/18/2019	2020	9/17/2020	1145
9/21/2016	2583.745	9/20/2017	1905	9/20/2018	1395	9/19/2019	2000	9/18/2020	1140
9/22/2016	2537.441	9/21/2017	1905	9/21/2018	1410	9/20/2019	2040	9/21/2020	1130
9/23/2016	2407.791	9/22/2017	1880	9/24/2018	1375	9/23/2019	1950	9/22/2020	1105
9/26/2016	2324.444	9/25/2017	1845	9/25/2018	1365	9/24/2019	1945	9/23/2020	1085
9/27/2016	2454.094	9/26/2017	1820	9/26/2018	1355	9/25/2019	1915	9/24/2020	1060
9/28/2016	2611.527	9/27/2017	1790	9/27/2018	1360	9/26/2019	1985	9/25/2020	1115
9/29/2016	2583.745	9/28/2017	1790	9/28/2018	1365	9/27/2019	1940	9/28/2020	1130
9/30/2016	2593.006	9/29/2017	1790			9/30/2019	1925	9/29/2020	1115
								9/30/2020	1095

BSDE									
2016		2017		2018		2019		2020	
Tanggal	P	Tanggal	P	Tanggal	P	Tanggal	P	Tanggal	P
9/1/2016	2060	9/1/2017	1835	9/3/2018	1195	9/2/2019	1345	9/1/2020	780
9/2/2016	2120	9/4/2017	1820	9/4/2018	1180	9/3/2019	1345	9/2/2020	780
9/5/2016	2150	9/5/2017	1820	9/5/2018	1100	9/4/2019	1325	9/3/2020	750
9/6/2016	2180	9/6/2017	1825	9/6/2018	1130	9/5/2019	1340	9/4/2020	750
9/7/2016	2190	9/7/2017	1840	9/7/2018	1115	9/6/2019	1325	9/7/2020	745
9/8/2016	2130	9/8/2017	1840	9/10/2018	1150	9/9/2019	1320	9/8/2020	735
9/9/2016	2080	9/11/2017	1845	9/11/2018	1150	9/10/2019	1320	9/9/2020	715
9/13/2016	2070	9/12/2017	1785	9/12/2018	1170	9/11/2019	1355	9/10/2020	665
9/14/2016	1995	9/13/2017	1780	9/13/2018	1170	9/12/2019	1370	9/11/2020	685
9/15/2016	2130	9/14/2017	1790	9/14/2018	1155	9/13/2019	1350	9/14/2020	755
9/16/2016	2070	9/15/2017	1795	9/17/2018	1150	9/16/2019	1370	9/15/2020	750
9/19/2016	2120	9/18/2017	1800	9/18/2018	1140	9/17/2019	1385	9/16/2020	735
9/20/2016	2120	9/19/2017	1810	9/19/2018	1145	9/18/2019	1405	9/17/2020	750
9/21/2016	2150	9/20/2017	1800	9/20/2018	1135	9/19/2019	1405	9/18/2020	770
9/22/2016	2180	9/21/2017	1800	9/21/2018	1160	9/20/2019	1415	9/21/2020	800
9/23/2016	2210	9/22/2017	1765	9/24/2018	1125	9/23/2019	1385	9/22/2020	775
9/26/2016	2160	9/25/2017	1780	9/25/2018	1125	9/24/2019	1350	9/23/2020	745
9/27/2016	2210	9/26/2017	1780	9/26/2018	1115	9/25/2019	1355	9/24/2020	725
9/28/2016	2220	9/27/2017	1770	9/27/2018	1155	9/26/2019	1390	9/25/2020	755
9/29/2016	2210	9/28/2017	1765	9/28/2018	1155	9/27/2019	1360	9/28/2020	760
9/30/2016	2200	9/29/2017	1770			9/30/2019	1390	9/29/2020	750



									9/30/2020	740
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INTP									
2016		2017		2018		2019		2020	
Tanggal	P	Tanggal	P	Tanggal	P	Tanggal	P	Tanggal	P
9/1/2016	17050	9/1/2017	19800	9/3/2018	16950	9/2/2019	21400	9/1/2020	12200
9/2/2016	17250	9/4/2017	18900	9/4/2018	16625	9/3/2019	21225	9/2/2020	12300
9/5/2016	17500	9/5/2017	18600	9/5/2018	16325	9/4/2019	21150	9/3/2020	11825
9/6/2016	17700	9/6/2017	18600	9/6/2018	16450	9/5/2019	21900	9/4/2020	11650
9/7/2016	17350	9/7/2017	18575	9/7/2018	17600	9/6/2019	22000	9/7/2020	11975
9/8/2016	17400	9/8/2017	19025	9/10/2018	17200	9/9/2019	21700	9/8/2020	12000
9/9/2016	17050	9/11/2017	19400	9/11/2018	17200	9/10/2019	21350	9/9/2020	11650
9/13/2016	17025	9/12/2017	19075	9/12/2018	16600	9/11/2019	20375	9/10/2020	10850
9/14/2016	17250	9/13/2017	19200	9/13/2018	16950	9/12/2019	20325	9/11/2020	10600
9/15/2016	17625	9/14/2017	18925	9/14/2018	17025	9/13/2019	20700	9/14/2020	11325
9/16/2016	17250	9/15/2017	18800	9/17/2018	16000	9/16/2019	21150	9/15/2020	11400
9/19/2016	17300	9/18/2017	19275	9/18/2018	16400	9/17/2019	20850	9/16/2020	11375
9/20/2016	17500	9/19/2017	19250	9/19/2018	16675	9/18/2019	20775	9/17/2020	10925
9/21/2016	17350	9/20/2017	19250	9/20/2018	16875	9/19/2019	20900	9/18/2020	11600
9/22/2016	17575	9/21/2017	19250	9/21/2018	16900	9/20/2019	20575	9/21/2020	10850
9/23/2016	18150	9/22/2017	18775	9/24/2018	16500	9/23/2019	20600	9/22/2020	10775
9/26/2016	18100	9/25/2017	18800	9/25/2018	16450	9/24/2019	20025	9/23/2020	10525
9/27/2016	18000	9/26/2017	19375	9/26/2018	17000	9/25/2019	19225	9/24/2020	10600
9/28/2016	18300	9/27/2017	19400	9/27/2018	17850	9/26/2019	18925	9/25/2020	10900
9/29/2016	18150	9/28/2017	19050	9/28/2018	18500	9/27/2019	18850	9/28/2020	10525
9/30/2016	17350	9/29/2017	18900			9/30/2019	18725	9/29/2020	10425
								9/30/2020	10400

LPPF									
2016		2017		2018		2019		2020	
Tanggal	P	Tanggal	P	Tanggal	P	Tanggal	P	Tanggal	P
9/1/2016	19200	9/1/2017	10000	9/3/2018	7375	9/2/2019	3020	9/1/2020	1270
9/2/2016	19225	9/4/2017	10150	9/4/2018	7075	9/3/2019	3020	9/2/2020	1275
9/5/2016	19700	9/5/2017	10225	9/5/2018	6525	9/4/2019	3010	9/3/2020	1270
9/6/2016	19100	9/6/2017	10100	9/6/2018	6375	9/5/2019	3000	9/4/2020	1280

9/7/2016	18750	9/7/2017	10000	9/7/2018	6500	9/6/2019	3020	9/7/2020	1265
9/8/2016	18025	9/8/2017	10025	9/10/2018	6725	9/9/2019	3030	9/8/2020	1290
9/9/2016	18075	9/11/2017	9675	9/11/2018	6725	9/10/2019	3010	9/9/2020	1245
9/13/2016	18200	9/12/2017	9350	9/12/2018	6550	9/11/2019	3130	9/10/2020	1160
9/14/2016	18000	9/13/2017	9500	9/13/2018	6450	9/12/2019	3060	9/11/2020	1130
9/15/2016	18550	9/14/2017	9725	9/14/2018	6475	9/13/2019	3030	9/14/2020	1170
9/16/2016	18400	9/15/2017	10200	9/17/2018	6425	9/16/2019	3010	9/15/2020	1160
9/19/2016	19550	9/18/2017	9925	9/18/2018	6250	9/17/2019	3010	9/16/2020	1150
9/20/2016	18900	9/19/2017	10325	9/19/2018	6425	9/18/2019	3000	9/17/2020	1150
9/21/2016	18800	9/20/2017	9900	9/20/2018	6525	9/19/2019	3030	9/18/2020	1105
9/22/2016	18850	9/21/2017	9900	9/21/2018	6675	9/20/2019	3200	9/21/2020	1115
9/23/2016	19200	9/22/2017	9850	9/24/2018	6675	9/23/2019	3120	9/22/2020	1115
9/26/2016	19100	9/25/2017	9750	9/25/2018	6550	9/24/2019	3050	9/23/2020	1090
9/27/2016	19025	9/26/2017	9950	9/26/2018	6700	9/25/2019	3020	9/24/2020	1040
9/28/2016	18600	9/27/2017	9625	9/27/2018	6900	9/26/2019	3060	9/25/2020	1045
9/29/2016	19025	9/28/2017	9400	9/28/2018	6925	9/27/2019	3240	9/28/2020	1025
9/30/2016	18475	9/29/2017	9275			9/30/2019	3430	9/29/2020	1005
								9/30/2020	980

PGAS									
2016		2017		2018		2019		2020	
Tanggal	P	Tanggal	P	Tanggal	P	Tanggal	P	Tanggal	P
9/1/2016	2820	9/1/2017	2120	9/3/2018	2050	9/2/2019	1995	9/1/2020	1285
9/2/2016	2860	9/4/2017	1985	9/4/2018	2000	9/3/2019	2010	9/2/2020	1330
9/5/2016	2840	9/5/2017	1885	9/5/2018	1885	9/4/2019	1950	9/3/2020	1310
9/6/2016	2840	9/6/2017	1840	9/6/2018	2020	9/5/2019	1950	9/4/2020	1290
9/7/2016	2800	9/7/2017	1805	9/7/2018	2030	9/6/2019	1945	9/7/2020	1230
9/8/2016	2810	9/8/2017	1780	9/10/2018	2020	9/9/2019	1965	9/8/2020	1180
9/9/2016	2810	9/11/2017	1685	9/11/2018	2020	9/10/2019	2020	9/9/2020	1120
9/13/2016	2720	9/12/2017	1720	9/12/2018	2040	9/11/2019	2030	9/10/2020	1045
9/14/2016	2680	9/13/2017	1730	9/13/2018	2020	9/12/2019	1995	9/11/2020	1105
9/15/2016	2730	9/14/2017	1735	9/14/2018	2030	9/13/2019	1965	9/14/2020	1145
9/16/2016	2660	9/15/2017	1715	9/17/2018	1995	9/16/2019	2050	9/15/2020	1105
9/19/2016	2740	9/18/2017	1620	9/18/2018	2060	9/17/2019	2180	9/16/2020	1085
9/20/2016	2680	9/19/2017	1615	9/19/2018	2020	9/18/2019	2210	9/17/2020	1050
9/21/2016	2680	9/20/2017	1625	9/20/2018	2080	9/19/2019	2170	9/18/2020	1040
9/22/2016	2690	9/21/2017	1625	9/21/2018	2030	9/20/2019	2170	9/21/2020	1010

9/23/2016	2690	9/22/2017	1610	9/24/2018	2030	9/23/2019	2280	9/22/2020	1020
9/26/2016	2840	9/25/2017	1580	9/25/2018	2070	9/24/2019	2280	9/23/2020	1005
9/27/2016	2870	9/26/2017	1520	9/26/2018	2140	9/25/2019	2230	9/24/2020	960
9/28/2016	2820	9/27/2017	1490	9/27/2018	2180	9/26/2019	2160	9/25/2020	995
9/29/2016	2850	9/28/2017	1460	9/28/2018	2250	9/27/2019	2150	9/28/2020	970
9/30/2016	2870	9/29/2017	1575			9/30/2019	2100	9/29/2020	955
								9/30/2020	925

PTPP									
2016		2017		2018		2019		2020	
Tanggal	P	Tanggal	P	Tanggal	P	Tanggal	P	Tanggal	P
9/1/2016	4106.054	9/1/2017	2810	9/3/2018	1850	9/2/2019	1760	9/1/2020	980
9/2/2016	4096.549	9/4/2017	2750	9/4/2018	1805	9/3/2019	1760	9/2/2020	985
9/5/2016	4210.606	9/5/2017	2700	9/5/2018	1665	9/4/2019	1790	9/3/2020	965
9/6/2016	4182.092	9/6/2017	2620	9/6/2018	1645	9/5/2019	1780	9/4/2020	950
9/7/2016	4381.692	9/7/2017	2590	9/7/2018	1635	9/6/2019	1790	9/7/2020	940
9/8/2016	4267.635	9/8/2017	2570	9/10/2018	1610	9/9/2019	1795	9/8/2020	935
9/9/2016	4163.083	9/11/2017	2620	9/11/2018	1610	9/10/2019	1825	9/9/2020	910
9/13/2016	4039.521	9/12/2017	2560	9/12/2018	1580	9/11/2019	1885	9/10/2020	850
9/14/2016	3953.978	9/13/2017	2520	9/13/2018	1550	9/12/2019	1885	9/11/2020	845
9/15/2016	4144.073	9/14/2017	2360	9/14/2018	1570	9/13/2019	1890	9/14/2020	885
9/16/2016	4210.606	9/15/2017	2350	9/17/2018	1520	9/16/2019	1820	9/15/2020	870
9/19/2016	4277.14	9/18/2017	2480	9/18/2018	1475	9/17/2019	1810	9/16/2020	845
9/20/2016	4267.635	9/19/2017	2620	9/19/2018	1480	9/18/2019	1820	9/17/2020	830
9/21/2016	4324.664	9/20/2017	2620	9/20/2018	1510	9/19/2019	1790	9/18/2020	835
9/22/2016	4277.14	9/21/2017	2620	9/21/2018	1580	9/20/2019	1785	9/21/2020	835
9/23/2016	4039.521	9/22/2017	2570	9/24/2018	1535	9/23/2019	1725	9/22/2020	830
9/26/2016	4030.016	9/25/2017	2510	9/25/2018	1525	9/24/2019	1685	9/23/2020	815
9/27/2016	4001.502	9/26/2017	2480	9/26/2018	1525	9/25/2019	1665	9/24/2020	810
9/28/2016	3991.997	9/27/2017	2380	9/27/2018	1535	9/26/2019	1735	9/25/2020	840
9/29/2016	3982.492	9/28/2017	2290	9/28/2018	1525	9/27/2019	1745	9/28/2020	855
9/30/2016	3982.492	9/29/2017	2310			9/30/2019	1705	9/29/2020	840
								9/30/2020	825

SCMA
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2016		2017		2018		2019		2020	
Tanggal	P	Tanggal	P	Tanggal	P	Tanggal	P	Tanggal	P
9/1/2016	2930	9/1/2017	2210	9/3/2018	2040	9/2/2019	1225	9/1/2020	1200
9/2/2016	2960	9/4/2017	2130	9/4/2018	2040	9/3/2019	1170	9/2/2020	1210
9/5/2016	3000	9/5/2017	2140	9/5/2018	1910	9/4/2019	1215	9/3/2020	1195
9/6/2016	3000	9/6/2017	2070	9/6/2018	1950	9/5/2019	1275	9/4/2020	1200
9/7/2016	3000	9/7/2017	2110	9/7/2018	1975	9/6/2019	1240	9/7/2020	1200
9/8/2016	3000	9/8/2017	2050	9/10/2018	1875	9/9/2019	1240	9/8/2020	1190
9/9/2016	2940	9/11/2017	1990	9/11/2018	1875	9/10/2019	1255	9/9/2020	1165
9/13/2016	2840	9/12/2017	2030	9/12/2018	1795	9/11/2019	1340	9/10/2020	1085
9/14/2016	2720	9/13/2017	2170	9/13/2018	1810	9/12/2019	1315	9/11/2020	1120
9/15/2016	2900	9/14/2017	2240	9/14/2018	1875	9/13/2019	1290	9/14/2020	1140
9/16/2016	2870	9/15/2017	2310	9/17/2018	1830	9/16/2019	1290	9/15/2020	1155
9/19/2016	2860	9/18/2017	2280	9/18/2018	1820	9/17/2019	1285	9/16/2020	1180
9/20/2016	2820	9/19/2017	2330	9/19/2018	1845	9/18/2019	1275	9/17/2020	1180
9/21/2016	2840	9/20/2017	2340	9/20/2018	1880	9/19/2019	1235	9/18/2020	1195
9/22/2016	2780	9/21/2017	2340	9/21/2018	1900	9/20/2019	1245	9/21/2020	1170
9/23/2016	2820	9/22/2017	2200	9/24/2018	1800	9/23/2019	1190	9/22/2020	1175
9/26/2016	2770	9/25/2017	2230	9/25/2018	1825	9/24/2019	1165	9/23/2020	1165
9/27/2016	2790	9/26/2017	2270	9/26/2018	1820	9/25/2019	1170	9/24/2020	1145
9/28/2016	2810	9/27/2017	2300	9/27/2018	1860	9/26/2019	1155	9/25/2020	1160
9/29/2016	2850	9/28/2017	2300	9/28/2018	1875	9/27/2019	1155	9/28/2020	1205
9/30/2016	2800	9/29/2017	2190			9/30/2019	1160	9/29/2020	1195
								9/30/2020	1215

ANTM									
2016		2017		2018		2019		2020	
Tanggal	P	Tanggal	P	Tanggal	P	Tanggal	P	Tanggal	P
9/1/2016	700	9/1/2017	740	9/3/2018	830	9/2/2019	1170	9/1/2020	840
9/2/2016	700	9/4/2017	710	9/4/2018	805	9/3/2019	1110	9/2/2020	850
9/5/2016	705	9/5/2017	710	9/5/2018	775	9/4/2019	1100	9/3/2020	830
9/6/2016	705	9/6/2017	705	9/6/2018	800	9/5/2019	1100	9/4/2020	825
9/7/2016	705	9/7/2017	695	9/7/2018	795	9/6/2019	1075	9/7/2020	825
9/8/2016	700	9/8/2017	700	9/10/2018	795	9/9/2019	1120	9/8/2020	825
9/9/2016	690	9/11/2017	690	9/11/2018	795	9/10/2019	1130	9/9/2020	795
9/13/2016	645	9/12/2017	680	9/12/2018	780	9/11/2019	1125	9/10/2020	740
9/14/2016	620	9/13/2017	670	9/13/2018	805	9/12/2019	1120	9/11/2020	775

9/15/2016	640	9/14/2017	680	9/14/2018	800	9/13/2019	1070	9/14/2020	800
9/16/2016	625	9/15/2017	680	9/17/2018	790	9/16/2019	1050	9/15/2020	805
9/19/2016	625	9/18/2017	680	9/18/2018	790	9/17/2019	1050	9/16/2020	795
9/20/2016	625	9/19/2017	675	9/19/2018	790	9/18/2019	1065	9/17/2020	775
9/21/2016	665	9/20/2017	680	9/20/2018	795	9/19/2019	1045	9/18/2020	790
9/22/2016	675	9/21/2017	680	9/21/2018	820	9/20/2019	1065	9/21/2020	765
9/23/2016	665	9/22/2017	675	9/24/2018	800	9/23/2019	1055	9/22/2020	735
9/26/2016	645	9/25/2017	650	9/25/2018	805	9/24/2019	1015	9/23/2020	750
9/27/2016	770	9/26/2017	645	9/26/2018	805	9/25/2019	1010	9/24/2020	720
9/28/2016	795	9/27/2017	625	9/27/2018	835	9/26/2019	1015	9/25/2020	730
9/29/2016	830	9/28/2017	630	9/28/2018	845	9/27/2019	990	9/28/2020	725
9/30/2016	820	9/29/2017	640			9/30/2019	975	9/29/2020	715
								9/30/2020	705

CTRA									
2016		2017		2018		2019		2020	
Tanggal	P	Tanggal	P	Tanggal	P	Tanggal	P	Tanggal	P
9/1/2016	1560	9/1/2017	1170	9/3/2018	835	9/2/2019	1050	9/1/2020	745
9/2/2016	1580	9/4/2017	1170	9/4/2018	810	9/3/2019	1025	9/2/2020	750
9/5/2016	1610	9/5/2017	1140	9/5/2018	750	9/4/2019	1070	9/3/2020	740
9/6/2016	1580	9/6/2017	1125	9/6/2018	740	9/5/2019	1045	9/4/2020	740
9/7/2016	1620	9/7/2017	1155	9/7/2018	735	9/6/2019	1045	9/7/2020	725
9/8/2016	1590	9/8/2017	1130	9/10/2018	740	9/9/2019	1055	9/8/2020	725
9/9/2016	1515	9/11/2017	1160	9/11/2018	740	9/10/2019	1090	9/9/2020	710
9/13/2016	1480	9/12/2017	1155	9/12/2018	750	9/11/2019	1130	9/10/2020	665
9/14/2016	1450	9/13/2017	1150	9/13/2018	785	9/12/2019	1105	9/11/2020	660
9/15/2016	1540	9/14/2017	1190	9/14/2018	800	9/13/2019	1095	9/14/2020	695
9/16/2016	1555	9/15/2017	1180	9/17/2018	790	9/16/2019	1070	9/15/2020	685
9/19/2016	1580	9/18/2017	1185	9/18/2018	760	9/17/2019	1105	9/16/2020	660
9/20/2016	1590	9/19/2017	1185	9/19/2018	750	9/18/2019	1140	9/17/2020	650
9/21/2016	1700	9/20/2017	1165	9/20/2018	750	9/19/2019	1115	9/18/2020	675
9/22/2016	1695	9/21/2017	1165	9/21/2018	760	9/20/2019	1125	9/21/2020	665
9/23/2016	1645	9/22/2017	1155	9/24/2018	760	9/23/2019	1085	9/22/2020	660
9/26/2016	1595	9/25/2017	1155	9/25/2018	755	9/24/2019	1070	9/23/2020	645
9/27/2016	1685	9/26/2017	1150	9/26/2018	790	9/25/2019	1060	9/24/2020	625
9/28/2016	1700	9/27/2017	1160	9/27/2018	820	9/26/2019	1080	9/25/2020	645
9/29/2016	1680	9/28/2017	1195	9/28/2018	875	9/27/2019	1045	9/28/2020	675

9/30/2016	1590	9/29/2017	1195			9/30/2019	1055	9/29/2020	660
								9/30/2020	645

EXCL									
2016		2017		2018		2019		2020	
Tanggal	P	Tanggal	P	Tanggal	P	Tanggal	P	Tanggal	P
9/1/2016	2880	9/1/2017	3600	9/3/2018	3080	9/2/2019	3620	9/1/2020	2420
9/2/2016	2910	9/4/2017	3700	9/4/2018	2910	9/3/2019	3500	9/2/2020	2410
9/5/2016	2840	9/5/2017	3730	9/5/2018	2800	9/4/2019	3500	9/3/2020	2340
9/6/2016	2810	9/6/2017	3850	9/6/2018	2830	9/5/2019	3520	9/4/2020	2300
9/7/2016	2770	9/7/2017	3810	9/7/2018	2950	9/6/2019	3270	9/7/2020	2250
9/8/2016	2760	9/8/2017	3820	9/10/2018	2900	9/9/2019	3280	9/8/2020	2240
9/9/2016	2680	9/11/2017	3820	9/11/2018	2900	9/10/2019	3280	9/9/2020	2190
9/13/2016	2650	9/12/2017	3870	9/12/2018	2930	9/11/2019	3270	9/10/2020	2040
9/14/2016	2560	9/13/2017	3950	9/13/2018	2970	9/12/2019	3350	9/11/2020	2190
9/15/2016	2660	9/14/2017	4020	9/14/2018	3030	9/13/2019	3450	9/14/2020	2270
9/16/2016	2650	9/15/2017	4000	9/17/2018	2970	9/16/2019	3380	9/15/2020	2200
9/19/2016	2600	9/18/2017	3970	9/18/2018	2960	9/17/2019	3440	9/16/2020	2130
9/20/2016	2560	9/19/2017	3850	9/19/2018	2990	9/18/2019	3500	9/17/2020	2090
9/21/2016	2610	9/20/2017	3800	9/20/2018	2920	9/19/2019	3470	9/18/2020	2150
9/22/2016	2600	9/21/2017	3800	9/21/2018	2850	9/20/2019	3410	9/21/2020	2060
9/23/2016	2600	9/22/2017	3850	9/24/2018	2810	9/23/2019	3390	9/22/2020	2030
9/26/2016	2500	9/25/2017	3780	9/25/2018	2790	9/24/2019	3290	9/23/2020	1985
9/27/2016	2500	9/26/2017	3780	9/26/2018	2810	9/25/2019	3300	9/24/2020	1930
9/28/2016	2580	9/27/2017	3770	9/27/2018	2820	9/26/2019	3500	9/25/2020	1965
9/29/2016	2750	9/28/2017	3700	9/28/2018	2760	9/27/2019	3500	9/28/2020	2010
9/30/2016	2700	9/29/2017	3740			9/30/2019	3440	9/29/2020	1990
								9/30/2020	2030

JSMR									
2016		2017		2018		2019		2020	
Tanggal	P	Tanggal	P	Tanggal	P	Tanggal	P	Tanggal	P
9/1/2016	4738.901	9/1/2017	5825	9/3/2018	4480	9/2/2019	5400	9/1/2020	3890
9/2/2016	4818.714	9/4/2017	5800	9/4/2018	4540	9/3/2019	5350	9/2/2020	3910
9/5/2016	4838.668	9/5/2017	5850	9/5/2018	4300	9/4/2019	5350	9/3/2020	3860

9/6/2016	4768.832	9/6/2017	5900	9/6/2018	4380	9/5/2019	5325	9/4/2020	3880
9/7/2016	4758.855	9/7/2017	5950	9/7/2018	4500	9/6/2019	5450	9/7/2020	3760
9/8/2016	4748.878	9/8/2017	5925	9/10/2018	4350	9/9/2019	5400	9/8/2020	3660
9/9/2016	4748.878	9/11/2017	5925	9/11/2018	4350	9/10/2019	5525	9/9/2020	3500
9/13/2016	4629.159	9/12/2017	5950	9/12/2018	4450	9/11/2019	5525	9/10/2020	3260
9/14/2016	4589.252	9/13/2017	5975	9/13/2018	4550	9/12/2019	5400	9/11/2020	3320
9/15/2016	4659.088	9/14/2017	5900	9/14/2018	4510	9/13/2019	5500	9/14/2020	3600
9/16/2016	4539.369	9/15/2017	6000	9/17/2018	4390	9/16/2019	5575	9/15/2020	3460
9/19/2016	4818.714	9/18/2017	5950	9/18/2018	4330	9/17/2019	5575	9/16/2020	3360
9/20/2016	4778.808	9/19/2017	5925	9/19/2018	4370	9/18/2019	5675	9/17/2020	3290
9/21/2016	4848.645	9/20/2017	5850	9/20/2018	4360	9/19/2019	5575	9/18/2020	3320
9/22/2016	4878.574	9/21/2017	5850	9/21/2018	4350	9/20/2019	5650	9/21/2020	3220
9/23/2016	4818.714	9/22/2017	5750	9/24/2018	4360	9/23/2019	5550	9/22/2020	3130
9/26/2016	4669.065	9/25/2017	5700	9/25/2018	4350	9/24/2019	5550	9/23/2020	3190
9/27/2016	4679.042	9/26/2017	5700	9/26/2018	4390	9/25/2019	5750	9/24/2020	3250
9/28/2016	4679.042	9/27/2017	5625	9/27/2018	4470	9/26/2019	5750	9/25/2020	3430
9/29/2016	4698.995	9/28/2017	5525	9/28/2018	4470	9/27/2019	5775	9/28/2020	3580
9/30/2016	4589.252	9/29/2017	5600			9/30/2019	5700	9/29/2020	3530
								9/30/2020	3610

LPKR									
2016		2017		2018		2019		2020	
Tanggal	P	Tanggal	P	Tanggal	P	Tanggal	P	Tanggal	P
9/1/2016	845.1495	9/1/2017	622.9506	9/3/2018	284.0972	9/2/2019	248	9/1/2020	154
9/2/2016	833.246	9/4/2017	607.0793	9/4/2018	277.7487	9/3/2019	254	9/2/2020	152
9/5/2016	829.2782	9/5/2017	583.2722	9/5/2018	257.1159	9/4/2019	254	9/3/2020	147
9/6/2016	829.2782	9/6/2017	571.3687	9/6/2018	253.9417	9/5/2019	252	9/4/2020	144
9/7/2016	829.2782	9/7/2017	571.3687	9/7/2018	263.4644	9/6/2019	260	9/7/2020	144
9/8/2016	825.3104	9/8/2017	583.2722	9/10/2018	277.7487	9/9/2019	260	9/8/2020	143
9/9/2016	825.3104	9/11/2017	595.1757	9/11/2018	277.7487	9/10/2019	268	9/9/2020	133
9/13/2016	821.3425	9/12/2017	599.1436	9/12/2018	276.1615	9/11/2019	276	9/10/2020	124
9/14/2016	825.3104	9/13/2017	575.3365	9/13/2018	276.1615	9/12/2019	276	9/11/2020	121
9/15/2016	821.3425	9/14/2017	591.2079	9/14/2018	287.2715	9/13/2019	270	9/14/2020	128
9/16/2016	825.3104	9/15/2017	591.2079	9/17/2018	288.8586	9/16/2019	260	9/15/2020	122
9/19/2016	845.1495	9/18/2017	591.2079	9/18/2018	282.5101	9/17/2019	258	9/16/2020	119
9/20/2016	845.1495	9/19/2017	595.1757	9/19/2018	284.0972	9/18/2019	270	9/17/2020	119
9/21/2016	868.9566	9/20/2017	591.2079	9/20/2018	285.6844	9/19/2019	258	9/18/2020	125

9/22/2016	872.9244	9/21/2017	591.2079	9/21/2018	268.2259	9/20/2019	250	9/21/2020	123
9/23/2016	884.8279	9/22/2017	591.2079	9/24/2018	266.6387	9/23/2019	244	9/22/2020	121
9/26/2016	888.7958	9/25/2017	595.1757	9/25/2018	260.2902	9/24/2019	242	9/23/2020	121
9/27/2016	872.9244	9/26/2017	587.2401	9/26/2018	269.813	9/25/2019	242	9/24/2020	119
9/28/2016	789.5998	9/27/2017	583.2722	9/27/2018	269.813	9/26/2019	240	9/25/2020	122
9/29/2016	797.5355	9/28/2017	575.3365	9/28/2018	272.9873	9/27/2019	234	9/28/2020	122
9/30/2016	785.632	9/29/2017	575.3365			9/30/2019	236	9/29/2020	121
								9/30/2020	119

PWON									
2016		2017		2018		2019		2020	
Tanggal	P	Tanggal	P	Tanggal	P	Tanggal	P	Tanggal	P
9/1/2016	570	9/1/2017	670	9/3/2018	510	9/2/2019	620	9/1/2020	410
9/2/2016	610	9/4/2017	660	9/4/2018	515	9/3/2019	620	9/2/2020	410
9/5/2016	615	9/5/2017	660	9/5/2018	500	9/4/2019	635	9/3/2020	408
9/6/2016	635	9/6/2017	645	9/6/2018	515	9/5/2019	630	9/4/2020	406
9/7/2016	640	9/7/2017	645	9/7/2018	525	9/6/2019	630	9/7/2020	402
9/8/2016	635	9/8/2017	650	9/10/2018	525	9/9/2019	635	9/8/2020	402
9/9/2016	615	9/11/2017	655	9/11/2018	525	9/10/2019	655	9/9/2020	382
9/13/2016	605	9/12/2017	655	9/12/2018	520	9/11/2019	690	9/10/2020	356
9/14/2016	595	9/13/2017	640	9/13/2018	540	9/12/2019	675	9/11/2020	350
9/15/2016	625	9/14/2017	625	9/14/2018	530	9/13/2019	680	9/14/2020	380
9/16/2016	630	9/15/2017	635	9/17/2018	515	9/16/2019	670	9/15/2020	374
9/19/2016	645	9/18/2017	645	9/18/2018	510	9/17/2019	680	9/16/2020	374
9/20/2016	645	9/19/2017	650	9/19/2018	530	9/18/2019	675	9/17/2020	376
9/21/2016	655	9/20/2017	650	9/20/2018	515	9/19/2019	675	9/18/2020	384
9/22/2016	680	9/21/2017	650	9/21/2018	510	9/20/2019	675	9/21/2020	370
9/23/2016	680	9/22/2017	635	9/24/2018	505	9/23/2019	675	9/22/2020	358
9/26/2016	645	9/25/2017	645	9/25/2018	510	9/24/2019	650	9/23/2020	354
9/27/2016	660	9/26/2017	630	9/26/2018	505	9/25/2019	655	9/24/2020	344
9/28/2016	670	9/27/2017	630	9/27/2018	500	9/26/2019	660	9/25/2020	346
9/29/2016	690	9/28/2017	610	9/28/2018	515	9/27/2019	645	9/28/2020	356
9/30/2016	675	9/29/2017	610			9/30/2019	665	9/29/2020	354
								9/30/2020	354



SMRA									
2016		2017		2018		2019		2020	
Tanggal	P	Tanggal	P	Tanggal	P	Tanggal	P	Tanggal	P
9/1/2016	1715	9/1/2017	1045	9/3/2018	655	9/2/2019	1070	9/1/2020	624.9855
9/2/2016	1745	9/4/2017	1015	9/4/2018	635	9/3/2019	1060	9/2/2020	639.52
9/5/2016	1755	9/5/2017	1000	9/5/2018	615	9/4/2019	1105	9/3/2020	615.2958
9/6/2016	1770	9/6/2017	980	9/6/2018	610	9/5/2019	1125	9/4/2020	615.2958
9/7/2016	1755	9/7/2017	975	9/7/2018	615	9/6/2019	1165	9/7/2020	610.4509
9/8/2016	1740	9/8/2017	975	9/10/2018	640	9/9/2019	1155	9/8/2020	600.7612
9/9/2016	1695	9/11/2017	1000	9/11/2018	640	9/10/2019	1185	9/9/2020	595.9164
9/13/2016	1635	9/12/2017	980	9/12/2018	650	9/11/2019	1255	9/10/2020	557.1576
9/14/2016	1625	9/13/2017	980	9/13/2018	670	9/12/2019	1245	9/11/2020	557.1576
9/15/2016	1700	9/14/2017	1005	9/14/2018	690	9/13/2019	1235	9/14/2020	576.537
9/16/2016	1640	9/15/2017	1010	9/17/2018	670	9/16/2019	1195	9/15/2020	552.3127
9/19/2016	1660	9/18/2017	1060	9/18/2018	640	9/17/2019	1220	9/16/2020	537.7782
9/20/2016	1655	9/19/2017	1075	9/19/2018	625	9/18/2019	1240	9/17/2020	532.9334
9/21/2016	1720	9/20/2017	1085	9/20/2018	615	9/19/2019	1215	9/18/2020	552.3127
9/22/2016	1735	9/21/2017	1085	9/21/2018	620	9/20/2019	1190	9/21/2020	547.4679
9/23/2016	1715	9/22/2017	1070	9/24/2018	605	9/23/2019	1180	9/22/2020	537.7782
9/26/2016	1705	9/25/2017	1060	9/25/2018	595	9/24/2019	1155	9/23/2020	518.3988
9/27/2016	1740	9/26/2017	1065	9/26/2018	595	9/25/2019	1140	9/24/2020	503.8643
9/28/2016	1750	9/27/2017	1065	9/27/2018	595	9/26/2019	1220	9/25/2020	518.3988
9/29/2016	1755	9/28/2017	1050	9/28/2018	655	9/27/2019	1160	9/28/2020	528.0885
9/30/2016	1755	9/29/2017	1065			9/30/2019	1155	9/29/2020	532.9334
								9/30/2020	537.7782

WSKT									
2016		2017		2018		2019		2020	
Tanggal	P	Tanggal	P	Tanggal	P	Tanggal	P	Tanggal	P
9/1/2016	2730	9/1/2017	2220	9/3/2018	1875	9/2/2019	1705	9/1/2020	645
9/2/2016	2760	9/4/2017	2140	9/4/2018	1865	9/3/2019	1690	9/2/2020	645
9/5/2016	2750	9/5/2017	2100	9/5/2018	1770	9/4/2019	1710	9/3/2020	635
9/6/2016	2700	9/6/2017	2100	9/6/2018	1810	9/5/2019	1700	9/4/2020	625
9/7/2016	2690	9/7/2017	2130	9/7/2018	1820	9/6/2019	1710	9/7/2020	630
9/8/2016	2640	9/8/2017	2100	9/10/2018	1770	9/9/2019	1725	9/8/2020	630
9/9/2016	2590	9/11/2017	2130	9/11/2018	1770	9/10/2019	1740	9/9/2020	615
9/13/2016	2480	9/12/2017	1890	9/12/2018	1725	9/11/2019	1775	9/10/2020	575

9/14/2016	2550	9/13/2017	1850	9/13/2018	1730	9/12/2019	1765	9/11/2020	570
9/15/2016	2620	9/14/2017	1845	9/14/2018	1745	9/13/2019	1770	9/14/2020	590
9/16/2016	2650	9/15/2017	1815	9/17/2018	1720	9/16/2019	1740	9/15/2020	585
9/19/2016	2700	9/18/2017	1905	9/18/2018	1695	9/17/2019	1725	9/16/2020	580
9/20/2016	2580	9/19/2017	1910	9/19/2018	1685	9/18/2019	1700	9/17/2020	570
9/21/2016	2620	9/20/2017	1905	9/20/2018	1700	9/19/2019	1665	9/18/2020	570
9/22/2016	2630	9/21/2017	1905	9/21/2018	1735	9/20/2019	1650	9/21/2020	555
9/23/2016	2650	9/22/2017	1885	9/24/2018	1730	9/23/2019	1585	9/22/2020	525
9/26/2016	2650	9/25/2017	1865	9/25/2018	1705	9/24/2019	1585	9/23/2020	510
9/27/2016	2690	9/26/2017	1835	9/26/2018	1690	9/25/2019	1565	9/24/2020	490
9/28/2016	2690	9/27/2017	1805	9/27/2018	1695	9/26/2019	1660	9/25/2020	505
9/29/2016	2690	9/28/2017	1800	9/28/2018	1700	9/27/2019	1665	9/28/2020	515
9/30/2016	2620	9/29/2017	1775			9/30/2019	1650	9/29/2020	510
								9/30/2020	498

TPIA									
2016		2017		2018		2019		2020	
Tanggal	P	Tanggal	P	Tanggal	P	Tanggal	P	Tanggal	P
9/1/2016	2120.349	9/1/2017	4230	9/3/2018	5350	9/2/2019	8900	9/1/2020	7175
9/2/2016	2174.34	9/4/2017	4200	9/4/2018	5050	9/3/2019	8875	9/2/2020	6975
9/5/2016	2238.147	9/5/2017	4230	9/5/2018	4950	9/4/2019	8975	9/3/2020	6950
9/6/2016	2311.77	9/6/2017	4240	9/6/2018	5100	9/5/2019	8925	9/4/2020	6825
9/7/2016	2375.577	9/7/2017	4260	9/7/2018	4970	9/6/2019	9025	9/7/2020	6900
9/8/2016	2439.384	9/8/2017	4235	9/10/2018	5100	9/9/2019	9100	9/8/2020	6925
9/9/2016	2493.374	9/11/2017	4295	9/11/2018	5100	9/10/2019	9250	9/9/2020	6825
9/13/2016	2503.19	9/12/2017	4315	9/12/2018	4840	9/11/2019	9300	9/10/2020	6575
9/14/2016	2503.19	9/13/2017	4325	9/13/2018	4820	9/12/2019	9300	9/11/2020	6800
9/15/2016	2552.272	9/14/2017	4480	9/14/2018	4900	9/13/2019	8900	9/14/2020	6875
9/16/2016	2670.07	9/15/2017	4815	9/17/2018	4840	9/16/2019	8300	9/15/2020	6925
9/19/2016	2679.886	9/18/2017	4670	9/18/2018	4850	9/17/2019	8325	9/16/2020	7000
9/20/2016	2611.171	9/19/2017	4600	9/19/2018	4850	9/18/2019	8475	9/17/2020	7000
9/21/2016	2611.171	9/20/2017	4655	9/20/2018	4920	9/19/2019	8425	9/18/2020	7000
9/22/2016	2655.345	9/21/2017	4655	9/21/2018	5025	9/20/2019	8350	9/21/2020	6950
9/23/2016	2655.345	9/22/2017	4700	9/24/2018	5050	9/23/2019	8250	9/22/2020	6925
9/26/2016	2674.978	9/25/2017	4775	9/25/2018	5000	9/24/2019	8200	9/23/2020	7000
9/27/2016	2684.794	9/26/2017	4770	9/26/2018	4880	9/25/2019	8300	9/24/2020	7125
9/28/2016	2689.703	9/27/2017	4795	9/27/2018	4880	9/26/2019	8350	9/25/2020	7200

9/29/2016	2719.152	9/28/2017	4750	9/28/2018	4920	9/27/2019	8225	9/28/2020	7200
9/30/2016	2709.335	9/29/2017	4765			9/30/2019	8200	9/29/2020	7200
								9/30/2020	7200

BRPT									
2016		2017		2018		2019		2020	
Tanggal	P	Tanggal	P	Tanggal	P	Tanggal	P	Tanggal	P
9/1/2016	105.5	9/1/2017	395	9/3/2018	343	9/2/2019	990	9/1/2020	855
9/2/2016	106	9/4/2017	402	9/4/2018	341	9/3/2019	1010	9/2/2020	830
9/5/2016	110	9/5/2017	412	9/5/2018	322	9/4/2019	1040	9/3/2020	820
9/6/2016	99	9/6/2017	412	9/6/2018	327	9/5/2019	1000	9/4/2020	780
9/7/2016	95	9/7/2017	428	9/7/2018	329	9/6/2019	1075	9/7/2020	825
9/8/2016	97	9/8/2017	432	9/10/2018	327	9/9/2019	1050	9/8/2020	815
9/9/2016	95	9/11/2017	420	9/11/2018	327	9/10/2019	1080	9/9/2020	800
9/13/2016	85.5	9/12/2017	426	9/12/2018	320	9/11/2019	1085	9/10/2020	745
9/14/2016	83	9/13/2017	414	9/13/2018	324	9/12/2019	1050	9/11/2020	730
9/15/2016	83	9/14/2017	414	9/14/2018	345	9/13/2019	1040	9/14/2020	815
9/16/2016	85	9/15/2017	442	9/17/2018	340	9/16/2019	1080	9/15/2020	780
9/19/2016	88	9/18/2017	458	9/18/2018	344	9/17/2019	1065	9/16/2020	785
9/20/2016	84	9/19/2017	454	9/19/2018	347	9/18/2019	1035	9/17/2020	765
9/21/2016	83.5	9/20/2017	452	9/20/2018	367	9/19/2019	1030	9/18/2020	735
9/22/2016	83.5	9/21/2017	452	9/21/2018	370	9/20/2019	1000	9/21/2020	700
9/23/2016	84	9/22/2017	446	9/24/2018	365	9/23/2019	965	9/22/2020	690
9/26/2016	97	9/25/2017	442	9/25/2018	365	9/24/2019	960	9/23/2020	665
9/27/2016	94.5	9/26/2017	440	9/26/2018	365	9/25/2019	990	9/24/2020	640
9/28/2016	93	9/27/2017	424	9/27/2018	368	9/26/2019	995	9/25/2020	675
9/29/2016	96	9/28/2017	410	9/28/2018	368	9/27/2019	995	9/28/2020	700
9/30/2016	97.5	9/29/2017	399			9/30/2019	990	9/29/2020	685
								9/30/2020	790

Lampiran 29. Daftar harga saham 29 emiten pada bulan Oktober 2016 – 2020

ADRO									
2016		2017		2018		2019		2020	
Tanggal	P	Tanggal	P	Tanggal	P	Tanggal	P	Tanggal	P

10/3/2016	1300	10/2/2017	1775	10/1/2018	1840	10/1/2019	1320	10/1/2020	1180
10/4/2016	1305	10/3/2017	1780	10/2/2018	1845	10/2/2019	1270	10/2/2020	1140
10/5/2016	1290	10/4/2017	1825	10/3/2018	1865	10/3/2019	1270	10/5/2020	1125
10/6/2016	1360	10/5/2017	1830	10/4/2018	1825	10/4/2019	1265	10/6/2020	1125
10/7/2016	1375	10/6/2017	1875	10/5/2018	1810	10/7/2019	1250	10/7/2020	1130
10/10/2016	1385	10/9/2017	1890	10/8/2018	1750	10/8/2019	1280	10/8/2020	1130
10/11/2016	1400	10/10/2017	1900	10/9/2018	1730	10/9/2019	1270	10/9/2020	1115
10/12/2016	1405	10/11/2017	1880	10/10/2018	1780	10/10/2019	1260	10/12/2020	1110
10/13/2016	1405	10/12/2017	1900	10/11/2018	1720	10/11/2019	1295	10/13/2020	1150
10/14/2016	1425	10/13/2017	1900	10/12/2018	1710	10/14/2019	1295	10/14/2020	1185
10/17/2016	1460	10/16/2017	1870	10/15/2018	1675	10/15/2019	1330	10/15/2020	1155
10/18/2016	1440	10/17/2017	1900	10/16/2018	1750	10/16/2019	1315	10/16/2020	1220
10/19/2016	1530	10/18/2017	1880	10/17/2018	1760	10/17/2019	1320	10/19/2020	1220
10/20/2016	1510	10/19/2017	1865	10/18/2018	1730	10/18/2019	1310	10/20/2020	1210
10/21/2016	1500	10/20/2017	1855	10/19/2018	1700	10/21/2019	1365	10/21/2020	1200
10/24/2016	1525	10/23/2017	1850	10/22/2018	1730	10/22/2019	1365	10/22/2020	1160
10/25/2016	1525	10/24/2017	1890	10/23/2018	1700	10/23/2019	1355	10/23/2020	1145
10/26/2016	1555	10/25/2017	1900	10/24/2018	1670	10/24/2019	1370	10/26/2020	1145
10/27/2016	1550	10/26/2017	1825	10/25/2018	1650	10/25/2019	1350	10/27/2020	1125
10/28/2016	1580	10/27/2017	1840	10/26/2018	1725	10/28/2019	1370		
10/31/2016	1585	10/30/2017	1835	10/29/2018	1665	10/29/2019	1335		
		10/31/2017	1825	10/30/2018	1650	10/30/2019	1305		
				10/31/2018	1650	10/31/2019	1310		

AKRA									
2016		2017		2018		2019		2020	
Tanggal	P	Tanggal	P	Tanggal	P	Tanggal	P	Tanggal	P
10/3/2016	6500	10/2/2017	7150	10/1/2018	3960	10/1/2019	3780	10/1/2020	2610
10/4/2016	6650	10/3/2017	7200	10/2/2018	4070	10/2/2019	3760	10/2/2020	2570
10/5/2016	6600	10/4/2017	7175	10/3/2018	4060	10/3/2019	3920	10/5/2020	2610
10/6/2016	6500	10/5/2017	7000	10/4/2018	3890	10/4/2019	4090	10/6/2020	2660
10/7/2016	6425	10/6/2017	6900	10/5/2018	3800	10/7/2019	4120	10/7/2020	2600
10/10/2016	6375	10/9/2017	7050	10/8/2018	3800	10/8/2019	4200	10/8/2020	2610
10/11/2016	6400	10/10/2017	7050	10/9/2018	3820	10/9/2019	4200	10/9/2020	2620
10/12/2016	6325	10/11/2017	7250	10/10/2018	3880	10/10/2019	4230	10/12/2020	2640
10/13/2016	6375	10/12/2017	7275	10/11/2018	3800	10/11/2019	4330	10/13/2020	2650
10/14/2016	6575	10/13/2017	7225	10/12/2018	3740	10/14/2019	4260	10/14/2020	2710

10/17/2016	6575	10/16/2017	7050	10/15/2018	3500	10/15/2019	4180	10/15/2020	2680
10/18/2016	6825	10/17/2017	7050	10/16/2018	3540	10/16/2019	4230	10/16/2020	2680
10/19/2016	6900	10/18/2017	7175	10/17/2018	3600	10/17/2019	4240	10/19/2020	2680
10/20/2016	6650	10/19/2017	7350	10/18/2018	3620	10/18/2019	4180	10/20/2020	2680
10/21/2016	6525	10/20/2017	7500	10/19/2018	3640	10/21/2019	4080	10/21/2020	2650
10/24/2016	6800	10/23/2017	7450	10/22/2018	3650	10/22/2019	4080	10/22/2020	2620
10/25/2016	6975	10/24/2017	7675	10/23/2018	3600	10/23/2019	3940	10/23/2020	2630
10/26/2016	6850	10/25/2017	7900	10/24/2018	3530	10/24/2019	3950	10/26/2020	2640
10/27/2016	6900	10/26/2017	7925	10/25/2018	3580	10/25/2019	3920	10/27/2020	2680
10/28/2016	6750	10/27/2017	7600	10/26/2018	3640	10/28/2019	3900		
10/31/2016	7100	10/30/2017	7250	10/29/2018	3520	10/29/2019	4010		
		10/31/2017	7450	10/30/2018	3430	10/30/2019	4060		
				10/31/2018	3460	10/31/2019	3960		

ASII									
2016		2017		2018		2019		2020	
Tanggal	P	Tanggal	P	Tanggal	P	Tanggal	P	Tanggal	P
10/3/2016	8475	10/2/2017	7925	10/1/2018	7325	10/1/2019	6550	10/1/2020	4610
10/4/2016	8600	10/3/2017	8000	10/2/2018	7200	10/2/2019	6450	10/2/2020	4590
10/5/2016	8425	10/4/2017	8000	10/3/2018	7200	10/3/2019	6475	10/5/2020	4560
10/6/2016	8350	10/5/2017	7950	10/4/2018	7075	10/4/2019	6425	10/6/2020	4620
10/7/2016	8200	10/6/2017	7975	10/5/2018	6950	10/7/2019	6325	10/7/2020	4630
10/10/2016	8275	10/9/2017	7975	10/8/2018	6850	10/8/2019	6350	10/8/2020	4750
10/11/2016	8325	10/10/2017	7975	10/9/2018	7025	10/9/2019	6275	10/9/2020	4740
10/12/2016	8300	10/11/2017	8025	10/10/2018	6950	10/10/2019	6275	10/12/2020	4700
10/13/2016	8200	10/12/2017	8200	10/11/2018	6725	10/11/2019	6475	10/13/2020	4740
10/14/2016	8325	10/13/2017	8475	10/12/2018	6850	10/14/2019	6425	10/14/2020	4820
10/17/2016	8225	10/16/2017	8375	10/15/2018	6850	10/15/2019	6400	10/15/2020	4740
10/18/2016	8475	10/17/2017	8250	10/16/2018	6975	10/16/2019	6375	10/16/2020	4930
10/19/2016	8375	10/18/2017	8050	10/17/2018	7025	10/17/2019	6625	10/19/2020	5000
10/20/2016	8375	10/19/2017	7925	10/18/2018	7025	10/18/2019	6700	10/20/2020	5175
10/21/2016	8375	10/20/2017	8000	10/19/2018	7300	10/21/2019	6725	10/21/2020	5250
10/24/2016	8300	10/23/2017	8050	10/22/2018	7275	10/22/2019	6750	10/22/2020	5250
10/25/2016	8175	10/24/2017	8175	10/23/2018	7350	10/23/2019	6750	10/23/2020	5400
10/26/2016	8200	10/25/2017	8150	10/24/2018	7300	10/24/2019	6950	10/26/2020	5400
10/27/2016	8250	10/26/2017	8000	10/25/2018	7375	10/25/2019	6800	10/27/2020	5425
10/28/2016	8175	10/27/2017	7900	10/26/2018	7425	10/28/2019	6900		

10/31/2016	8225	10/30/2017	8000	10/29/2018	7500	10/29/2019	6975		
		10/31/2017	8000	10/30/2018	7700	10/30/2019	6950		
				10/31/2018	7900	10/31/2019	6950		

ICBP									
2016		2017		2018		2019		2020	
Tanggal	P	Tanggal	P	Tanggal	P	Tanggal	P	Tanggal	P
10/3/2016	9750	10/2/2017	8875	10/1/2018	8825	10/1/2019	11925	10/1/2020	10150
10/4/2016	9750	10/3/2017	8700	10/2/2018	8950	10/2/2019	12200	10/2/2020	10075
10/5/2016	9725	10/4/2017	8775	10/3/2018	8825	10/3/2019	12200	10/5/2020	10100
10/6/2016	9725	10/5/2017	8675	10/4/2018	8825	10/4/2019	12225	10/6/2020	10100
10/7/2016	9575	10/6/2017	8650	10/5/2018	8800	10/7/2019	12275	10/7/2020	10000
10/10/2016	9625	10/9/2017	8700	10/8/2018	8825	10/8/2019	12400	10/8/2020	10075
10/11/2016	9800	10/10/2017	8700	10/9/2018	8875	10/9/2019	12000	10/9/2020	10050
10/12/2016	9800	10/11/2017	8725	10/10/2018	8625	10/10/2019	11450	10/12/2020	9950
10/13/2016	9475	10/12/2017	8700	10/11/2018	8575	10/11/2019	11625	10/13/2020	9925
10/14/2016	9800	10/13/2017	8825	10/12/2018	8725	10/14/2019	11600	10/14/2020	9950
10/17/2016	9600	10/16/2017	8700	10/15/2018	8725	10/15/2019	11375	10/15/2020	9750
10/18/2016	9525	10/17/2017	8850	10/16/2018	8750	10/16/2019	11325	10/16/2020	9750
10/19/2016	9450	10/18/2017	8875	10/17/2018	8800	10/17/2019	11550	10/19/2020	9825
10/20/2016	9475	10/19/2017	8925	10/18/2018	8850	10/18/2019	11275	10/20/2020	9725
10/21/2016	9575	10/20/2017	8725	10/19/2018	8775	10/21/2019	11400	10/21/2020	9700
10/24/2016	9500	10/23/2017	8850	10/22/2018	8750	10/22/2019	11425	10/22/2020	9650
10/25/2016	9600	10/24/2017	8725	10/23/2018	8750	10/23/2019	11500	10/23/2020	9725
10/26/2016	9525	10/25/2017	8875	10/24/2018	8750	10/24/2019	11600	10/26/2020	9775
10/27/2016	9575	10/26/2017	8900	10/25/2018	8775	10/25/2019	11425	10/27/2020	9650
10/28/2016	9525	10/27/2017	8900	10/26/2018	8775	10/28/2019	11700		
10/31/2016	9400	10/30/2017	8825	10/29/2018	8800	10/29/2019	11600		
		10/31/2017	8800	10/30/2018	8650	10/30/2019	11675		
				10/31/2018	8925	10/31/2019	11625		

INCO									
2016		2017		2018		2019		2020	
Tanggal	P	Tanggal	P	Tanggal	P	Tanggal	P	Tanggal	P
10/3/2016	3130	10/2/2017	2600	10/1/2018	3600	10/1/2019	3380	10/1/2020	3640

10/4/2016	2960	10/3/2017	2750	10/2/2018	3450	10/2/2019	3330	10/2/2020	3610
10/5/2016	2750	10/4/2017	2910	10/3/2018	3400	10/3/2019	3590	10/5/2020	3580
10/6/2016	2700	10/5/2017	2790	10/4/2018	3420	10/4/2019	3630	10/6/2020	3620
10/7/2016	2670	10/6/2017	2820	10/5/2018	3540	10/7/2019	3620	10/7/2020	3440
10/10/2016	2670	10/9/2017	2800	10/8/2018	3450	10/8/2019	3570	10/8/2020	3500
10/11/2016	2720	10/10/2017	2920	10/9/2018	3400	10/9/2019	3590	10/9/2020	3690
10/12/2016	2760	10/11/2017	2970	10/10/2018	3530	10/10/2019	3790	10/12/2020	3940
10/13/2016	2760	10/12/2017	2990	10/11/2018	3360	10/11/2019	3830	10/13/2020	3830
10/14/2016	2740	10/13/2017	3000	10/12/2018	3360	10/14/2019	3830	10/14/2020	4190
10/17/2016	2750	10/16/2017	2970	10/15/2018	3250	10/15/2019	3680	10/15/2020	3960
10/18/2016	2890	10/17/2017	2880	10/16/2018	3140	10/16/2019	3590	10/16/2020	3960
10/19/2016	2850	10/18/2017	2820	10/17/2018	3260	10/17/2019	3510	10/19/2020	4120
10/20/2016	2870	10/19/2017	2870	10/18/2018	3200	10/18/2019	3480	10/20/2020	4130
10/21/2016	2700	10/20/2017	2990	10/19/2018	3190	10/21/2019	3440	10/21/2020	4280
10/24/2016	2670	10/23/2017	2990	10/22/2018	3210	10/22/2019	3400	10/22/2020	4210
10/25/2016	2680	10/24/2017	3030	10/23/2018	3150	10/23/2019	3470	10/23/2020	4210
10/26/2016	2640	10/25/2017	2970	10/24/2018	3070	10/24/2019	3700	10/26/2020	4130
10/27/2016	2680	10/26/2017	2890	10/25/2018	3030	10/25/2019	3590	10/27/2020	4050
10/28/2016	2630	10/27/2017	2800	10/26/2018	2990	10/28/2019	3550		
10/31/2016	2720	10/30/2017	2920	10/29/2018	2880	10/29/2019	3700		
		10/31/2017	2940	10/30/2018	2830	10/30/2019	3760		
				10/31/2018	2920	10/31/2019	3710		

INDF									
2016		2017		2018		2019		2020	
Tanggal	P	Tanggal	P	Tanggal	P	Tanggal	P	Tanggal	P
10/3/2016	9150	10/2/2017	8550	10/1/2018	6025	10/1/2019	7625	10/1/2020	7175
10/4/2016	8925	10/3/2017	8600	10/2/2018	5975	10/2/2019	7675	10/2/2020	7075
10/5/2016	8900	10/4/2017	8600	10/3/2018	5950	10/3/2019	7675	10/5/2020	7100
10/6/2016	8900	10/5/2017	8425	10/4/2018	5900	10/4/2019	7850	10/6/2020	7225
10/7/2016	8900	10/6/2017	8400	10/5/2018	5775	10/7/2019	7700	10/7/2020	7125
10/10/2016	8725	10/9/2017	8400	10/8/2018	5575	10/8/2019	7775	10/8/2020	7225
10/11/2016	8925	10/10/2017	8425	10/9/2018	5600	10/9/2019	7800	10/9/2020	7225
10/12/2016	8925	10/11/2017	8375	10/10/2018	5700	10/10/2019	7650	10/12/2020	7200
10/13/2016	8700	10/12/2017	8400	10/11/2018	5525	10/11/2019	7650	10/13/2020	7250
10/14/2016	8825	10/13/2017	8325	10/12/2018	5575	10/14/2019	7700	10/14/2020	7125
10/17/2016	8625	10/16/2017	8325	10/15/2018	5525	10/15/2019	7600	10/15/2020	7050

10/18/2016	8650	10/17/2017	8250	10/16/2018	5650	10/16/2019	7575	10/16/2020	7075
10/19/2016	8550	10/18/2017	8325	10/17/2018	6000	10/17/2019	7650	10/19/2020	7150
10/20/2016	8600	10/19/2017	8150	10/18/2018	6100	10/18/2019	7550	10/20/2020	7025
10/21/2016	8725	10/20/2017	8225	10/19/2018	6000	10/21/2019	7475	10/21/2020	7075
10/24/2016	8725	10/23/2017	8350	10/22/2018	5950	10/22/2019	7375	10/22/2020	7225
10/25/2016	8525	10/24/2017	8400	10/23/2018	5800	10/23/2019	7550	10/23/2020	7075
10/26/2016	8525	10/25/2017	8475	10/24/2018	5700	10/24/2019	7650	10/26/2020	7075
10/27/2016	8625	10/26/2017	8475	10/25/2018	5800	10/25/2019	7550	10/27/2020	7000
10/28/2016	8525	10/27/2017	8250	10/26/2018	5700	10/28/2019	7700		
10/31/2016	8500	10/30/2017	8150	10/29/2018	5650	10/29/2019	7500		
		10/31/2017	8200	10/30/2018	5700	10/30/2019	7600		
				10/31/2018	5975	10/31/2019	7700		

KLB									
2016		2017		2018		2019		2020	
Tanggal	P	Tanggal	P	Tanggal	P	Tanggal	P	Tanggal	P
10/3/2016	1725	10/2/2017	1675	10/1/2018	1385	10/1/2019	1675	10/1/2020	1610
10/4/2016	1740	10/3/2017	1675	10/2/2018	1375	10/2/2019	1670	10/2/2020	1570
10/5/2016	1710	10/4/2017	1725	10/3/2018	1380	10/3/2019	1650	10/5/2020	1565
10/6/2016	1710	10/5/2017	1680	10/4/2018	1300	10/4/2019	1650	10/6/2020	1565
10/7/2016	1710	10/6/2017	1685	10/5/2018	1265	10/7/2019	1630	10/7/2020	1590
10/10/2016	1715	10/9/2017	1710	10/8/2018	1290	10/8/2019	1660	10/8/2020	1600
10/11/2016	1720	10/10/2017	1725	10/9/2018	1250	10/9/2019	1650	10/9/2020	1570
10/12/2016	1710	10/11/2017	1730	10/10/2018	1285	10/10/2019	1650	10/12/2020	1580
10/13/2016	1725	10/12/2017	1700	10/11/2018	1255	10/11/2019	1660	10/13/2020	1585
10/14/2016	1725	10/13/2017	1700	10/12/2018	1270	10/14/2019	1670	10/14/2020	1590
10/17/2016	1735	10/16/2017	1700	10/15/2018	1285	10/15/2019	1660	10/15/2020	1560
10/18/2016	1735	10/17/2017	1700	10/16/2018	1350	10/16/2019	1655	10/16/2020	1550
10/19/2016	1730	10/18/2017	1700	10/17/2018	1360	10/17/2019	1655	10/19/2020	1570
10/20/2016	1730	10/19/2017	1700	10/18/2018	1365	10/18/2019	1625	10/20/2020	1565
10/21/2016	1720	10/20/2017	1700	10/19/2018	1380	10/21/2019	1635	10/21/2020	1565
10/24/2016	1730	10/23/2017	1685	10/22/2018	1340	10/22/2019	1630	10/22/2020	1580
10/25/2016	1720	10/24/2017	1660	10/23/2018	1320	10/23/2019	1610	10/23/2020	1585
10/26/2016	1750	10/25/2017	1660	10/24/2018	1280	10/24/2019	1615	10/26/2020	1545
10/27/2016	1745	10/26/2017	1600	10/25/2018	1315	10/25/2019	1570	10/27/2020	1525
10/28/2016	1730	10/27/2017	1620	10/26/2018	1335	10/28/2019	1605		
10/31/2016	1740	10/30/2017	1620	10/29/2018	1340	10/29/2019	1635		



		10/31/2017	1600	10/30/2018	1350	10/30/2019	1645		
				10/31/2018	1370	10/31/2019	1595		

PTBA									
2016		2017		2018		2019		2020	
Tanggal	P	Tanggal	P	Tanggal	P	Tanggal	P	Tanggal	P
10/3/2016	1990	10/2/2017	2010	10/1/2018	4400	10/1/2019	2280	10/1/2020	2000
10/4/2016	2055	10/3/2017	2120	10/2/2018	4590	10/2/2019	2240	10/2/2020	1970
10/5/2016	2050	10/4/2017	2130	10/3/2018	4660	10/3/2019	2240	10/5/2020	1950
10/6/2016	2130	10/5/2017	2165	10/4/2018	4710	10/4/2019	2200	10/6/2020	1970
10/7/2016	2170	10/6/2017	2220	10/5/2018	4740	10/7/2019	2150	10/7/2020	1965
10/10/2016	2240	10/9/2017	2200	10/8/2018	4690	10/8/2019	2230	10/8/2020	1990
10/11/2016	2335	10/10/2017	2170	10/9/2018	4500	10/9/2019	2240	10/9/2020	1985
10/12/2016	2325	10/11/2017	2255	10/10/2018	4540	10/10/2019	2260	10/12/2020	2020
10/13/2016	2320	10/12/2017	2240	10/11/2018	4470	10/11/2019	2270	10/13/2020	2030
10/14/2016	2340	10/13/2017	2215	10/12/2018	4560	10/14/2019	2250	10/14/2020	2050
10/17/2016	2485	10/16/2017	2130	10/15/2018	4440	10/15/2019	2260	10/15/2020	2010
10/18/2016	2440	10/17/2017	2150	10/16/2018	4390	10/16/2019	2260	10/16/2020	2050
10/19/2016	2505	10/18/2017	2185	10/17/2018	4500	10/17/2019	2220	10/19/2020	2050
10/20/2016	2500	10/19/2017	2200	10/18/2018	4490	10/18/2019	2350	10/20/2020	2010
10/21/2016	2400	10/20/2017	2120	10/19/2018	4540	10/21/2019	2350	10/21/2020	2000
10/24/2016	2435	10/23/2017	2140	10/22/2018	4610	10/22/2019	2360	10/22/2020	1965
10/25/2016	2455	10/24/2017	2160	10/23/2018	4510	10/23/2019	2450	10/23/2020	1960
10/26/2016	2535	10/25/2017	2145	10/24/2018	4300	10/24/2019	2410	10/26/2020	1970
10/27/2016	2500	10/26/2017	2205	10/25/2018	4490	10/25/2019	2350	10/27/2020	1960
10/28/2016	2405	10/27/2017	2185	10/26/2018	4250	10/28/2019	2370		
10/31/2016	2380	10/30/2017	2285	10/29/2018	4190	10/29/2019	2350		
		10/31/2017	2295	10/30/2018	4190	10/30/2019	2340		
				10/31/2018	4250	10/31/2019	2250		

SMGR									
2016		2017		2018		2019		2020	
Tanggal	P	Tanggal	P	Tanggal	P	Tanggal	P	Tanggal	P
10/3/2016	10400	10/2/2017	10200	10/1/2018	9600	10/1/2019	11200	10/1/2020	9575
10/4/2016	10675	10/3/2017	10050	10/2/2018	9025	10/2/2019	10950	10/2/2020	9450

10/5/2016	10500	10/4/2017	10300	10/3/2018	9150	10/3/2019	10825	10/5/2020	9450
10/6/2016	10450	10/5/2017	10375	10/4/2018	8850	10/4/2019	11525	10/6/2020	9425
10/7/2016	10400	10/6/2017	10700	10/5/2018	8925	10/7/2019	11300	10/7/2020	9475
10/10/2016	10300	10/9/2017	10575	10/8/2018	9300	10/8/2019	11450	10/8/2020	9650
10/11/2016	10000	10/10/2017	10650	10/9/2018	9300	10/9/2019	11350	10/9/2020	9375
10/12/2016	10050	10/11/2017	10450	10/10/2018	9125	10/10/2019	11550	10/12/2020	9400
10/13/2016	10075	10/12/2017	10750	10/11/2018	8900	10/11/2019	11825	10/13/2020	9350
10/14/2016	10075	10/13/2017	10850	10/12/2018	8900	10/14/2019	12100	10/14/2020	9300
10/17/2016	9900	10/16/2017	10900	10/15/2018	8825	10/15/2019	12350	10/15/2020	9100
10/18/2016	10050	10/17/2017	10850	10/16/2018	8975	10/16/2019	12600	10/16/2020	9175
10/19/2016	9975	10/18/2017	10825	10/17/2018	9000	10/17/2019	12700	10/19/2020	9175
10/20/2016	9900	10/19/2017	10500	10/18/2018	9000	10/18/2019	12500	10/20/2020	9475
10/21/2016	10000	10/20/2017	10425	10/19/2018	8925	10/21/2019	12625	10/21/2020	9500
10/24/2016	9975	10/23/2017	10550	10/22/2018	9000	10/22/2019	12575	10/22/2020	9325
10/25/2016	10150	10/24/2017	10725	10/23/2018	9100	10/23/2019	12675	10/23/2020	9425
10/26/2016	10075	10/25/2017	10875	10/24/2018	9100	10/24/2019	12700	10/26/2020	9600
10/27/2016	10075	10/26/2017	11025	10/25/2018	8950	10/25/2019	12525	10/27/2020	9575
10/28/2016	9975	10/27/2017	10775	10/26/2018	8925	10/28/2019	12950		
10/31/2016	9850	10/30/2017	10775	10/29/2018	8600	10/29/2019	13000		
		10/31/2017	10900	10/30/2018	8650	10/30/2019	13325		
				10/31/2018	9000	10/31/2019	12650		

TLKM									
2016		2017		2018		2019		2020	
Tanggal	P	Tanggal	P	Tanggal	P	Tanggal	P	Tanggal	P
10/3/2016	4380	10/2/2017	4680	10/1/2018	3670	10/1/2019	4250	10/1/2020	2750
10/4/2016	4360	10/3/2017	4690	10/2/2018	3620	10/2/2019	4200	10/2/2020	2680
10/5/2016	4300	10/4/2017	4690	10/3/2018	3600	10/3/2019	4200	10/5/2020	2650
10/6/2016	4210	10/5/2017	4660	10/4/2018	3600	10/4/2019	4190	10/6/2020	2650
10/7/2016	4200	10/6/2017	4660	10/5/2018	3530	10/7/2019	4110	10/7/2020	2660
10/10/2016	4160	10/9/2017	4620	10/8/2018	3520	10/8/2019	4090	10/8/2020	2700
10/11/2016	4160	10/10/2017	4530	10/9/2018	3590	10/9/2019	4120	10/9/2020	2730
10/12/2016	4140	10/11/2017	4400	10/10/2018	3600	10/10/2019	4110	10/12/2020	2730
10/13/2016	4180	10/12/2017	4440	10/11/2018	3570	10/11/2019	4170	10/13/2020	2730
10/14/2016	4210	10/13/2017	4430	10/12/2018	3680	10/14/2019	4190	10/14/2020	2810
10/17/2016	4240	10/16/2017	4450	10/15/2018	3660	10/15/2019	4170	10/15/2020	2780
10/18/2016	4230	10/17/2017	4400	10/16/2018	3780	10/16/2019	4170	10/16/2020	2750

10/19/2016	4200	10/18/2017	4300	10/17/2018	3900	10/17/2019	4170	10/19/2020	2710
10/20/2016	4200	10/19/2017	4210	10/18/2018	3760	10/18/2019	4190	10/20/2020	2670
10/21/2016	4210	10/20/2017	4270	10/19/2018	3730	10/21/2019	4200	10/21/2020	2680
10/24/2016	4220	10/23/2017	4250	10/22/2018	3800	10/22/2019	4230	10/22/2020	2700
10/25/2016	4200	10/24/2017	4230	10/23/2018	3700	10/23/2019	4260	10/23/2020	2630
10/26/2016	4190	10/25/2017	4090	10/24/2018	3520	10/24/2019	4350	10/26/2020	2650
10/27/2016	4240	10/26/2017	4160	10/25/2018	3550	10/25/2019	4280	10/27/2020	2620
10/28/2016	4230	10/27/2017	4150	10/26/2018	3630	10/28/2019	4260		
10/31/2016	4220	10/30/2017	4080	10/29/2018	3660	10/29/2019	4330		
		10/31/2017	4030	10/30/2018	3800	10/30/2019	4270		
				10/31/2018	3850	10/31/2019	4110		

UNTR									
2016		2017		2018		2019		2020	
Tanggal	P	Tanggal	P	Tanggal	P	Tanggal	P	Tanggal	P
10/3/2016	18350	10/2/2017	32100	10/1/2018	32775	10/1/2019	20550	10/1/2020	22775
10/4/2016	18450	10/3/2017	33000	10/2/2018	32425	10/2/2019	20200	10/2/2020	22675
10/5/2016	18700	10/4/2017	33550	10/3/2018	32500	10/3/2019	20200	10/5/2020	22325
10/6/2016	19300	10/5/2017	32175	10/4/2018	31925	10/4/2019	20200	10/6/2020	22625
10/7/2016	19450	10/6/2017	32525	10/5/2018	32600	10/7/2019	20400	10/7/2020	22275
10/10/2016	18850	10/9/2017	33125	10/8/2018	32075	10/8/2019	20225	10/8/2020	22600
10/11/2016	19450	10/10/2017	34250	10/9/2018	32000	10/9/2019	20050	10/9/2020	22400
10/12/2016	19100	10/11/2017	34250	10/10/2018	32300	10/10/2019	20150	10/12/2020	22500
10/13/2016	19400	10/12/2017	34700	10/11/2018	31400	10/11/2019	20325	10/13/2020	22500
10/14/2016	19200	10/13/2017	34250	10/12/2018	31675	10/14/2019	20625	10/14/2020	22475
10/17/2016	19800	10/16/2017	34450	10/15/2018	31450	10/15/2019	20900	10/15/2020	21700
10/18/2016	19800	10/17/2017	34025	10/16/2018	31750	10/16/2019	20350	10/16/2020	21875
10/19/2016	20100	10/18/2017	34900	10/17/2018	32000	10/17/2019	20375	10/19/2020	22050
10/20/2016	20050	10/19/2017	34350	10/18/2018	31925	10/18/2019	20850	10/20/2020	22275
10/21/2016	20200	10/20/2017	33000	10/19/2018	32400	10/21/2019	20775	10/21/2020	22275
10/24/2016	20325	10/23/2017	32150	10/22/2018	32375	10/22/2019	21500	10/22/2020	22150
10/25/2016	20750	10/24/2017	32050	10/23/2018	32125	10/23/2019	21625	10/23/2020	21925
10/26/2016	21150	10/25/2017	34950	10/24/2018	31800	10/24/2019	21925	10/26/2020	21725
10/27/2016	21550	10/26/2017	33300	10/25/2018	32050	10/25/2019	21200	10/27/2020	21125
10/28/2016	21100	10/27/2017	32675	10/26/2018	33400	10/28/2019	21450		
10/31/2016	21625	10/30/2017	34100	10/29/2018	32500	10/29/2019	21325		
		10/31/2017	34675	10/30/2018	32700	10/30/2019	21700		

				10/31/2018	33500	10/31/2019	21675		
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UNVR									
2016		2017		2018		2019		2020	
Tanggal	P	Tanggal	P	Tanggal	P	Tanggal	P	Tanggal	P
10/3/2016	9040	10/2/2017	10030	10/1/2018	9260	10/1/2019	9240	10/1/2020	8025
10/4/2016	9010	10/3/2017	10165	10/2/2018	9155	10/2/2019	9090	10/2/2020	8000
10/5/2016	8965	10/4/2017	10180	10/3/2018	8970	10/3/2019	9015	10/5/2020	8075
10/6/2016	9035	10/5/2017	10020	10/4/2018	8605	10/4/2019	9085	10/6/2020	7975
10/7/2016	8900	10/6/2017	9995	10/5/2018	8535	10/7/2019	8800	10/7/2020	8000
10/10/2016	8920	10/9/2017	9960	10/8/2018	8840	10/8/2019	8945	10/8/2020	8025
10/11/2016	9050	10/10/2017	9865	10/9/2018	8880	10/9/2019	8840	10/9/2020	8050
10/12/2016	9000	10/11/2017	9775	10/10/2018	8980	10/10/2019	8775	10/12/2020	7950
10/13/2016	8900	10/12/2017	9800	10/11/2018	8820	10/11/2019	8835	10/13/2020	7975
10/14/2016	9000	10/13/2017	9850	10/12/2018	8860	10/14/2019	8900	10/14/2020	7925
10/17/2016	8945	10/16/2017	9840	10/15/2018	8720	10/15/2019	8950	10/15/2020	7925
10/18/2016	8895	10/17/2017	10000	10/16/2018	9120	10/16/2019	9120	10/16/2020	8000
10/19/2016	8865	10/18/2017	9995	10/17/2018	9000	10/17/2019	8950	10/19/2020	7900
10/20/2016	8860	10/19/2017	9935	10/18/2018	8920	10/18/2019	8625	10/20/2020	8000
10/21/2016	8830	10/20/2017	9910	10/19/2018	8970	10/21/2019	8685	10/21/2020	7950
10/24/2016	8880	10/23/2017	9830	10/22/2018	8895	10/22/2019	8790	10/22/2020	7850
10/25/2016	8885	10/24/2017	9830	10/23/2018	8900	10/23/2019	8855	10/23/2020	7925
10/26/2016	8900	10/25/2017	9900	10/24/2018	8600	10/24/2019	8855	10/26/2020	7875
10/27/2016	8885	10/26/2017	9905	10/25/2018	8860	10/25/2019	8630	10/27/2020	7825
10/28/2016	8905	10/27/2017	9830	10/26/2018	8835	10/28/2019	8700		
10/31/2016	8895	10/30/2017	9830	10/29/2018	8790	10/29/2019	8715		
		10/31/2017	9920	10/30/2018	8900	10/30/2019	8720		
				10/31/2018	8645	10/31/2019	8745		

WIKI									
2016		2017		2018		2019		2020	
Tanggal	P	Tanggal	P	Tanggal	P	Tanggal	P	Tanggal	P
10/3/2016	2713.395	10/2/2017	1805	10/1/2018	1450	10/1/2019	1910	10/1/2020	1120
10/4/2016	2676.352	10/3/2017	1835	10/2/2018	1415	10/2/2019	1880	10/2/2020	1075
10/5/2016	2685.613	10/4/2017	1855	10/3/2018	1375	10/3/2019	1900	10/5/2020	1090

10/6/2016	2639.309	10/5/2017	1795	10/4/2018	1350	10/4/2019	1855	10/6/2020	1175
10/7/2016	2620.788	10/6/2017	1785	10/5/2018	1310	10/7/2019	1820	10/7/2020	1160
10/10/2016	2565.223	10/9/2017	1800	10/8/2018	1300	10/8/2019	1845	10/8/2020	1160
10/11/2016	2546.702	10/10/2017	1785	10/9/2018	1300	10/9/2019	1815	10/9/2020	1215
10/12/2016	2546.702	10/11/2017	1755	10/10/2018	1305	10/10/2019	1810	10/12/2020	1215
10/13/2016	2518.92	10/12/2017	1735	10/11/2018	1270	10/11/2019	1865	10/13/2020	1245
10/14/2016	2555.963	10/13/2017	1760	10/12/2018	1290	10/14/2019	1905	10/14/2020	1255
10/17/2016	2546.702	10/16/2017	1800	10/15/2018	1285	10/15/2019	1920	10/15/2020	1230
10/18/2016	2537.441	10/17/2017	1800	10/16/2018	1270	10/16/2019	1910	10/16/2020	1220
10/19/2016	2500.398	10/18/2017	1775	10/17/2018	1270	10/17/2019	1900	10/19/2020	1250
10/20/2016	2481.877	10/19/2017	1810	10/18/2018	1255	10/18/2019	2000	10/20/2020	1215
10/21/2016	2407.791	10/20/2017	1900	10/19/2018	1240	10/21/2019	1990	10/21/2020	1225
10/24/2016	2435.573	10/23/2017	1990	10/22/2018	1265	10/22/2019	2000	10/22/2020	1180
10/25/2016	2454.094	10/24/2017	1990	10/23/2018	1240	10/23/2019	2100	10/23/2020	1190
10/26/2016	2454.094	10/25/2017	2050	10/24/2018	1225	10/24/2019	2130	10/26/2020	1215
10/27/2016	2454.094	10/26/2017	2050	10/25/2018	1200	10/25/2019	2120	10/27/2020	1205
10/28/2016	2444.834	10/27/2017	2010	10/26/2018	1165	10/28/2019	2030		
10/31/2016	2380.009	10/30/2017	1995	10/29/2018	1105	10/29/2019	2120		
		10/31/2017	1970	10/30/2018	1100	10/30/2019	2100		
				10/31/2018	1100	10/31/2019	1980		

BSDE									
2016		2017		2018		2019		2020	
Tanggal	P	Tanggal	P	Tanggal	P	Tanggal	P	Tanggal	P
10/3/2016	2250	10/2/2017	1790	10/1/2018	1165	10/1/2019	1395	10/1/2020	745
10/4/2016	2210	10/3/2017	1800	10/2/2018	1120	10/2/2019	1350	10/2/2020	760
10/5/2016	2180	10/4/2017	1800	10/3/2018	1095	10/3/2019	1320	10/5/2020	780
10/6/2016	2200	10/5/2017	1805	10/4/2018	1035	10/4/2019	1320	10/6/2020	790
10/7/2016	2170	10/6/2017	1805	10/5/2018	1005	10/7/2019	1295	10/7/2020	785
10/10/2016	2140	10/9/2017	1805	10/8/2018	1005	10/8/2019	1325	10/8/2020	780
10/11/2016	2180	10/10/2017	1795	10/9/2018	1000	10/9/2019	1355	10/9/2020	780
10/12/2016	2180	10/11/2017	1770	10/10/2018	1005	10/10/2019	1410	10/12/2020	795
10/13/2016	2140	10/12/2017	1775	10/11/2018	965	10/11/2019	1415	10/13/2020	795
10/14/2016	2180	10/13/2017	1750	10/12/2018	990	10/14/2019	1390	10/14/2020	795
10/17/2016	2170	10/16/2017	1765	10/15/2018	995	10/15/2019	1390	10/15/2020	790
10/18/2016	2230	10/17/2017	1785	10/16/2018	1025	10/16/2019	1410	10/16/2020	795
10/19/2016	2220	10/18/2017	1780	10/17/2018	1090	10/17/2019	1410	10/19/2020	845

10/20/2016	2220	10/19/2017	1790	10/18/2018	1100	10/18/2019	1410	10/20/2020	840
10/21/2016	2190	10/20/2017	1780	10/19/2018	1105	10/21/2019	1415	10/21/2020	835
10/24/2016	2200	10/23/2017	1770	10/22/2018	1130	10/22/2019	1420	10/22/2020	845
10/25/2016	2200	10/24/2017	1770	10/23/2018	1135	10/23/2019	1415	10/23/2020	895
10/26/2016	2180	10/25/2017	1760	10/24/2018	1100	10/24/2019	1450	10/26/2020	890
10/27/2016	2170	10/26/2017	1750	10/25/2018	1100	10/25/2019	1430	10/27/2020	890
10/28/2016	2170	10/27/2017	1725	10/26/2018	1115	10/28/2019	1410		
10/31/2016	2170	10/30/2017	1725	10/29/2018	1090	10/29/2019	1475		
		10/31/2017	1720	10/30/2018	1080	10/30/2019	1460		
				10/31/2018	1100	10/31/2019	1415		

INTP									
2016		2017		2018		2019		2020	
Tanggal	P	Tanggal	P	Tanggal	P	Tanggal	P	Tanggal	P
10/3/2016	17800	10/2/2017	19250	10/1/2018	17625	10/1/2019	18700	10/1/2020	10775
10/4/2016	17800	10/3/2017	18950	10/2/2018	16825	10/2/2019	17825	10/2/2020	10625
10/5/2016	17750	10/4/2017	19300	10/3/2018	16625	10/3/2019	18200	10/5/2020	10550
10/6/2016	17700	10/5/2017	19025	10/4/2018	15700	10/4/2019	19200	10/6/2020	10600
10/7/2016	17950	10/6/2017	19100	10/5/2018	15850	10/7/2019	18550	10/7/2020	10825
10/10/2016	17800	10/9/2017	19275	10/8/2018	16250	10/8/2019	18000	10/8/2020	10875
10/11/2016	17675	10/10/2017	19225	10/9/2018	16750	10/9/2019	17925	10/9/2020	10775
10/12/2016	17450	10/11/2017	19275	10/10/2018	16900	10/10/2019	17900	10/12/2020	10875
10/13/2016	17200	10/12/2017	19275	10/11/2018	16475	10/11/2019	18225	10/13/2020	11175
10/14/2016	17250	10/13/2017	19275	10/12/2018	16900	10/14/2019	18950	10/14/2020	11500
10/17/2016	16950	10/16/2017	19475	10/15/2018	16925	10/15/2019	19600	10/15/2020	11650
10/18/2016	16875	10/17/2017	19325	10/16/2018	16900	10/16/2019	19875	10/16/2020	11800
10/19/2016	16800	10/18/2017	19300	10/17/2018	16875	10/17/2019	20350	10/19/2020	11900
10/20/2016	16525	10/19/2017	19275	10/18/2018	16600	10/18/2019	20125	10/20/2020	12000
10/21/2016	16425	10/20/2017	19250	10/19/2018	16900	10/21/2019	20000	10/21/2020	12125
10/24/2016	16650	10/23/2017	19600	10/22/2018	16600	10/22/2019	20000	10/22/2020	12450
10/25/2016	16700	10/24/2017	19400	10/23/2018	16350	10/23/2019	20375	10/23/2020	12400
10/26/2016	16700	10/25/2017	21850	10/24/2018	16250	10/24/2019	20150	10/26/2020	12325
10/27/2016	16350	10/26/2017	20825	10/25/2018	16775	10/25/2019	20150	10/27/2020	12225
10/28/2016	16475	10/27/2017	21300	10/26/2018	16500	10/28/2019	19950		
10/31/2016	16450	10/30/2017	21400	10/29/2018	16450	10/29/2019	20200		
		10/31/2017	22450	10/30/2018	16600	10/30/2019	20850		
				10/31/2018	17300	10/31/2019	20000		

LPPF									
2016		2017		2018		2019		2020	
Tanggal	P	Tanggal	P	Tanggal	P	Tanggal	P	Tanggal	P
10/3/2016	19200	10/2/2017	9675	10/1/2018	6850	10/1/2019	3690	10/1/2020	1000
10/4/2016	18900	10/3/2017	9875	10/2/2018	7100	10/2/2019	3520	10/2/2020	950
10/5/2016	18775	10/4/2017	9675	10/3/2018	6875	10/3/2019	3580	10/5/2020	920
10/6/2016	18725	10/5/2017	9650	10/4/2018	6550	10/4/2019	3800	10/6/2020	910
10/7/2016	18175	10/6/2017	9800	10/5/2018	6475	10/7/2019	3700	10/7/2020	905
10/10/2016	18200	10/9/2017	9750	10/8/2018	6700	10/8/2019	3800	10/8/2020	905
10/11/2016	17700	10/10/2017	9500	10/9/2018	6525	10/9/2019	3920	10/9/2020	960
10/12/2016	17575	10/11/2017	9200	10/10/2018	6275	10/10/2019	3870	10/12/2020	995
10/13/2016	17500	10/12/2017	9350	10/11/2018	6000	10/11/2019	3980	10/13/2020	1000
10/14/2016	18400	10/13/2017	9400	10/12/2018	5975	10/14/2019	4030	10/14/2020	1005
10/17/2016	18600	10/16/2017	9650	10/15/2018	6000	10/15/2019	4250	10/15/2020	1010
10/18/2016	19100	10/17/2017	9650	10/16/2018	6050	10/16/2019	4220	10/16/2020	1025
10/19/2016	18925	10/18/2017	9700	10/17/2018	6150	10/17/2019	4200	10/19/2020	1020
10/20/2016	19150	10/19/2017	9600	10/18/2018	5900	10/18/2019	4180	10/20/2020	1015
10/21/2016	19250	10/20/2017	9250	10/19/2018	5625	10/21/2019	4130	10/21/2020	1010
10/24/2016	19000	10/23/2017	9500	10/22/2018	5025	10/22/2019	4170	10/22/2020	1010
10/25/2016	18300	10/24/2017	9425	10/23/2018	4990	10/23/2019	3980	10/23/2020	985
10/26/2016	17675	10/25/2017	9100	10/24/2018	4650	10/24/2019	3940	10/26/2020	1010
10/27/2016	17850	10/26/2017	9025	10/25/2018	4700	10/25/2019	3750	10/27/2020	1000
10/28/2016	18100	10/27/2017	8600	10/26/2018	5150	10/28/2019	3890		
10/31/2016	18025	10/30/2017	8675	10/29/2018	4940	10/29/2019	3760		
		10/31/2017	8600	10/30/2018	4790	10/30/2019	3700		
				10/31/2018	4850	10/31/2019	3640		

PGAS									
2016		2017		2018		2019		2020	
Tanggal	P	Tanggal	P	Tanggal	P	Tanggal	P	Tanggal	P
10/3/2016	2870	10/2/2017	1560	10/1/2018	2240	10/1/2019	2040	10/1/2020	955
10/4/2016	2900	10/3/2017	1530	10/2/2018	2280	10/2/2019	2060	10/2/2020	920
10/5/2016	2730	10/4/2017	1525	10/3/2018	2300	10/3/2019	2060	10/5/2020	930
10/6/2016	2670	10/5/2017	1470	10/4/2018	2290	10/4/2019	2100	10/6/2020	970

10/7/2016	2600	10/6/2017	1410	10/5/2018	2200	10/7/2019	2050	10/7/2020	975
10/10/2016	2610	10/9/2017	1445	10/8/2018	2220	10/8/2019	2020	10/8/2020	980
10/11/2016	2590	10/10/2017	1405	10/9/2018	2120	10/9/2019	2010	10/9/2020	980
10/12/2016	2580	10/11/2017	1415	10/10/2018	2250	10/10/2019	2020	10/12/2020	1000
10/13/2016	2570	10/12/2017	1590	10/11/2018	2140	10/11/2019	2190	10/13/2020	1035
10/14/2016	2560	10/13/2017	1640	10/12/2018	2120	10/14/2019	2180	10/14/2020	1065
10/17/2016	2590	10/16/2017	1625	10/15/2018	2040	10/15/2019	2220	10/15/2020	1035
10/18/2016	2570	10/17/2017	1610	10/16/2018	2200	10/16/2019	2220	10/16/2020	1030
10/19/2016	2500	10/18/2017	1660	10/17/2018	2310	10/17/2019	2230	10/19/2020	1065
10/20/2016	2490	10/19/2017	1660	10/18/2018	2230	10/18/2019	2270	10/20/2020	1045
10/21/2016	2440	10/20/2017	1680	10/19/2018	2270	10/21/2019	2220	10/21/2020	1060
10/24/2016	2570	10/23/2017	1745	10/22/2018	2340	10/22/2019	2240	10/22/2020	1060
10/25/2016	2600	10/24/2017	1735	10/23/2018	2350	10/23/2019	2330	10/23/2020	1065
10/26/2016	2560	10/25/2017	1735	10/24/2018	2250	10/24/2019	2340	10/26/2020	1105
10/27/2016	2550	10/26/2017	1675	10/25/2018	2250	10/25/2019	2340	10/27/2020	1075
10/28/2016	2590	10/27/2017	1635	10/26/2018	2160	10/28/2019	2300		
10/31/2016	2560	10/30/2017	1865	10/29/2018	2170	10/29/2019	2350		
		10/31/2017	1840	10/30/2018	2130	10/30/2019	2440		
				10/31/2018	2220	10/31/2019	2110		

PTPP									
2016		2017		2018		2019		2020	
Tanggal	P	Tanggal	P	Tanggal	P	Tanggal	P	Tanggal	P
10/3/2016	4153.578	10/2/2017	2430	10/1/2018	1585	10/1/2019	1695	10/1/2020	840
10/4/2016	4087.044	10/3/2017	2570	10/2/2018	1645	10/2/2019	1640	10/2/2020	805
10/5/2016	4039.521	10/4/2017	2670	10/3/2018	1620	10/3/2019	1720	10/5/2020	820
10/6/2016	3972.988	10/5/2017	2700	10/4/2018	1570	10/4/2019	1670	10/6/2020	865
10/7/2016	3982.492	10/6/2017	2690	10/5/2018	1545	10/7/2019	1610	10/7/2020	870
10/10/2016	3991.997	10/9/2017	2600	10/8/2018	1545	10/8/2019	1610	10/8/2020	865
10/11/2016	4039.521	10/10/2017	2560	10/9/2018	1545	10/9/2019	1595	10/9/2020	895
10/12/2016	3963.483	10/11/2017	2530	10/10/2018	1660	10/10/2019	1560	10/12/2020	905
10/13/2016	3887.445	10/12/2017	2560	10/11/2018	1575	10/11/2019	1600	10/13/2020	930
10/14/2016	3991.997	10/13/2017	2720	10/12/2018	1600	10/14/2019	1630	10/14/2020	935
10/17/2016	3991.997	10/16/2017	2760	10/15/2018	1545	10/15/2019	1695	10/15/2020	910
10/18/2016	3991.997	10/17/2017	2720	10/16/2018	1545	10/16/2019	1685	10/16/2020	925
10/19/2016	3991.997	10/18/2017	2730	10/17/2018	1560	10/17/2019	1700	10/19/2020	925
10/20/2016	4001.502	10/19/2017	2770	10/18/2018	1550	10/18/2019	1750	10/20/2020	915



10/21/2016	4087.044	10/20/2017	2800	10/19/2018	1570	10/21/2019	1725	10/21/2020	935
10/24/2016	4001.502	10/23/2017	2850	10/22/2018	1570	10/22/2019	1735	10/22/2020	930
10/25/2016	3944.473	10/24/2017	2830	10/23/2018	1535	10/23/2019	1775	10/23/2020	920
10/26/2016	3868.435	10/25/2017	2870	10/24/2018	1495	10/24/2019	1815	10/26/2020	930
10/27/2016	3839.921	10/26/2017	2940	10/25/2018	1445	10/25/2019	1815	10/27/2020	915
10/28/2016	3896.949	10/27/2017	2920	10/26/2018	1435	10/28/2019	1800		
10/31/2016	3915.959	10/30/2017	2860	10/29/2018	1370	10/29/2019	1835		
		10/31/2017	2850	10/30/2018	1340	10/30/2019	1835		
				10/31/2018	1330	10/31/2019	1775		

SCMA									
2016		2017		2018		2019		2020	
Tanggal	P	Tanggal	P	Tanggal	P	Tanggal	P	Tanggal	P
10/3/2016	2880	10/2/2017	2140	10/1/2018	1820	10/1/2019	1210	10/1/2020	1210
10/4/2016	2890	10/3/2017	2090	10/2/2018	1805	10/2/2019	1165	10/2/2020	1180
10/5/2016	2870	10/4/2017	2080	10/3/2018	1810	10/3/2019	1175	10/5/2020	1185
10/6/2016	2720	10/5/2017	2090	10/4/2018	1730	10/4/2019	1190	10/6/2020	1185
10/7/2016	2680	10/6/2017	2090	10/5/2018	1720	10/7/2019	1170	10/7/2020	1180
10/10/2016	2650	10/9/2017	2170	10/8/2018	1700	10/8/2019	1150	10/8/2020	1240
10/11/2016	2620	10/10/2017	2160	10/9/2018	1740	10/9/2019	1145	10/9/2020	1255
10/12/2016	2600	10/11/2017	2150	10/10/2018	1740	10/10/2019	1080	10/12/2020	1240
10/13/2016	2560	10/12/2017	2170	10/11/2018	1730	10/11/2019	1115	10/13/2020	1255
10/14/2016	2650	10/13/2017	2170	10/12/2018	1775	10/14/2019	1100	10/14/2020	1340
10/17/2016	2580	10/16/2017	2170	10/15/2018	1770	10/15/2019	1130	10/15/2020	1320
10/18/2016	2630	10/17/2017	2130	10/16/2018	1815	10/16/2019	1115	10/16/2020	1300
10/19/2016	2600	10/18/2017	2120	10/17/2018	1865	10/17/2019	1170	10/19/2020	1355
10/20/2016	2600	10/19/2017	2130	10/18/2018	1785	10/18/2019	1240	10/20/2020	1340
10/21/2016	2650	10/20/2017	2120	10/19/2018	1725	10/21/2019	1335	10/21/2020	1365
10/24/2016	2680	10/23/2017	2140	10/22/2018	1690	10/22/2019	1325	10/22/2020	1300
10/25/2016	2700	10/24/2017	2180	10/23/2018	1685	10/23/2019	1310	10/23/2020	1375
10/26/2016	2670	10/25/2017	2150	10/24/2018	1625	10/24/2019	1325	10/26/2020	1435
10/27/2016	2600	10/26/2017	2180	10/25/2018	1620	10/25/2019	1290	10/27/2020	1495
10/28/2016	2630	10/27/2017	2140	10/26/2018	1550	10/28/2019	1265		
10/31/2016	2650	10/30/2017	2140	10/29/2018	1640	10/29/2019	1275		
		10/31/2017	2150	10/30/2018	1620	10/30/2019	1265		
				10/31/2018	1570	10/31/2019	1220		

ANTM									
2016		2017		2018		2019		2020	
Tanggal	P	Tanggal	P	Tanggal	P	Tanggal	P	Tanggal	P
10/3/2016	805	10/2/2017	640	10/1/2018	825	10/1/2019	955	10/1/2020	735
10/4/2016	830	10/3/2017	645	10/2/2018	795	10/2/2019	920	10/2/2020	725
10/5/2016	795	10/4/2017	650	10/3/2018	810	10/3/2019	965	10/5/2020	720
10/6/2016	790	10/5/2017	645	10/4/2018	800	10/4/2019	960	10/6/2020	720
10/7/2016	800	10/6/2017	650	10/5/2018	800	10/7/2019	955	10/7/2020	715
10/10/2016	790	10/9/2017	650	10/8/2018	810	10/8/2019	930	10/8/2020	720
10/11/2016	830	10/10/2017	660	10/9/2018	810	10/9/2019	990	10/9/2020	765
10/12/2016	840	10/11/2017	640	10/10/2018	820	10/10/2019	995	10/12/2020	780
10/13/2016	830	10/12/2017	650	10/11/2018	785	10/11/2019	1015	10/13/2020	765
10/14/2016	825	10/13/2017	645	10/12/2018	795	10/14/2019	1000	10/14/2020	955
10/17/2016	835	10/16/2017	655	10/15/2018	765	10/15/2019	985	10/15/2020	935
10/18/2016	830	10/17/2017	650	10/16/2018	760	10/16/2019	960	10/16/2020	940
10/19/2016	825	10/18/2017	655	10/17/2018	780	10/17/2019	955	10/19/2020	1055
10/20/2016	810	10/19/2017	660	10/18/2018	765	10/18/2019	935	10/20/2020	1035
10/21/2016	820	10/20/2017	660	10/19/2018	765	10/21/2019	925	10/21/2020	1100
10/24/2016	840	10/23/2017	645	10/22/2018	765	10/22/2019	930	10/22/2020	1085
10/25/2016	835	10/24/2017	645	10/23/2018	755	10/23/2019	955	10/23/2020	1085
10/26/2016	840	10/25/2017	645	10/24/2018	740	10/24/2019	975	10/26/2020	1060
10/27/2016	875	10/26/2017	655	10/25/2018	720	10/25/2019	955	10/27/2020	1055
10/28/2016	865	10/27/2017	645	10/26/2018	725	10/28/2019	915		
10/31/2016	895	10/30/2017	645	10/29/2018	705	10/29/2019	925		
		10/31/2017	645	10/30/2018	675	10/30/2019	930		
				10/31/2018	680	10/31/2019	890		

CTRA									
2016		2017		2018		2019		2020	
Tanggal	P	Tanggal	P	Tanggal	P	Tanggal	P	Tanggal	P
10/3/2016	1655	10/2/2017	1185	10/1/2018	880	10/1/2019	1060	10/1/2020	675
10/4/2016	1640	10/3/2017	1190	10/2/2018	835	10/2/2019	1045	10/2/2020	665
10/5/2016	1595	10/4/2017	1200	10/3/2018	825	10/3/2019	1065	10/5/2020	690
10/6/2016	1610	10/5/2017	1185	10/4/2018	785	10/4/2019	1065	10/6/2020	695
10/7/2016	1535	10/6/2017	1165	10/5/2018	770	10/7/2019	1065	10/7/2020	680

10/10/2016	1490	10/9/2017	1170	10/8/2018	800	10/8/2019	1100	10/8/2020	685
10/11/2016	1540	10/10/2017	1190	10/9/2018	810	10/9/2019	1100	10/9/2020	700
10/12/2016	1580	10/11/2017	1170	10/10/2018	800	10/10/2019	1135	10/12/2020	720
10/13/2016	1555	10/12/2017	1170	10/11/2018	820	10/11/2019	1140	10/13/2020	765
10/14/2016	1575	10/13/2017	1160	10/12/2018	805	10/14/2019	1150	10/14/2020	760
10/17/2016	1540	10/16/2017	1165	10/15/2018	810	10/15/2019	1150	10/15/2020	755
10/18/2016	1600	10/17/2017	1170	10/16/2018	805	10/16/2019	1165	10/16/2020	775
10/19/2016	1610	10/18/2017	1175	10/17/2018	830	10/17/2019	1135	10/19/2020	805
10/20/2016	1630	10/19/2017	1175	10/18/2018	855	10/18/2019	1125	10/20/2020	785
10/21/2016	1560	10/20/2017	1215	10/19/2018	870	10/21/2019	1155	10/21/2020	795
10/24/2016	1560	10/23/2017	1205	10/22/2018	845	10/22/2019	1180	10/22/2020	830
10/25/2016	1545	10/24/2017	1215	10/23/2018	810	10/23/2019	1195	10/23/2020	830
10/26/2016	1545	10/25/2017	1215	10/24/2018	800	10/24/2019	1220	10/26/2020	820
10/27/2016	1590	10/26/2017	1220	10/25/2018	820	10/25/2019	1175	10/27/2020	825
10/28/2016	1590	10/27/2017	1195	10/26/2018	800	10/28/2019	1175		
10/31/2016	1580	10/30/2017	1200	10/29/2018	795	10/29/2019	1160		
		10/31/2017	1210	10/30/2018	820	10/30/2019	1160		
				10/31/2018	820	10/31/2019	1110		

EXCL									
2016		2017		2018		2019		2020	
Tanggal	P	Tanggal	P	Tanggal	P	Tanggal	P	Tanggal	P
10/3/2016	2770	10/2/2017	3700	10/1/2018	2800	10/1/2019	3450	10/1/2020	2200
10/4/2016	2660	10/3/2017	3640	10/2/2018	2750	10/2/2019	3450	10/2/2020	2100
10/5/2016	2690	10/4/2017	3680	10/3/2018	2860	10/3/2019	3380	10/5/2020	2090
10/6/2016	2600	10/5/2017	3660	10/4/2018	2790	10/4/2019	3350	10/6/2020	2120
10/7/2016	2640	10/6/2017	3680	10/5/2018	2870	10/7/2019	3350	10/7/2020	2180
10/10/2016	2600	10/9/2017	3640	10/8/2018	2930	10/8/2019	3450	10/8/2020	2200
10/11/2016	2650	10/10/2017	3630	10/9/2018	2880	10/9/2019	3440	10/9/2020	2200
10/12/2016	2610	10/11/2017	3460	10/10/2018	2830	10/10/2019	3490	10/12/2020	2210
10/13/2016	2570	10/12/2017	3530	10/11/2018	2750	10/11/2019	3490	10/13/2020	2190
10/14/2016	2530	10/13/2017	3530	10/12/2018	2770	10/14/2019	3490	10/14/2020	2210
10/17/2016	2470	10/16/2017	3540	10/15/2018	2760	10/15/2019	3530	10/15/2020	2130
10/18/2016	2420	10/17/2017	3530	10/16/2018	2790	10/16/2019	3530	10/16/2020	2130
10/19/2016	2360	10/18/2017	3400	10/17/2018	2830	10/17/2019	3530	10/19/2020	2130
10/20/2016	2490	10/19/2017	3370	10/18/2018	2830	10/18/2019	3540	10/20/2020	2090
10/21/2016	2500	10/20/2017	3400	10/19/2018	2780	10/21/2019	3500	10/21/2020	2050

10/24/2016	2480	10/23/2017	3400	10/22/2018	2870	10/22/2019	3520	10/22/2020	2110
10/25/2016	2420	10/24/2017	3230	10/23/2018	2820	10/23/2019	3480	10/23/2020	2070
10/26/2016	2330	10/25/2017	3400	10/24/2018	2760	10/24/2019	3450	10/26/2020	2040
10/27/2016	2340	10/26/2017	3330	10/25/2018	2740	10/25/2019	3390	10/27/2020	2030
10/28/2016	2290	10/27/2017	3380	10/26/2018	2760	10/28/2019	3460		
10/31/2016	2200	10/30/2017	3310	10/29/2018	2680	10/29/2019	3520		
		10/31/2017	3380	10/30/2018	2630	10/30/2019	3550		
				10/31/2018	2620	10/31/2019	3550		

JSMR									
2016		2017		2018		2019		2020	
Tanggal	P	Tanggal	P	Tanggal	P	Tanggal	P	Tanggal	P
10/3/2016	4659.088	10/2/2017	5675	10/1/2018	4490	10/1/2019	5650	10/1/2020	3630
10/4/2016	4639.135	10/3/2017	5725	10/2/2018	4380	10/2/2019	5575	10/2/2020	3500
10/5/2016	4589.252	10/4/2017	5825	10/3/2018	4390	10/3/2019	5450	10/5/2020	3580
10/6/2016	4669.065	10/5/2017	5750	10/4/2018	4330	10/4/2019	5550	10/6/2020	3720
10/7/2016	4669.065	10/6/2017	5825	10/5/2018	4350	10/7/2019	5600	10/7/2020	3710
10/10/2016	4659.088	10/9/2017	5850	10/8/2018	4270	10/8/2019	5625	10/8/2020	3830
10/11/2016	4659.088	10/10/2017	5925	10/9/2018	4360	10/9/2019	5500	10/9/2020	3780
10/12/2016	4599.229	10/11/2017	6075	10/10/2018	4420	10/10/2019	5275	10/12/2020	3800
10/13/2016	4629.159	10/12/2017	6075	10/11/2018	4310	10/11/2019	5500	10/13/2020	3830
10/14/2016	4629.159	10/13/2017	6075	10/12/2018	4360	10/14/2019	5625	10/14/2020	3790
10/17/2016	4549.345	10/16/2017	6100	10/15/2018	4300	10/15/2019	5700	10/15/2020	3770
10/18/2016	4579.275	10/17/2017	6300	10/16/2018	4380	10/16/2019	5675	10/16/2020	3740
10/19/2016	4509.439	10/18/2017	6100	10/17/2018	4410	10/17/2019	5650	10/19/2020	3690
10/20/2016	4489.486	10/19/2017	6100	10/18/2018	4310	10/18/2019	5575	10/20/2020	3650
10/21/2016	4499.462	10/20/2017	6050	10/19/2018	4330	10/21/2019	5575	10/21/2020	3680
10/24/2016	4599.229	10/23/2017	5950	10/22/2018	4300	10/22/2019	5650	10/22/2020	3640
10/25/2016	4569.299	10/24/2017	6050	10/23/2018	4260	10/23/2019	5700	10/23/2020	3670
10/26/2016	4579.275	10/25/2017	6350	10/24/2018	4100	10/24/2019	5725	10/26/2020	3590
10/27/2016	4599.229	10/26/2017	6425	10/25/2018	4200	10/25/2019	5800	10/27/2020	3560
10/28/2016	4559.322	10/27/2017	6500	10/26/2018	4160	10/28/2019	5800		
10/31/2016	4519.416	10/30/2017	6450	10/29/2018	4180	10/29/2019	5800		
		10/31/2017	6500	10/30/2018	4150	10/30/2019	5600		
				10/31/2018	4150	10/31/2019	5450		

LPKR									
2016		2017		2018		2019		2020	
Tanggal	P	Tanggal	P	Tanggal	P	Tanggal	P	Tanggal	P
10/3/2016	789.5998	10/2/2017	587.2401	10/1/2018	268.2259	10/1/2019	238	10/1/2020	121
10/4/2016	789.5998	10/3/2017	575.3365	10/2/2018	265.0516	10/2/2019	232	10/2/2020	121
10/5/2016	781.6641	10/4/2017	579.3044	10/3/2018	255.5288	10/3/2019	230	10/5/2020	123
10/6/2016	757.8571	10/5/2017	579.3044	10/4/2018	250.7674	10/4/2019	234	10/6/2020	122
10/7/2016	769.7606	10/6/2017	583.2722	10/5/2018	246.006	10/7/2019	230	10/7/2020	131
10/10/2016	761.825	10/9/2017	583.2722	10/8/2018	246.006	10/8/2019	230	10/8/2020	127
10/11/2016	745.9536	10/10/2017	583.2722	10/9/2018	241.2446	10/9/2019	230	10/9/2020	130
10/12/2016	765.7928	10/11/2017	583.2722	10/10/2018	241.2446	10/10/2019	226	10/12/2020	129
10/13/2016	749.9214	10/12/2017	587.2401	10/11/2018	241.2446	10/11/2019	230	10/13/2020	129
10/14/2016	738.0179	10/13/2017	579.3044	10/12/2018	236.4832	10/14/2019	230	10/14/2020	130
10/17/2016	734.0501	10/16/2017	575.3365	10/15/2018	230.1346	10/15/2019	234	10/15/2020	128
10/18/2016	738.0179	10/17/2017	571.3687	10/16/2018	217.4375	10/16/2019	238	10/16/2020	130
10/19/2016	730.0823	10/18/2017	559.4652	10/17/2018	228.5475	10/17/2019	236	10/19/2020	134
10/20/2016	726.1144	10/19/2017	563.433	10/18/2018	217.4375	10/18/2019	238	10/20/2020	130
10/21/2016	714.2109	10/20/2017	575.3365	10/19/2018	219.0247	10/21/2019	236	10/21/2020	130
10/24/2016	718.1787	10/23/2017	563.433	10/22/2018	234.896	10/22/2019	234	10/22/2020	139
10/25/2016	718.1787	10/24/2017	559.4652	10/23/2018	236.4832	10/23/2019	238	10/23/2020	134
10/26/2016	706.2752	10/25/2017	559.4652	10/24/2018	242.8317	10/24/2019	238	10/26/2020	137
10/27/2016	694.3717	10/26/2017	555.4974	10/25/2018	238.0703	10/25/2019	230	10/27/2020	135
10/28/2016	706.2752	10/27/2017	555.4974	10/26/2018	230.1346	10/28/2019	230		
10/31/2016	718.1787	10/30/2017	547.5617	10/29/2018	228.5475	10/29/2019	234		
		10/31/2017	547.5617	10/30/2018	230.1346	10/30/2019	236		
				10/31/2018	222.1989	10/31/2019	236		

PWON									
2016		2017		2018		2019		2020	
Tanggal	P	Tanggal	P	Tanggal	P	Tanggal	P	Tanggal	P
10/3/2016	690	10/2/2017	615	10/1/2018	505	10/1/2019	635	10/1/2020	354
10/4/2016	690	10/3/2017	615	10/2/2018	505	10/2/2019	615	10/2/2020	346
10/5/2016	665	10/4/2017	620	10/3/2018	510	10/3/2019	605	10/5/2020	344
10/6/2016	670	10/5/2017	620	10/4/2018	494	10/4/2019	600	10/6/2020	352
10/7/2016	665	10/6/2017	620	10/5/2018	486	10/7/2019	580	10/7/2020	354
10/10/2016	650	10/9/2017	610	10/8/2018	472	10/8/2019	610	10/8/2020	370

10/11/2016	665	10/10/2017	620	10/9/2018	464	10/9/2019	600	10/9/2020	382
10/12/2016	685	10/11/2017	610	10/10/2018	468	10/10/2019	640	10/12/2020	396
10/13/2016	690	10/12/2017	595	10/11/2018	440	10/11/2019	630	10/13/2020	400
10/14/2016	700	10/13/2017	600	10/12/2018	440	10/14/2019	635	10/14/2020	400
10/17/2016	690	10/16/2017	635	10/15/2018	438	10/15/2019	615	10/15/2020	394
10/18/2016	710	10/17/2017	625	10/16/2018	450	10/16/2019	620	10/16/2020	392
10/19/2016	715	10/18/2017	630	10/17/2018	474	10/17/2019	620	10/19/2020	406
10/20/2016	710	10/19/2017	615	10/18/2018	484	10/18/2019	610	10/20/2020	402
10/21/2016	720	10/20/2017	620	10/19/2018	488	10/21/2019	610	10/21/2020	400
10/24/2016	740	10/23/2017	635	10/22/2018	496	10/22/2019	610	10/22/2020	404
10/25/2016	735	10/24/2017	630	10/23/2018	488	10/23/2019	615	10/23/2020	416
10/26/2016	745	10/25/2017	660	10/24/2018	484	10/24/2019	635	10/26/2020	416
10/27/2016	750	10/26/2017	640	10/25/2018	480	10/25/2019	610	10/27/2020	414
10/28/2016	725	10/27/2017	635	10/26/2018	478	10/28/2019	600		
10/31/2016	720	10/30/2017	620	10/29/2018	478	10/29/2019	625		
		10/31/2017	630	10/30/2018	462	10/30/2019	630		
				10/31/2018	478	10/31/2019	625		

SMRA									
2016		2017		2018		2019		2020	
Tanggal	P	Tanggal	P	Tanggal	P	Tanggal	P	Tanggal	P
10/3/2016	1785	10/2/2017	1100	10/1/2018	630	10/1/2019	1130	10/1/2020	547.4679
10/4/2016	1790	10/3/2017	1130	10/2/2018	610	10/2/2019	1110	10/2/2020	532.9334
10/5/2016	1785	10/4/2017	1155	10/3/2018	600	10/3/2019	1145	10/5/2020	537.7782
10/6/2016	1745	10/5/2017	1135	10/4/2018	575	10/4/2019	1145	10/6/2020	547.4679
10/7/2016	1760	10/6/2017	1135	10/5/2018	555	10/7/2019	1145	10/7/2020	547.4679
10/10/2016	1740	10/9/2017	1120	10/8/2018	575	10/8/2019	1140	10/8/2020	571.6921
10/11/2016	1785	10/10/2017	1075	10/9/2018	595	10/9/2019	1140	10/9/2020	571.6921
10/12/2016	1770	10/11/2017	1035	10/10/2018	610	10/10/2019	1140	10/12/2020	605.6061
10/13/2016	1755	10/12/2017	1025	10/11/2018	595	10/11/2019	1145	10/13/2020	605.6061
10/14/2016	1780	10/13/2017	1010	10/12/2018	595	10/14/2019	1165	10/14/2020	629.8303
10/17/2016	1750	10/16/2017	1035	10/15/2018	590	10/15/2019	1175	10/15/2020	600.7612
10/18/2016	1755	10/17/2017	1025	10/16/2018	570	10/16/2019	1200	10/16/2020	629.8303
10/19/2016	1745	10/18/2017	1010	10/17/2018	600	10/17/2019	1180	10/19/2020	644.3649
10/20/2016	1745	10/19/2017	1025	10/18/2018	610	10/18/2019	1185	10/20/2020	624.9855
10/21/2016	1680	10/20/2017	1060	10/19/2018	610	10/21/2019	1200	10/21/2020	605.6061
10/24/2016	1700	10/23/2017	1045	10/22/2018	605	10/22/2019	1220	10/22/2020	629.8303

10/25/2016	1700	10/24/2017	1030	10/23/2018	615	10/23/2019	1235	10/23/2020	634.6752
10/26/2016	1695	10/25/2017	1015	10/24/2018	590	10/24/2019	1235	10/26/2020	634.6752
10/27/2016	1720	10/26/2017	1025	10/25/2018	615	10/25/2019	1190	10/27/2020	639.52
10/28/2016	1695	10/27/2017	1005	10/26/2018	605	10/28/2019	1185		
10/31/2016	1650	10/30/2017	1010	10/29/2018	600	10/29/2019	1190		
		10/31/2017	1035	10/30/2018	590	10/30/2019	1180		
				10/31/2018	600	10/31/2019	1130		

WSKT									
2016		2017		2018		2019		2020	
Tanggal	P	Tanggal	P	Tanggal	P	Tanggal	P	Tanggal	P
10/3/2016	2690	10/2/2017	1810	10/1/2018	1800	10/1/2019	1625	10/1/2020	510
10/4/2016	2690	10/3/2017	1870	10/2/2018	1735	10/2/2019	1540	10/2/2020	500
10/5/2016	2610	10/4/2017	1860	10/3/2018	1715	10/3/2019	1575	10/5/2020	515
10/6/2016	2620	10/5/2017	1800	10/4/2018	1660	10/4/2019	1545	10/6/2020	540
10/7/2016	2620	10/6/2017	1790	10/5/2018	1645	10/7/2019	1495	10/7/2020	540
10/10/2016	2630	10/9/2017	1800	10/8/2018	1640	10/8/2019	1505	10/8/2020	545
10/11/2016	2640	10/10/2017	1800	10/9/2018	1640	10/9/2019	1505	10/9/2020	585
10/12/2016	2670	10/11/2017	1815	10/10/2018	1645	10/10/2019	1485	10/12/2020	650
10/13/2016	2670	10/12/2017	1830	10/11/2018	1575	10/11/2019	1530	10/13/2020	705
10/14/2016	2620	10/13/2017	1865	10/12/2018	1615	10/14/2019	1545	10/14/2020	715
10/17/2016	2620	10/16/2017	2040	10/15/2018	1570	10/15/2019	1570	10/15/2020	690
10/18/2016	2640	10/17/2017	2010	10/16/2018	1580	10/16/2019	1575	10/16/2020	715
10/19/2016	2610	10/18/2017	1980	10/17/2018	1575	10/17/2019	1575	10/19/2020	730
10/20/2016	2590	10/19/2017	2100	10/18/2018	1550	10/18/2019	1625	10/20/2020	715
10/21/2016	2610	10/20/2017	2160	10/19/2018	1540	10/21/2019	1625	10/21/2020	770
10/24/2016	2590	10/23/2017	2160	10/22/2018	1600	10/22/2019	1630	10/22/2020	765
10/25/2016	2590	10/24/2017	2130	10/23/2018	1555	10/23/2019	1650	10/23/2020	750
10/26/2016	2580	10/25/2017	2220	10/24/2018	1540	10/24/2019	1670	10/26/2020	755
10/27/2016	2590	10/26/2017	2250	10/25/2018	1505	10/25/2019	1655	10/27/2020	740
10/28/2016	2620	10/27/2017	2200	10/26/2018	1470	10/28/2019	1625		
10/31/2016	2620	10/30/2017	2150	10/29/2018	1430	10/29/2019	1620		
		10/31/2017	2120	10/30/2018	1440	10/30/2019	1620		
				10/31/2018	1440	10/31/2019	1555		

TPIA									
2016		2017		2018		2019		2020	
Tanggal	P	Tanggal	P	Tanggal	P	Tanggal	P	Tanggal	P
10/3/2016	2768.234	10/2/2017	4770	10/1/2018	4760	10/1/2019	8300	10/1/2020	7275
10/4/2016	2778.051	10/3/2017	4800	10/2/2018	4670	10/2/2019	8300	10/2/2020	7550
10/5/2016	2782.959	10/4/2017	4760	10/3/2018	4630	10/3/2019	8425	10/5/2020	7725
10/6/2016	2807.5	10/5/2017	4710	10/4/2018	4530	10/4/2019	8300	10/6/2020	7800
10/7/2016	2836.949	10/6/2017	4710	10/5/2018	4530	10/7/2019	8000	10/7/2020	7800
10/10/2016	2944.93	10/9/2017	4740	10/8/2018	4560	10/8/2019	8150	10/8/2020	7850
10/11/2016	2998.92	10/10/2017	4700	10/9/2018	4570	10/9/2019	8350	10/9/2020	7775
10/12/2016	3023.461	10/11/2017	4665	10/10/2018	4560	10/10/2019	8500	10/12/2020	7850
10/13/2016	3087.268	10/12/2017	4665	10/11/2018	4570	10/11/2019	8825	10/13/2020	7850
10/14/2016	3141.259	10/13/2017	4715	10/12/2018	4540	10/14/2019	9000	10/14/2020	7825
10/17/2016	3219.79	10/16/2017	4795	10/15/2018	4550	10/15/2019	9125	10/15/2020	7800
10/18/2016	3357.22	10/17/2017	4850	10/16/2018	4530	10/16/2019	9200	10/16/2020	7700
10/19/2016	3455.384	10/18/2017	4870	10/17/2018	4520	10/17/2019	9325	10/19/2020	7700
10/20/2016	3337.587	10/19/2017	5115	10/18/2018	4510	10/18/2019	9450	10/20/2020	7725
10/21/2016	3239.423	10/20/2017	5180	10/19/2018	4470	10/21/2019	9450	10/21/2020	7700
10/24/2016	3239.423	10/23/2017	5260	10/22/2018	4450	10/22/2019	9475	10/22/2020	7800
10/25/2016	3268.872	10/24/2017	5295	10/23/2018	4470	10/23/2019	9550	10/23/2020	7900
10/26/2016	3617.355	10/25/2017	5325	10/24/2018	4610	10/24/2019	9550	10/26/2020	8000
10/27/2016	3617.355	10/26/2017	5315	10/25/2018	4710	10/25/2019	9300	10/27/2020	8000
10/28/2016	3553.549	10/27/2017	5345	10/26/2018	4790	10/28/2019	9275		
10/31/2016	3504.467	10/30/2017	5310	10/29/2018	4800	10/29/2019	9275		
		10/31/2017	5680	10/30/2018	4830	10/30/2019	9300		
				10/31/2018	4810	10/31/2019	9500		

BRPT									
2016		2017		2018		2019		2020	
Tanggal	P	Tanggal	P	Tanggal	P	Tanggal	P	Tanggal	P
10/3/2016	97.5	10/2/2017	400	10/1/2018	365	10/1/2019	975	10/1/2020	830
10/4/2016	96	10/3/2017	394	10/2/2018	349	10/2/2019	1005	10/2/2020	845
10/5/2016	93.5	10/4/2017	400	10/3/2018	341	10/3/2019	980	10/5/2020	860
10/6/2016	92.5	10/5/2017	395	10/4/2018	324	10/4/2019	995	10/6/2020	875
10/7/2016	93.5	10/6/2017	393	10/5/2018	325	10/7/2019	965	10/7/2020	855
10/10/2016	95	10/9/2017	389	10/8/2018	325	10/8/2019	935	10/8/2020	860
10/11/2016	96	10/10/2017	378	10/9/2018	344	10/9/2019	890	10/9/2020	850



10/12/2016	100.5	10/11/2017	368	10/10/2018	351	10/10/2019	875	10/12/2020	840
10/13/2016	99	10/12/2017	392	10/11/2018	360	10/11/2019	935	10/13/2020	875
10/14/2016	98.5	10/13/2017	389	10/12/2018	360	10/14/2019	915	10/14/2020	910
10/17/2016	105.5	10/16/2017	393	10/15/2018	352	10/15/2019	940	10/15/2020	915
10/18/2016	113.5	10/17/2017	381	10/16/2018	356	10/16/2019	950	10/16/2020	910
10/19/2016	129.5	10/18/2017	386	10/17/2018	358	10/17/2019	940	10/19/2020	900
10/20/2016	124.5	10/19/2017	380	10/18/2018	358	10/18/2019	925	10/20/2020	900
10/21/2016	126.5	10/20/2017	389	10/19/2018	364	10/21/2019	935	10/21/2020	885
10/24/2016	128.5	10/23/2017	399	10/22/2018	365	10/22/2019	1005	10/22/2020	945
10/25/2016	126.5	10/24/2017	397	10/23/2018	366	10/23/2019	1005	10/23/2020	925
10/26/2016	135.5	10/25/2017	396	10/24/2018	364	10/24/2019	1020	10/26/2020	930
10/27/2016	145.5	10/26/2017	396	10/25/2018	364	10/25/2019	1010	10/27/2020	900
10/28/2016	142.5	10/27/2017	399	10/26/2018	358	10/28/2019	990		
10/31/2016	142	10/30/2017	408	10/29/2018	356	10/29/2019	990		
		10/31/2017	404	10/30/2018	374	10/30/2019	970		
				10/31/2018	375	10/31/2019	950		

Lampiran 30. Daftar harga saham 29 emiten pada bulan November 2016 – 2020

ADRO									
2016		2017		2018		2019		2020	
Tanggal	P	Tanggal	P	Tanggal	P	Tanggal	P	Tanggal	P
11/1/2016	1640	11/1/2017	1910	11/1/2018	1645	11/1/2019	1270	11/2/2020	1130
11/2/2016	1720	11/2/2017	1900	11/2/2018	1585	11/4/2019	1280	11/3/2020	1145
11/3/2016	1640	11/3/2017	1895	11/5/2018	1575	11/5/2019	1370	11/4/2020	1110
11/4/2016	1670	11/6/2017	1900	11/6/2018	1630	11/6/2019	1390	11/5/2020	1140
11/7/2016	1685	11/7/2017	1900	11/7/2018	1595	11/7/2019	1385	11/6/2020	1140
11/8/2016	1630	11/8/2017	1820	11/8/2018	1610	11/8/2019	1415	11/9/2020	1130
11/9/2016	1570	11/9/2017	1830	11/9/2018	1580	11/11/2019	1415	11/10/2020	1140
11/10/2016	1650	11/10/2017	1815	11/12/2018	1510	11/12/2019	1425	11/11/2020	1205
11/11/2016	1660	11/13/2017	1820	11/13/2018	1515	11/13/2019	1335	11/12/2020	1175
11/14/2016	1605	11/14/2017	1815	11/14/2018	1565	11/14/2019	1300	11/13/2020	1165
11/15/2016	1465	11/15/2017	1735	11/15/2018	1555	11/15/2019	1340	11/16/2020	1195
11/16/2016	1535	11/16/2017	1755	11/16/2018	1545	11/18/2019	1330	11/17/2020	1180
11/17/2016	1515	11/17/2017	1770	11/19/2018	1485	11/19/2019	1320	11/18/2020	1190
11/18/2016	1500	11/20/2017	1755	11/20/2018	1485	11/20/2019	1335	11/19/2020	1240
11/21/2016	1530	11/21/2017	1715	11/21/2018	1310	11/21/2019	1310	11/20/2020	1215

11/22/2016	1620	11/22/2017	1745	11/22/2018	1285	11/22/2019	1320	11/23/2020	1290
11/23/2016	1630	11/23/2017	1725	11/23/2018	1295	11/25/2019	1310	11/24/2020	1300
11/24/2016	1645	11/24/2017	1710	11/26/2018	1275	11/26/2019	1315	11/25/2020	1300
11/25/2016	1640	11/27/2017	1695	11/27/2018	1220	11/27/2019	1295	11/26/2020	1360
11/28/2016	1680	11/28/2017	1715	11/28/2018	1255	11/28/2019	1245	11/27/2020	1390
11/29/2016	1630	11/29/2017	1775	11/29/2018	1280	11/29/2019	1230	11/30/2020	1390
11/30/2016	1530	11/30/2017	1700	11/30/2018	1285				

AKRA									
2016		2017		2018		2019		2020	
Tanggal	P	Tanggal	P	Tanggal	P	Tanggal	P	Tanggal	P
11/1/2016	6875	11/1/2017	7275	11/1/2018	3500	11/1/2019	3900	11/2/2020	2610
11/2/2016	6800	11/2/2017	7575	11/2/2018	3520	11/4/2019	3890	11/3/2020	2590
11/3/2016	6500	11/3/2017	7575	11/5/2018	3530	11/5/2019	3860	11/4/2020	2570
11/4/2016	6750	11/6/2017	7650	11/6/2018	3460	11/6/2019	3870	11/5/2020	2600
11/7/2016	6725	11/7/2017	7600	11/7/2018	3450	11/7/2019	3870	11/6/2020	2720
11/8/2016	7000	11/8/2017	7500	11/8/2018	3440	11/8/2019	3780	11/9/2020	2710
11/9/2016	6950	11/9/2017	7325	11/9/2018	3430	11/11/2019	3740	11/10/2020	2840
11/10/2016	6925	11/10/2017	7300	11/12/2018	3340	11/12/2019	3800	11/11/2020	2860
11/11/2016	6525	11/13/2017	7250	11/13/2018	3400	11/13/2019	3750	11/12/2020	2820
11/14/2016	6525	11/14/2017	7175	11/14/2018	3510	11/14/2019	3700	11/13/2020	2820
11/15/2016	6525	11/15/2017	6925	11/15/2018	3650	11/15/2019	3680	11/16/2020	2850
11/16/2016	6850	11/16/2017	7025	11/16/2018	3760	11/18/2019	3640	11/17/2020	2850
11/17/2016	6900	11/17/2017	6925	11/19/2018	3760	11/19/2019	3680	11/18/2020	2810
11/18/2016	6975	11/20/2017	6675	11/20/2018	3760	11/20/2019	3700	11/19/2020	2910
11/21/2016	6925	11/21/2017	6725	11/21/2018	3800	11/21/2019	3540	11/20/2020	2950
11/22/2016	6700	11/22/2017	6625	11/22/2018	3990	11/22/2019	3370	11/23/2020	2940
11/23/2016	6625	11/23/2017	6800	11/23/2018	3980	11/25/2019	3310	11/24/2020	2930
11/24/2016	6450	11/24/2017	6700	11/26/2018	3930	11/26/2019	3330	11/25/2020	2900
11/25/2016	6650	11/27/2017	6600	11/27/2018	3900	11/27/2019	3300	11/26/2020	2900
11/28/2016	6450	11/28/2017	6400	11/28/2018	3900	11/28/2019	3250	11/27/2020	2900
11/29/2016	6500	11/29/2017	6425	11/29/2018	3970	11/29/2019	3400	11/30/2020	2910
11/30/2016	6675	11/30/2017	6350	11/30/2018	3900				

ASII
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2016		2017		2018		2019		2020	
Tanggal	P	Tanggal	P	Tanggal	P	Tanggal	P	Tanggal	P
11/1/2016	8325	11/1/2017	8075	11/1/2018	8050	11/1/2019	6800	11/2/2020	5400
11/2/2016	8325	11/2/2017	8150	11/2/2018	8175	11/4/2019	6700	11/3/2020	5500
11/3/2016	8125	11/3/2017	8100	11/5/2018	8250	11/5/2019	6900	11/4/2020	5400
11/4/2016	8125	11/6/2017	8075	11/6/2018	8100	11/6/2019	6850	11/5/2020	5500
11/7/2016	8225	11/7/2017	8200	11/7/2018	8225	11/7/2019	6725	11/6/2020	5825
11/8/2016	8375	11/8/2017	8300	11/8/2018	8200	11/8/2019	6625	11/9/2020	5600
11/9/2016	8250	11/9/2017	8275	11/9/2018	8175	11/11/2019	6650	11/10/2020	5750
11/10/2016	8300	11/10/2017	8350	11/12/2018	7875	11/12/2019	6775	11/11/2020	6000
11/11/2016	7700	11/13/2017	8350	11/13/2018	8000	11/13/2019	6725	11/12/2020	6000
11/14/2016	7625	11/14/2017	8300	11/14/2018	8175	11/14/2019	6575	11/13/2020	5900
11/15/2016	7625	11/15/2017	8175	11/15/2018	8525	11/15/2019	6525	11/16/2020	5925
11/16/2016	7825	11/16/2017	8250	11/16/2018	8550	11/18/2019	6600	11/17/2020	5800
11/17/2016	7850	11/17/2017	8200	11/19/2018	8500	11/19/2019	6650	11/18/2020	5775
11/18/2016	7850	11/20/2017	8200	11/20/2018	8500	11/20/2019	6625	11/19/2020	5725
11/21/2016	7900	11/21/2017	8125	11/21/2018	8450	11/21/2019	6600	11/20/2020	5725
11/22/2016	7750	11/22/2017	8450	11/22/2018	8450	11/22/2019	6625	11/23/2020	5800
11/23/2016	7775	11/23/2017	8475	11/23/2018	8400	11/25/2019	6500	11/24/2020	5800
11/24/2016	7525	11/24/2017	8550	11/26/2018	8325	11/26/2019	6350	11/25/2020	5550
11/25/2016	7625	11/27/2017	8525	11/27/2018	8400	11/27/2019	6425	11/26/2020	5650
11/28/2016	7825	11/28/2017	8375	11/28/2018	8400	11/28/2019	6400	11/27/2020	5550
11/29/2016	7700	11/29/2017	8350	11/29/2018	8475	11/29/2019	6500	11/30/2020	5300
11/30/2016	7550	11/30/2017	7975	11/30/2018	8550				

ICBP									
2016		2017		2018		2019		2020	
Tanggal	P	Tanggal	P	Tanggal	P	Tanggal	P	Tanggal	P
11/1/2016	9200	11/1/2017	8850	11/1/2018	8925	11/1/2019	11625	11/2/2020	9750
11/2/2016	9150	11/2/2017	8625	11/2/2018	8925	11/4/2019	11350	11/3/2020	9725
11/3/2016	8800	11/3/2017	8850	11/5/2018	8975	11/5/2019	11200	11/4/2020	9775
11/4/2016	9100	11/6/2017	8750	11/6/2018	8900	11/6/2019	11225	11/5/2020	9900
11/7/2016	9275	11/7/2017	8575	11/7/2018	8725	11/7/2019	10800	11/6/2020	9875
11/8/2016	9575	11/8/2017	8500	11/8/2018	8750	11/8/2019	11275	11/9/2020	9750
11/9/2016	9450	11/9/2017	8500	11/9/2018	8575	11/11/2019	11400	11/10/2020	9675
11/10/2016	9425	11/10/2017	8525	11/12/2018	8425	11/12/2019	11400	11/11/2020	9600

11/11/2016	8775	11/13/2017	8550	11/13/2018	8550	11/13/2019	11475	11/12/2020	9775
11/14/2016	8550	11/14/2017	8550	11/14/2018	8700	11/14/2019	11400	11/13/2020	9700
11/15/2016	8650	11/15/2017	8575	11/15/2018	8725	11/15/2019	11400	11/16/2020	9750
11/16/2016	8825	11/16/2017	8750	11/16/2018	8775	11/18/2019	11400	11/17/2020	10250
11/17/2016	9100	11/17/2017	8950	11/19/2018	8775	11/19/2019	11425	11/18/2020	10275
11/18/2016	9100	11/20/2017	8925	11/20/2018	8775	11/20/2019	11425	11/19/2020	10350
11/21/2016	8775	11/21/2017	8900	11/21/2018	8850	11/21/2019	11400	11/20/2020	10100
11/22/2016	8725	11/22/2017	8825	11/22/2018	8950	11/22/2019	11425	11/23/2020	10200
11/23/2016	8775	11/23/2017	8725	11/23/2018	8925	11/25/2019	11400	11/24/2020	10125
11/24/2016	8550	11/24/2017	8550	11/26/2018	8900	11/26/2019	11375	11/25/2020	10000
11/25/2016	8275	11/27/2017	8675	11/27/2018	8950	11/27/2019	11375	11/26/2020	10125
11/28/2016	8350	11/28/2017	8675	11/28/2018	9000	11/28/2019	11325	11/27/2020	10600
11/29/2016	8425	11/29/2017	8775	11/29/2018	9700	11/29/2019	11325	11/30/2020	9900
11/30/2016	8650	11/30/2017	8450	11/30/2018	9850				

INCO									
2016		2017		2018		2019		2020	
Tanggal	P	Tanggal	P	Tanggal	P	Tanggal	P	Tanggal	P
11/1/2016	2680	11/1/2017	3020	11/1/2018	3060	11/1/2019	3610	11/2/2020	4270
11/2/2016	2670	11/2/2017	3050	11/2/2018	3240	11/4/2019	3600	11/3/2020	4230
11/3/2016	2590	11/3/2017	3080	11/5/2018	3160	11/5/2019	3640	11/4/2020	4090
11/4/2016	2640	11/6/2017	3170	11/6/2018	3160	11/6/2019	3610	11/5/2020	4270
11/7/2016	2850	11/7/2017	3290	11/7/2018	3210	11/7/2019	3650	11/6/2020	4270
11/8/2016	3000	11/8/2017	3210	11/8/2018	3290	11/8/2019	3560	11/9/2020	4550
11/9/2016	3020	11/9/2017	3180	11/9/2018	3300	11/11/2019	3440	11/10/2020	4520
11/10/2016	3300	11/10/2017	3120	11/12/2018	3250	11/12/2019	3400	11/11/2020	4470
11/11/2016	3500	11/13/2017	3130	11/13/2018	3250	11/13/2019	3440	11/12/2020	4410
11/14/2016	3300	11/14/2017	3150	11/14/2018	3100	11/14/2019	3360	11/13/2020	4380
11/15/2016	3090	11/15/2017	3040	11/15/2018	3150	11/15/2019	3360	11/16/2020	4500
11/16/2016	3250	11/16/2017	3010	11/16/2018	3280	11/18/2019	3290	11/17/2020	4580
11/17/2016	3200	11/17/2017	2970	11/19/2018	3140	11/19/2019	3300	11/18/2020	4670
11/18/2016	3110	11/20/2017	2900	11/20/2018	3140	11/20/2019	3230	11/19/2020	4690
11/21/2016	3100	11/21/2017	2920	11/21/2018	2950	11/21/2019	3330	11/20/2020	4560
11/22/2016	3210	11/22/2017	2950	11/22/2018	2880	11/22/2019	3300	11/23/2020	4660
11/23/2016	3370	11/23/2017	2900	11/23/2018	2890	11/25/2019	3290	11/24/2020	4620
11/24/2016	3400	11/24/2017	2940	11/26/2018	2820	11/26/2019	3240	11/25/2020	4600
11/25/2016	3370	11/27/2017	2900	11/27/2018	2750	11/27/2019	3160	11/26/2020	4630

11/28/2016	3500	11/28/2017	2780	11/28/2018	2760	11/28/2019	3010	11/27/2020	4680
11/29/2016	3500	11/29/2017	2780	11/29/2018	2980	11/29/2019	3000	11/30/2020	4610
11/30/2016	3380	11/30/2017	2760	11/30/2018	3030				

INDF									
2016		2017		2018		2019		2020	
Tanggal	P	Tanggal	P	Tanggal	P	Tanggal	P	Tanggal	P
11/1/2016	8500	11/1/2017	8200	11/1/2018	5925	11/1/2019	7750	11/2/2020	7025
11/2/2016	8450	11/2/2017	8100	11/2/2018	6025	11/4/2019	7800	11/3/2020	7000
11/3/2016	8200	11/3/2017	8225	11/5/2018	5975	11/5/2019	8000	11/4/2020	6950
11/4/2016	8175	11/6/2017	8200	11/6/2018	5825	11/6/2019	7875	11/5/2020	7125
11/7/2016	8150	11/7/2017	8125	11/7/2018	5725	11/7/2019	7750	11/6/2020	7175
11/8/2016	8375	11/8/2017	8075	11/8/2018	5975	11/8/2019	7750	11/9/2020	7200
11/9/2016	8200	11/9/2017	7950	11/9/2018	5775	11/11/2019	7925	11/10/2020	7150
11/10/2016	8300	11/10/2017	8025	11/12/2018	5575	11/12/2019	7825	11/11/2020	7050
11/11/2016	7675	11/13/2017	7950	11/13/2018	5600	11/13/2019	7775	11/12/2020	7175
11/14/2016	7600	11/14/2017	7950	11/14/2018	5650	11/14/2019	7700	11/13/2020	7100
11/15/2016	7600	11/15/2017	7875	11/15/2018	5875	11/15/2019	7875	11/16/2020	7150
11/16/2016	7700	11/16/2017	7750	11/16/2018	5950	11/18/2019	7975	11/17/2020	7275
11/17/2016	7825	11/17/2017	7800	11/19/2018	5950	11/19/2019	7950	11/18/2020	7350
11/18/2016	7775	11/20/2017	7800	11/20/2018	5950	11/20/2019	8000	11/19/2020	7275
11/21/2016	7800	11/21/2017	7725	11/21/2018	6000	11/21/2019	7950	11/20/2020	7225
11/22/2016	7700	11/22/2017	7725	11/22/2018	6250	11/22/2019	7925	11/23/2020	7275
11/23/2016	7700	11/23/2017	7800	11/23/2018	6250	11/25/2019	7950	11/24/2020	7250
11/24/2016	7450	11/24/2017	7700	11/26/2018	6275	11/26/2019	7950	11/25/2020	7150
11/25/2016	7425	11/27/2017	7825	11/27/2018	6225	11/27/2019	7950	11/26/2020	7225
11/28/2016	7325	11/28/2017	7700	11/28/2018	6050	11/28/2019	7925	11/27/2020	7300
11/29/2016	7525	11/29/2017	7600	11/29/2018	6400	11/29/2019	7950	11/30/2020	7100
11/30/2016	7575	11/30/2017	7325	11/30/2018	6600				

KLBF									
2016		2017		2018		2019		2020	
Tanggal	P	Tanggal	P	Tanggal	P	Tanggal	P	Tanggal	P
11/1/2016	1735	11/1/2017	1600	11/1/2018	1340	11/1/2019	1625	11/2/2020	1495
11/2/2016	1720	11/2/2017	1590	11/2/2018	1360	11/4/2019	1550	11/3/2020	1475

11/3/2016	1725	11/3/2017	1610	11/5/2018	1340	11/5/2019	1610	11/4/2020	1455
11/4/2016	1725	11/6/2017	1610	11/6/2018	1335	11/6/2019	1600	11/5/2020	1500
11/7/2016	1690	11/7/2017	1620	11/7/2018	1390	11/7/2019	1585	11/6/2020	1515
11/8/2016	1710	11/8/2017	1600	11/8/2018	1405	11/8/2019	1585	11/9/2020	1480
11/9/2016	1710	11/9/2017	1600	11/9/2018	1420	11/11/2019	1555	11/10/2020	1495
11/10/2016	1670	11/10/2017	1600	11/12/2018	1335	11/12/2019	1550	11/11/2020	1470
11/11/2016	1535	11/13/2017	1600	11/13/2018	1450	11/13/2019	1520	11/12/2020	1485
11/14/2016	1495	11/14/2017	1600	11/14/2018	1485	11/14/2019	1510	11/13/2020	1495
11/15/2016	1475	11/15/2017	1595	11/15/2018	1515	11/15/2019	1510	11/16/2020	1490
11/16/2016	1475	11/16/2017	1600	11/16/2018	1535	11/18/2019	1510	11/17/2020	1500
11/17/2016	1480	11/17/2017	1620	11/19/2018	1540	11/19/2019	1520	11/18/2020	1505
11/18/2016	1465	11/20/2017	1630	11/20/2018	1540	11/20/2019	1525	11/19/2020	1495
11/21/2016	1460	11/21/2017	1650	11/21/2018	1560	11/21/2019	1525	11/20/2020	1495
11/22/2016	1460	11/22/2017	1640	11/22/2018	1590	11/22/2019	1515	11/23/2020	1495
11/23/2016	1500	11/23/2017	1635	11/23/2018	1565	11/25/2019	1515	11/24/2020	1485
11/24/2016	1445	11/24/2017	1655	11/26/2018	1610	11/26/2019	1530	11/25/2020	1470
11/25/2016	1410	11/27/2017	1675	11/27/2018	1570	11/27/2019	1515	11/26/2020	1490
11/28/2016	1400	11/28/2017	1640	11/28/2018	1575	11/28/2019	1485	11/27/2020	1480
11/29/2016	1460	11/29/2017	1635	11/29/2018	1535	11/29/2019	1525	11/30/2020	1505
11/30/2016	1500	11/30/2017	1600	11/30/2018	1525				

PTBA									
2016		2017		2018		2019		2020	
Tanggal	P	Tanggal	P	Tanggal	P	Tanggal	P	Tanggal	P
11/1/2016	2535	11/1/2017	2335	11/1/2018	4230	11/1/2019	2190	11/2/2020	1940
11/2/2016	2535	11/2/2017	2315	11/2/2018	4200	11/4/2019	2300	11/3/2020	1950
11/3/2016	2360	11/3/2017	2310	11/5/2018	4390	11/5/2019	2430	11/4/2020	1935
11/4/2016	2495	11/6/2017	2280	11/6/2018	4450	11/6/2019	2460	11/5/2020	1970
11/7/2016	2610	11/7/2017	2410	11/7/2018	4470	11/7/2019	2390	11/6/2020	1990
11/8/2016	2575	11/8/2017	2350	11/8/2018	4470	11/8/2019	2580	11/9/2020	2010
11/9/2016	2575	11/9/2017	2360	11/9/2018	4330	11/11/2019	2600	11/10/2020	2020
11/10/2016	2680	11/10/2017	2375	11/12/2018	4420	11/12/2019	2620	11/11/2020	2070
11/11/2016	2720	11/13/2017	2400	11/13/2018	4650	11/13/2019	2550	11/12/2020	2040
11/14/2016	2565	11/14/2017	2360	11/14/2018	4880	11/14/2019	2460	11/13/2020	2040
11/15/2016	2295	11/15/2017	2245	11/15/2018	4700	11/15/2019	2510	11/16/2020	2130
11/16/2016	2505	11/16/2017	2225	11/16/2018	4740	11/18/2019	2510	11/17/2020	2110
11/17/2016	2385	11/17/2017	2240	11/19/2018	4660	11/19/2019	2480	11/18/2020	2110

11/18/2016	2225	11/20/2017	2235	11/20/2018	4660	11/20/2019	2450	11/19/2020	2230
11/21/2016	2225	11/21/2017	2155	11/21/2018	4350	11/21/2019	2380	11/20/2020	2190
11/22/2016	2310	11/22/2017	2210	11/22/2018	4220	11/22/2019	2430	11/23/2020	2280
11/23/2016	2380	11/23/2017	2180	11/23/2018	4310	11/25/2019	2500	11/24/2020	2280
11/24/2016	2285	11/24/2017	2160	11/26/2018	3940	11/26/2019	2630	11/25/2020	2280
11/25/2016	2360	11/27/2017	2180	11/27/2018	3870	11/27/2019	2580	11/26/2020	2360
11/28/2016	2310	11/28/2017	2170	11/28/2018	3990	11/28/2019	2470	11/27/2020	2410
11/29/2016	2310	11/29/2017	2250	11/29/2018	4140	11/29/2019	2420	11/30/2020	2360
11/30/2016	2360	11/30/2017	2250	11/30/2018	4020				

SMGR									
2016		2017		2018		2019		2020	
Tanggal	P	Tanggal	P	Tanggal	P	Tanggal	P	Tanggal	P
11/1/2016	9500	11/1/2017	10500	11/1/2018	9250	11/1/2019	12800	11/2/2020	9125
11/2/2016	9450	11/2/2017	10425	11/2/2018	9725	11/4/2019	12700	11/3/2020	8925
11/3/2016	9275	11/3/2017	10375	11/5/2018	9700	11/5/2019	12475	11/4/2020	9125
11/4/2016	9275	11/6/2017	10300	11/6/2018	9750	11/6/2019	12650	11/5/2020	9950
11/7/2016	9300	11/7/2017	10325	11/7/2018	9725	11/7/2019	12800	11/6/2020	10350
11/8/2016	9400	11/8/2017	10500	11/8/2018	9825	11/8/2019	12825	11/9/2020	10225
11/9/2016	9225	11/9/2017	10100	11/9/2018	9725	11/11/2019	12700	11/10/2020	10600
11/10/2016	9275	11/10/2017	10000	11/12/2018	9150	11/12/2019	12650	11/11/2020	11200
11/11/2016	8850	11/13/2017	10000	11/13/2018	9150	11/13/2019	12525	11/12/2020	11325
11/14/2016	8425	11/14/2017	9900	11/14/2018	10000	11/14/2019	12600	11/13/2020	11200
11/15/2016	8200	11/15/2017	9850	11/15/2018	10300	11/15/2019	12750	11/16/2020	10950
11/16/2016	8450	11/16/2017	9950	11/16/2018	11000	11/18/2019	12500	11/17/2020	10975
11/17/2016	8350	11/17/2017	9900	11/19/2018	11100	11/19/2019	12425	11/18/2020	11150
11/18/2016	8425	11/20/2017	9975	11/20/2018	11100	11/20/2019	12400	11/19/2020	11150
11/21/2016	8475	11/21/2017	9975	11/21/2018	11150	11/21/2019	12450	11/20/2020	11350
11/22/2016	8425	11/22/2017	9900	11/22/2018	11875	11/22/2019	12250	11/23/2020	12100
11/23/2016	8400	11/23/2017	10050	11/23/2018	11525	11/25/2019	12100	11/24/2020	11725
11/24/2016	8050	11/24/2017	10150	11/26/2018	11650	11/26/2019	12000	11/25/2020	11900
11/25/2016	8200	11/27/2017	10025	11/27/2018	11250	11/27/2019	11975	11/26/2020	11925
11/28/2016	8675	11/28/2017	10000	11/28/2018	11175	11/28/2019	11600	11/27/2020	11925
11/29/2016	8700	11/29/2017	9900	11/29/2018	12000	11/29/2019	11450	11/30/2020	11700
11/30/2016	8875	11/30/2017	9400	11/30/2018	12025				

TLKM									
2016		2017		2018		2019		2020	
Tanggal	P	Tanggal	P	Tanggal	P	Tanggal	P	Tanggal	P
11/1/2016	4200	11/1/2017	3950	11/1/2018	3880	11/1/2019	4080	11/2/2020	2560
11/2/2016	4200	11/2/2017	4030	11/2/2018	3940	11/4/2019	4150	11/3/2020	2580
11/3/2016	4150	11/3/2017	4090	11/5/2018	3890	11/5/2019	4200	11/4/2020	2580
11/4/2016	4150	11/6/2017	4190	11/6/2018	3890	11/6/2019	4120	11/5/2020	2770
11/7/2016	4150	11/7/2017	4190	11/7/2018	3950	11/7/2019	4070	11/6/2020	2830
11/8/2016	4280	11/8/2017	4100	11/8/2018	4000	11/8/2019	4110	11/9/2020	2880
11/9/2016	4120	11/9/2017	4160	11/9/2018	3920	11/11/2019	4100	11/10/2020	2860
11/10/2016	4190	11/10/2017	4120	11/12/2018	3860	11/12/2019	4180	11/11/2020	3080
11/11/2016	3960	11/13/2017	4100	11/13/2018	3830	11/13/2019	4150	11/12/2020	3040
11/14/2016	3790	11/14/2017	4080	11/14/2018	3750	11/14/2019	4050	11/13/2020	2990
11/15/2016	3840	11/15/2017	4130	11/15/2018	3910	11/15/2019	4080	11/16/2020	3070
11/16/2016	4000	11/16/2017	4200	11/16/2018	4050	11/18/2019	4000	11/17/2020	3220
11/17/2016	4000	11/17/2017	4200	11/19/2018	3950	11/19/2019	4020	11/18/2020	3180
11/18/2016	3970	11/20/2017	4150	11/20/2018	3950	11/20/2019	4090	11/19/2020	3170
11/21/2016	3930	11/21/2017	4200	11/21/2018	3960	11/21/2019	4020	11/20/2020	3220
11/22/2016	3950	11/22/2017	4200	11/22/2018	3980	11/22/2019	4050	11/23/2020	3320
11/23/2016	3940	11/23/2017	4250	11/23/2018	3990	11/25/2019	3950	11/24/2020	3350
11/24/2016	3810	11/24/2017	4320	11/26/2018	3990	11/26/2019	3860	11/25/2020	3280
11/25/2016	3830	11/27/2017	4300	11/27/2018	3880	11/27/2019	3880	11/26/2020	3470
11/28/2016	3840	11/28/2017	4240	11/28/2018	3720	11/28/2019	3820	11/27/2020	3460
11/29/2016	3840	11/29/2017	4200	11/29/2018	3740	11/29/2019	3930	11/30/2020	3230
11/30/2016	3780	11/30/2017	4150	11/30/2018	3680				

UNTR									
2016		2017		2018		2019		2020	
Tanggal	P	Tanggal	P	Tanggal	P	Tanggal	P	Tanggal	P
11/1/2016	22275	11/1/2017	36250	11/1/2018	33475	11/1/2019	21500	11/2/2020	20450
11/2/2016	22275	11/2/2017	35500	11/2/2018	32875	11/4/2019	21575	11/3/2020	20900
11/3/2016	21850	11/3/2017	35300	11/5/2018	32650	11/5/2019	23250	11/4/2020	20600
11/4/2016	21850	11/6/2017	35300	11/6/2018	33500	11/6/2019	22850	11/5/2020	20875
11/7/2016	22275	11/7/2017	35775	11/7/2018	33975	11/7/2019	22050	11/6/2020	20975
11/8/2016	22950	11/8/2017	34250	11/8/2018	34750	11/8/2019	23275	11/9/2020	20875
11/9/2016	22725	11/9/2017	34100	11/9/2018	34900	11/11/2019	23325	11/10/2020	20650



11/10/2016	23275	11/10/2017	32725	11/12/2018	33075	11/12/2019	23800	11/11/2020	21450
11/11/2016	22850	11/13/2017	32875	11/13/2018	34900	11/13/2019	23225	11/12/2020	21100
11/14/2016	21800	11/14/2017	33525	11/14/2018	34500	11/14/2019	22425	11/13/2020	21125
11/15/2016	20700	11/15/2017	32700	11/15/2018	35075	11/15/2019	22375	11/16/2020	21250
11/16/2016	22900	11/16/2017	33200	11/16/2018	34800	11/18/2019	21900	11/17/2020	21050
11/17/2016	21900	11/17/2017	33075	11/19/2018	34400	11/19/2019	22450	11/18/2020	21000
11/18/2016	21300	11/20/2017	32200	11/20/2018	34400	11/20/2019	22675	11/19/2020	21500
11/21/2016	20775	11/21/2017	31575	11/21/2018	31950	11/21/2019	22100	11/20/2020	21300
11/22/2016	21425	11/22/2017	32500	11/22/2018	31800	11/22/2019	22750	11/23/2020	22100
11/23/2016	21900	11/23/2017	32375	11/23/2018	31850	11/25/2019	22350	11/24/2020	22425
11/24/2016	21475	11/24/2017	31800	11/26/2018	30675	11/26/2019	21375	11/25/2020	24225
11/25/2016	21900	11/27/2017	31800	11/27/2018	29950	11/27/2019	21600	11/26/2020	24500
11/28/2016	21500	11/28/2017	32400	11/28/2018	29000	11/28/2019	20900	11/27/2020	24725
11/29/2016	21775	11/29/2017	33900	11/29/2018	29350	11/29/2019	20925	11/30/2020	23000
11/30/2016	21000	11/30/2017	33500	11/30/2018	27500				

UNVR									
2016		2017		2018		2019		2020	
Tanggal	P	Tanggal	P	Tanggal	P	Tanggal	P	Tanggal	P
11/1/2016	8890	11/1/2017	9920	11/1/2018	8440	11/1/2019	8740	11/2/2020	7625
11/2/2016	8885	11/2/2017	9815	11/2/2018	8545	11/4/2019	8605	11/3/2020	7825
11/3/2016	8835	11/3/2017	9975	11/5/2018	8615	11/5/2019	8770	11/4/2020	7800
11/4/2016	8795	11/6/2017	9835	11/6/2018	8600	11/6/2019	8690	11/5/2020	7900
11/7/2016	8800	11/7/2017	9870	11/7/2018	8440	11/7/2019	8670	11/6/2020	8075
11/8/2016	8875	11/8/2017	9890	11/8/2018	8460	11/8/2019	8630	11/9/2020	7950
11/9/2016	8875	11/9/2017	9860	11/9/2018	8065	11/11/2019	8655	11/10/2020	7800
11/10/2016	8740	11/10/2017	9835	11/12/2018	7875	11/12/2019	8640	11/11/2020	7750
11/11/2016	8200	11/13/2017	9845	11/13/2018	7990	11/13/2019	8465	11/12/2020	7800
11/14/2016	8200	11/14/2017	9795	11/14/2018	8000	11/14/2019	8560	11/13/2020	7750
11/15/2016	8195	11/15/2017	9795	11/15/2018	8220	11/15/2019	8445	11/16/2020	7725
11/16/2016	8220	11/16/2017	9850	11/16/2018	8295	11/18/2019	8430	11/17/2020	7775
11/17/2016	8100	11/17/2017	9930	11/19/2018	8260	11/19/2019	8560	11/18/2020	7800
11/18/2016	8050	11/20/2017	9885	11/20/2018	8260	11/20/2019	8510	11/19/2020	7775
11/21/2016	8000	11/21/2017	9880	11/21/2018	8180	11/21/2019	8405	11/20/2020	7725
11/22/2016	7960	11/22/2017	9890	11/22/2018	8225	11/22/2019	8430	11/23/2020	7825
11/23/2016	8090	11/23/2017	9870	11/23/2018	8430	11/25/2019	8415	11/24/2020	7850
11/24/2016	8020	11/24/2017	9960	11/26/2018	8425	11/26/2019	8300	11/25/2020	7725

11/25/2016	8040	11/27/2017	10080	11/27/2018	8450	11/27/2019	8200	11/26/2020	7750
11/28/2016	8020	11/28/2017	10200	11/28/2018	8100	11/28/2019	8360	11/27/2020	7750
11/29/2016	8125	11/29/2017	10045	11/29/2018	8420	11/29/2019	8360	11/30/2020	7725
11/30/2016	8105	11/30/2017	9860	11/30/2018	8450				

WIKA									
2016		2017		2018		2019		2020	
Tanggal	P	Tanggal	P	Tanggal	P	Tanggal	P	Tanggal	P
11/1/2016	2352.227	11/1/2017	1950	11/1/2018	1165	11/1/2019	1940	11/2/2020	1160
11/2/2016	2296.662	11/2/2017	1940	11/2/2018	1185	11/4/2019	1940	11/3/2020	1205
11/3/2016	2259.619	11/3/2017	1960	11/5/2018	1190	11/5/2019	2070	11/4/2020	1165
11/4/2016	2389.269	11/6/2017	2020	11/6/2018	1190	11/6/2019	2010	11/5/2020	1235
11/7/2016	2454.094	11/7/2017	2000	11/7/2018	1275	11/7/2019	1975	11/6/2020	1240
11/8/2016	2444.834	11/8/2017	2040	11/8/2018	1275	11/8/2019	1945	11/9/2020	1255
11/9/2016	2454.094	11/9/2017	2010	11/9/2018	1205	11/11/2019	1890	11/10/2020	1385
11/10/2016	2639.309	11/10/2017	2010	11/12/2018	1170	11/12/2019	1900	11/11/2020	1390
11/11/2016	2580	11/13/2017	2020	11/13/2018	1170	11/13/2019	1925	11/12/2020	1375
11/14/2016	2530	11/14/2017	2000	11/14/2018	1130	11/14/2019	1935	11/13/2020	1395
11/15/2016	2390	11/15/2017	1980	11/15/2018	1200	11/15/2019	2010	11/16/2020	1470
11/16/2016	2480	11/16/2017	1970	11/16/2018	1225	11/18/2019	1995	11/17/2020	1465
11/17/2016	2360	11/17/2017	1975	11/19/2018	1275	11/19/2019	2000	11/18/2020	1460
11/18/2016	2360	11/20/2017	1960	11/20/2018	1275	11/20/2019	1985	11/19/2020	1470
11/21/2016	2340	11/21/2017	1970	11/21/2018	1290	11/21/2019	1980	11/20/2020	1425
11/22/2016	2500	11/22/2017	1950	11/22/2018	1370	11/22/2019	1930	11/23/2020	1470
11/23/2016	2460	11/23/2017	1925	11/23/2018	1375	11/25/2019	1915	11/24/2020	1505
11/24/2016	2360	11/24/2017	1900	11/26/2018	1480	11/26/2019	1960	11/25/2020	1565
11/25/2016	2440	11/27/2017	1880	11/27/2018	1475	11/27/2019	1870	11/26/2020	1585
11/28/2016	2330	11/28/2017	1810	11/28/2018	1400	11/28/2019	1790	11/27/2020	1695
11/29/2016	2360	11/29/2017	1805	11/29/2018	1495	11/29/2019	1735	11/30/2020	1620
11/30/2016	2430	11/30/2017	1805	11/30/2018	1505				

BSDE									
2016		2017		2018		2019		2020	
Tanggal	P	Tanggal	P	Tanggal	P	Tanggal	P	Tanggal	P
11/1/2016	2130	11/1/2017	1725	11/1/2018	1090	11/1/2019	1425	11/2/2020	880

11/2/2016	2100	11/2/2017	1740	11/2/2018	1120	11/4/2019	1385	11/3/2020	905
11/3/2016	2060	11/3/2017	1770	11/5/2018	1120	11/5/2019	1375	11/4/2020	870
11/4/2016	2060	11/6/2017	1765	11/6/2018	1160	11/6/2019	1415	11/5/2020	930
11/7/2016	2070	11/7/2017	1760	11/7/2018	1215	11/7/2019	1410	11/6/2020	985
11/8/2016	2120	11/8/2017	1770	11/8/2018	1215	11/8/2019	1405	11/9/2020	990
11/9/2016	2070	11/9/2017	1730	11/9/2018	1200	11/11/2019	1380	11/10/2020	1055
11/10/2016	2100	11/10/2017	1690	11/12/2018	1180	11/12/2019	1395	11/11/2020	1035
11/11/2016	1910	11/13/2017	1655	11/13/2018	1165	11/13/2019	1385	11/12/2020	1010
11/14/2016	1780	11/14/2017	1670	11/14/2018	1175	11/14/2019	1380	11/13/2020	1025
11/15/2016	1765	11/15/2017	1640	11/15/2018	1170	11/15/2019	1350	11/16/2020	1090
11/16/2016	1835	11/16/2017	1635	11/16/2018	1190	11/18/2019	1370	11/17/2020	1085
11/17/2016	1820	11/17/2017	1670	11/19/2018	1210	11/19/2019	1390	11/18/2020	1075
11/18/2016	1825	11/20/2017	1640	11/20/2018	1210	11/20/2019	1370	11/19/2020	1080
11/21/2016	1790	11/21/2017	1625	11/21/2018	1240	11/21/2019	1350	11/20/2020	1060
11/22/2016	1825	11/22/2017	1695	11/22/2018	1320	11/22/2019	1360	11/23/2020	1090
11/23/2016	1815	11/23/2017	1695	11/23/2018	1310	11/25/2019	1320	11/24/2020	1100
11/24/2016	1760	11/24/2017	1685	11/26/2018	1270	11/26/2019	1340	11/25/2020	1045
11/25/2016	1725	11/27/2017	1680	11/27/2018	1275	11/27/2019	1300	11/26/2020	1055
11/28/2016	1680	11/28/2017	1670	11/28/2018	1270	11/28/2019	1300	11/27/2020	1070
11/29/2016	1725	11/29/2017	1630	11/29/2018	1335	11/29/2019	1250	11/30/2020	1050
11/30/2016	1700	11/30/2017	1650	11/30/2018	1350				

INTP									
2016		2017		2018		2019		2020	
Tanggal	P	Tanggal	P	Tanggal	P	Tanggal	P	Tanggal	P
11/1/2016	16425	11/1/2017	22175	11/1/2018	16875	11/1/2019	20525	11/2/2020	12200
11/2/2016	16350	11/2/2017	22500	11/2/2018	17350	11/4/2019	19725	11/3/2020	12275
11/3/2016	16000	11/3/2017	23300	11/5/2018	17475	11/5/2019	20050	11/4/2020	12000
11/4/2016	16100	11/6/2017	23700	11/6/2018	17875	11/6/2019	20650	11/5/2020	12500
11/7/2016	15925	11/7/2017	23300	11/7/2018	17700	11/7/2019	20900	11/6/2020	13100
11/8/2016	16125	11/8/2017	22900	11/8/2018	17750	11/8/2019	20550	11/9/2020	13175
11/9/2016	16000	11/9/2017	21850	11/9/2018	17650	11/11/2019	20325	11/10/2020	14100
11/10/2016	15950	11/10/2017	20875	11/12/2018	16600	11/12/2019	20600	11/11/2020	14675
11/11/2016	15200	11/13/2017	20325	11/13/2018	17650	11/13/2019	20200	11/12/2020	14350
11/14/2016	14875	11/14/2017	20175	11/14/2018	18775	11/14/2019	19675	11/13/2020	14400
11/15/2016	14500	11/15/2017	19500	11/15/2018	19650	11/15/2019	19950	11/16/2020	14150
11/16/2016	15000	11/16/2017	19500	11/16/2018	20000	11/18/2019	19675	11/17/2020	14150

11/17/2016	14800	11/17/2017	19900	11/19/2018	19625	11/19/2019	19975	11/18/2020	14150
11/18/2016	14900	11/20/2017	20050	11/20/2018	19625	11/20/2019	19800	11/19/2020	14100
11/21/2016	14950	11/21/2017	20050	11/21/2018	19950	11/21/2019	19675	11/20/2020	14400
11/22/2016	14525	11/22/2017	19575	11/22/2018	20300	11/22/2019	19825	11/23/2020	15475
11/23/2016	14575	11/23/2017	19600	11/23/2018	20325	11/25/2019	20000	11/24/2020	15150
11/24/2016	14300	11/24/2017	19300	11/26/2018	20875	11/26/2019	20000	11/25/2020	14700
11/25/2016	14625	11/27/2017	18500	11/27/2018	20650	11/27/2019	19675	11/26/2020	14900
11/28/2016	15350	11/28/2017	19200	11/28/2018	19800	11/28/2019	19325	11/27/2020	14725
11/29/2016	15900	11/29/2017	18625	11/29/2018	20100	11/29/2019	19400	11/30/2020	14300
11/30/2016	15975	11/30/2017	18425	11/30/2018	19100				

LPPF									
2016		2017		2018		2019		2020	
Tanggal	P	Tanggal	P	Tanggal	P	Tanggal	P	Tanggal	P
11/1/2016	16850	11/1/2017	9600	11/1/2018	4830	11/1/2019	3600	11/2/2020	975
11/2/2016	16325	11/2/2017	10150	11/2/2018	4830	11/4/2019	3520	11/3/2020	950
11/3/2016	16100	11/3/2017	10200	11/5/2018	4770	11/5/2019	3530	11/4/2020	925
11/4/2016	15925	11/6/2017	10150	11/6/2018	4680	11/6/2019	3700	11/5/2020	870
11/7/2016	15825	11/7/2017	10275	11/7/2018	4730	11/7/2019	3610	11/6/2020	810
11/8/2016	16500	11/8/2017	10600	11/8/2018	5200	11/8/2019	3650	11/9/2020	860
11/9/2016	16700	11/9/2017	10000	11/9/2018	5275	11/11/2019	3600	11/10/2020	915
11/10/2016	17100	11/10/2017	9900	11/12/2018	4760	11/12/2019	3660	11/11/2020	875
11/11/2016	15850	11/13/2017	10200	11/13/2018	4790	11/13/2019	3680	11/12/2020	920
11/14/2016	15500	11/14/2017	10500	11/14/2018	4550	11/14/2019	3600	11/13/2020	905
11/15/2016	15100	11/15/2017	10400	11/15/2018	4500	11/15/2019	3500	11/16/2020	915
11/16/2016	14800	11/16/2017	10600	11/16/2018	4500	11/18/2019	3520	11/17/2020	1030
11/17/2016	15425	11/17/2017	10975	11/19/2018	4490	11/19/2019	3560	11/18/2020	1045
11/18/2016	15200	11/20/2017	11300	11/20/2018	4490	11/20/2019	3590	11/19/2020	1070
11/21/2016	14700	11/21/2017	11300	11/21/2018	4350	11/21/2019	3550	11/20/2020	1050
11/22/2016	13325	11/22/2017	11400	11/22/2018	4300	11/22/2019	3600	11/23/2020	1135
11/23/2016	14575	11/23/2017	11600	11/23/2018	4460	11/25/2019	3560	11/24/2020	1280
11/24/2016	14400	11/24/2017	11475	11/26/2018	4460	11/26/2019	3490	11/25/2020	1275
11/25/2016	14100	11/27/2017	11125	11/27/2018	4400	11/27/2019	3550	11/26/2020	1295
11/28/2016	14250	11/28/2017	11175	11/28/2018	4510	11/28/2019	3580	11/27/2020	1360
11/29/2016	14650	11/29/2017	11150	11/29/2018	4680	11/29/2019	3530	11/30/2020	1265
11/30/2016	14400	11/30/2017	10600	11/30/2018	4750				

PGAS									
2016		2017		2018		2019		2020	
Tanggal	P	Tanggal	P	Tanggal	P	Tanggal	P	Tanggal	P
11/1/2016	2520	11/1/2017	1845	11/1/2018	2210	11/1/2019	1850	11/2/2020	1060
11/2/2016	2460	11/2/2017	1830	11/2/2018	2010	11/4/2019	1980	11/3/2020	1075
11/3/2016	2400	11/3/2017	1780	11/5/2018	2060	11/5/2019	1990	11/4/2020	1050
11/4/2016	2470	11/6/2017	1830	11/6/2018	2080	11/6/2019	1980	11/5/2020	1080
11/7/2016	2480	11/7/2017	1845	11/7/2018	2050	11/7/2019	1990	11/6/2020	1100
11/8/2016	2490	11/8/2017	1815	11/8/2018	2090	11/8/2019	2000	11/9/2020	1125
11/9/2016	2480	11/9/2017	1835	11/9/2018	2110	11/11/2019	2000	11/10/2020	1175
11/10/2016	2510	11/10/2017	1805	11/12/2018	2070	11/12/2019	2010	11/11/2020	1205
11/11/2016	2370	11/13/2017	1770	11/13/2018	2070	11/13/2019	1995	11/12/2020	1175
11/14/2016	2270	11/14/2017	1825	11/14/2018	2070	11/14/2019	1965	11/13/2020	1180
11/15/2016	2230	11/15/2017	1775	11/15/2018	2080	11/15/2019	2000	11/16/2020	1215
11/16/2016	2350	11/16/2017	1780	11/16/2018	2070	11/18/2019	1985	11/17/2020	1270
11/17/2016	2410	11/17/2017	1775	11/19/2018	2030	11/19/2019	2010	11/18/2020	1365
11/18/2016	2390	11/20/2017	1755	11/20/2018	2030	11/20/2019	1985	11/19/2020	1355
11/21/2016	2400	11/21/2017	1755	11/21/2018	1945	11/21/2019	1970	11/20/2020	1405
11/22/2016	2520	11/22/2017	1800	11/22/2018	1935	11/22/2019	1945	11/23/2020	1425
11/23/2016	2530	11/23/2017	1800	11/23/2018	1975	11/25/2019	1915	11/24/2020	1440
11/24/2016	2490	11/24/2017	1785	11/26/2018	1925	11/26/2019	1890	11/25/2020	1415
11/25/2016	2610	11/27/2017	1770	11/27/2018	1920	11/27/2019	1940	11/26/2020	1430
11/28/2016	2620	11/28/2017	1705	11/28/2018	1955	11/28/2019	1895	11/27/2020	1490
11/29/2016	2620	11/29/2017	1715	11/29/2018	1940	11/29/2019	1920	11/30/2020	1390
11/30/2016	2650	11/30/2017	1700	11/30/2018	1955				

PTPP									
2016		2017		2018		2019		2020	
Tanggal	P	Tanggal	P	Tanggal	P	Tanggal	P	Tanggal	P
11/1/2016	3934.969	11/1/2017	2880	11/1/2018	1340	11/1/2019	1665	11/2/2020	890
11/2/2016	3849.426	11/2/2017	2830	11/2/2018	1390	11/4/2019	1670	11/3/2020	910
11/3/2016	3830.416	11/3/2017	2880	11/5/2018	1415	11/5/2019	1675	11/4/2020	895
11/4/2016	3782.892	11/6/2017	2910	11/6/2018	1410	11/6/2019	1635	11/5/2020	920
11/7/2016	3773.388	11/7/2017	2870	11/7/2018	1540	11/7/2019	1590	11/6/2020	935
11/8/2016	3839.921	11/8/2017	2870	11/8/2018	1595	11/8/2019	1580	11/9/2020	960

11/9/2016	3811.407	11/9/2017	2820	11/9/2018	1565	11/11/2019	1545	11/10/2020	1005
11/10/2016	4020.511	11/10/2017	2830	11/12/2018	1460	11/12/2019	1530	11/11/2020	1020
11/11/2016	3896.949	11/13/2017	2790	11/13/2018	1435	11/13/2019	1560	11/12/2020	995
11/14/2016	3801.902	11/14/2017	2750	11/14/2018	1395	11/14/2019	1570	11/13/2020	1025
11/15/2016	3801.902	11/15/2017	2750	11/15/2018	1505	11/15/2019	1580	11/16/2020	1100
11/16/2016	3944.473	11/16/2017	2750	11/16/2018	1520	11/18/2019	1600	11/17/2020	1140
11/17/2016	3849.426	11/17/2017	2810	11/19/2018	1565	11/19/2019	1590	11/18/2020	1150
11/18/2016	3858.93	11/20/2017	2760	11/20/2018	1565	11/20/2019	1565	11/19/2020	1175
11/21/2016	3716.359	11/21/2017	2750	11/21/2018	1545	11/21/2019	1545	11/20/2020	1150
11/22/2016	3782.892	11/22/2017	2730	11/22/2018	1620	11/22/2019	1510	11/23/2020	1215
11/23/2016	3858.93	11/23/2017	2730	11/23/2018	1645	11/25/2019	1505	11/24/2020	1260
11/24/2016	3792.397	11/24/2017	2730	11/26/2018	1745	11/26/2019	1505	11/25/2020	1280
11/25/2016	3763.883	11/27/2017	2660	11/27/2018	1745	11/27/2019	1440	11/26/2020	1320
11/28/2016	3706.854	11/28/2017	2630	11/28/2018	1660	11/28/2019	1385	11/27/2020	1400
11/29/2016	3801.902	11/29/2017	2580	11/29/2018	1865	11/29/2019	1350	11/30/2020	1360
11/30/2016	4039.521	11/30/2017	2570	11/30/2018	1855				

SCMA									
2016		2017		2018		2019		2020	
Tanggal	P	Tanggal	P	Tanggal	P	Tanggal	P	Tanggal	P
11/1/2016	2590	11/1/2017	2190	11/1/2018	1590	11/1/2019	1190	11/2/2020	1480
11/2/2016	2510	11/2/2017	2030	11/2/2018	1665	11/4/2019	1175	11/3/2020	1500
11/3/2016	2380	11/3/2017	1950	11/5/2018	1610	11/5/2019	1185	11/4/2020	1480
11/4/2016	2470	11/6/2017	2000	11/6/2018	1655	11/6/2019	1270	11/5/2020	1510
11/7/2016	2470	11/7/2017	1970	11/7/2018	1640	11/7/2019	1240	11/6/2020	1510
11/8/2016	2500	11/8/2017	1970	11/8/2018	1780	11/8/2019	1175	11/9/2020	1490
11/9/2016	2480	11/9/2017	1980	11/9/2018	1730	11/11/2019	1275	11/10/2020	1525
11/10/2016	2490	11/10/2017	1975	11/12/2018	1730	11/12/2019	1330	11/11/2020	1500
11/11/2016	2350	11/13/2017	1950	11/13/2018	1755	11/13/2019	1310	11/12/2020	1490
11/14/2016	2330	11/14/2017	2000	11/14/2018	1820	11/14/2019	1320	11/13/2020	1475
11/15/2016	2230	11/15/2017	1985	11/15/2018	1860	11/15/2019	1290	11/16/2020	1520
11/16/2016	2260	11/16/2017	2000	11/16/2018	1895	11/18/2019	1295	11/17/2020	1515
11/17/2016	2350	11/17/2017	2130	11/19/2018	1830	11/19/2019	1310	11/18/2020	1510
11/18/2016	2260	11/20/2017	2180	11/20/2018	1830	11/20/2019	1310	11/19/2020	1495
11/21/2016	2220	11/21/2017	2160	11/21/2018	1835	11/21/2019	1295	11/20/2020	1495
11/22/2016	2280	11/22/2017	2170	11/22/2018	1855	11/22/2019	1220	11/23/2020	1490
11/23/2016	2380	11/23/2017	2160	11/23/2018	1845	11/25/2019	1210	11/24/2020	1530

11/24/2016	2300	11/24/2017	2200	11/26/2018	1875	11/26/2019	1230	11/25/2020	1530
11/25/2016	2340	11/27/2017	2290	11/27/2018	1855	11/27/2019	1235	11/26/2020	1545
11/28/2016	2330	11/28/2017	2300	11/28/2018	1890	11/28/2019	1165	11/27/2020	1630
11/29/2016	2470	11/29/2017	2260	11/29/2018	1950	11/29/2019	1200	11/30/2020	1645
11/30/2016	2510	11/30/2017	2200	11/30/2018	1915				

ANTM									
2016		2017		2018		2019		2020	
Tanggal	P	Tanggal	P	Tanggal	P	Tanggal	P	Tanggal	P
11/1/2016	900	11/1/2017	710	11/1/2018	685	11/1/2019	855	11/2/2020	1100
11/2/2016	900	11/2/2017	670	11/2/2018	695	11/4/2019	840	11/3/2020	1110
11/3/2016	890	11/3/2017	670	11/5/2018	690	11/5/2019	835	11/4/2020	1105
11/4/2016	910	11/6/2017	670	11/6/2018	680	11/6/2019	850	11/5/2020	1125
11/7/2016	910	11/7/2017	695	11/7/2018	695	11/7/2019	845	11/6/2020	1125
11/8/2016	910	11/8/2017	705	11/8/2018	710	11/8/2019	835	11/9/2020	1240
11/9/2016	890	11/9/2017	710	11/9/2018	700	11/11/2019	830	11/10/2020	1200
11/10/2016	895	11/10/2017	705	11/12/2018	685	11/12/2019	820	11/11/2020	1195
11/11/2016	900	11/13/2017	685	11/13/2018	690	11/13/2019	820	11/12/2020	1170
11/14/2016	885	11/14/2017	680	11/14/2018	670	11/14/2019	815	11/13/2020	1170
11/15/2016	885	11/15/2017	660	11/15/2018	670	11/15/2019	825	11/16/2020	1185
11/16/2016	880	11/16/2017	660	11/16/2018	680	11/18/2019	820	11/17/2020	1190
11/17/2016	900	11/17/2017	660	11/19/2018	675	11/19/2019	835	11/18/2020	1240
11/18/2016	900	11/20/2017	665	11/20/2018	675	11/20/2019	825	11/19/2020	1235
11/21/2016	890	11/21/2017	665	11/21/2018	645	11/21/2019	815	11/20/2020	1210
11/22/2016	910	11/22/2017	660	11/22/2018	625	11/22/2019	810	11/23/2020	1255
11/23/2016	975	11/23/2017	660	11/23/2018	625	11/25/2019	815	11/24/2020	1235
11/24/2016	970	11/24/2017	660	11/26/2018	605	11/26/2019	810	11/25/2020	1205
11/25/2016	965	11/27/2017	655	11/27/2018	595	11/27/2019	780	11/26/2020	1210
11/28/2016	985	11/28/2017	650	11/28/2018	600	11/28/2019	750	11/27/2020	1230
11/29/2016	975	11/29/2017	665	11/29/2018	625	11/29/2019	750	11/30/2020	1145
11/30/2016	970	11/30/2017	665	11/30/2018	615				

CTRA									
2016		2017		2018		2019		2020	
Tanggal	P	Tanggal	P	Tanggal	P	Tanggal	P	Tanggal	P

11/1/2016	1520	11/1/2017	1215	11/1/2018	805	11/1/2019	1095	11/2/2020	815
11/2/2016	1470	11/2/2017	1210	11/2/2018	845	11/4/2019	1055	11/3/2020	820
11/3/2016	1490	11/3/2017	1220	11/5/2018	805	11/5/2019	1115	11/4/2020	785
11/4/2016	1505	11/6/2017	1225	11/6/2018	840	11/6/2019	1115	11/5/2020	815
11/7/2016	1565	11/7/2017	1225	11/7/2018	890	11/7/2019	1090	11/6/2020	840
11/8/2016	1630	11/8/2017	1220	11/8/2018	905	11/8/2019	1085	11/9/2020	850
11/9/2016	1600	11/9/2017	1210	11/9/2018	910	11/11/2019	1065	11/10/2020	905
11/10/2016	1695	11/10/2017	1210	11/12/2018	865	11/12/2019	1070	11/11/2020	895
11/11/2016	1560	11/13/2017	1210	11/13/2018	895	11/13/2019	1035	11/12/2020	865
11/14/2016	1480	11/14/2017	1195	11/14/2018	910	11/14/2019	1025	11/13/2020	865
11/15/2016	1445	11/15/2017	1160	11/15/2018	920	11/15/2019	1065	11/16/2020	900
11/16/2016	1465	11/16/2017	1170	11/16/2018	925	11/18/2019	1105	11/17/2020	940
11/17/2016	1450	11/17/2017	1195	11/19/2018	945	11/19/2019	1080	11/18/2020	915
11/18/2016	1425	11/20/2017	1190	11/20/2018	945	11/20/2019	1075	11/19/2020	910
11/21/2016	1390	11/21/2017	1165	11/21/2018	975	11/21/2019	1050	11/20/2020	895
11/22/2016	1415	11/22/2017	1200	11/22/2018	1010	11/22/2019	1040	11/23/2020	905
11/23/2016	1435	11/23/2017	1200	11/23/2018	980	11/25/2019	1030	11/24/2020	915
11/24/2016	1400	11/24/2017	1200	11/26/2018	1000	11/26/2019	1010	11/25/2020	935
11/25/2016	1440	11/27/2017	1210	11/27/2018	1010	11/27/2019	1005	11/26/2020	975
11/28/2016	1390	11/28/2017	1205	11/28/2018	990	11/28/2019	975	11/27/2020	955
11/29/2016	1415	11/29/2017	1200	11/29/2018	1080	11/29/2019	1005	11/30/2020	925
11/30/2016	1350	11/30/2017	1225	11/30/2018	1055				

EXCL									
2016		2017		2018		2019		2020	
Tanggal	P	Tanggal	P	Tanggal	P	Tanggal	P	Tanggal	P
11/1/2016	2190	11/1/2017	3500	11/1/2018	2220	11/1/2019	3520	11/2/2020	2010
11/2/2016	2160	11/2/2017	3560	11/2/2018	2090	11/4/2019	3550	11/3/2020	2010
11/3/2016	2270	11/3/2017	3560	11/5/2018	2100	11/5/2019	3500	11/4/2020	1985
11/4/2016	2280	11/6/2017	3550	11/6/2018	2230	11/6/2019	3520	11/5/2020	2110
11/7/2016	2270	11/7/2017	3570	11/7/2018	2160	11/7/2019	3500	11/6/2020	2180
11/8/2016	2510	11/8/2017	3520	11/8/2018	2270	11/8/2019	3450	11/9/2020	2130
11/9/2016	2500	11/9/2017	3520	11/9/2018	2270	11/11/2019	3300	11/10/2020	2190
11/10/2016	2580	11/10/2017	3500	11/12/2018	2190	11/12/2019	3460	11/11/2020	2340
11/11/2016	2400	11/13/2017	3500	11/13/2018	2120	11/13/2019	3440	11/12/2020	2290
11/14/2016	2280	11/14/2017	3360	11/14/2018	2140	11/14/2019	3480	11/13/2020	2290
11/15/2016	2220	11/15/2017	3330	11/15/2018	2160	11/15/2019	3480	11/16/2020	2320



11/16/2016	2250	11/16/2017	3250	11/16/2018	2200	11/18/2019	3480	11/17/2020	2300
11/17/2016	2380	11/17/2017	3210	11/19/2018	2190	11/19/2019	3530	11/18/2020	2300
11/18/2016	2340	11/20/2017	3190	11/20/2018	2190	11/20/2019	3550	11/19/2020	2300
11/21/2016	2250	11/21/2017	3090	11/21/2018	2180	11/21/2019	3500	11/20/2020	2300
11/22/2016	2280	11/22/2017	3000	11/22/2018	2210	11/22/2019	3540	11/23/2020	2430
11/23/2016	2250	11/23/2017	3070	11/23/2018	2220	11/25/2019	3550	11/24/2020	2500
11/24/2016	2160	11/24/2017	3010	11/26/2018	2210	11/26/2019	3490	11/25/2020	2490
11/25/2016	2140	11/27/2017	2900	11/27/2018	2200	11/27/2019	3390	11/26/2020	2540
11/28/2016	2040	11/28/2017	2980	11/28/2018	2030	11/28/2019	3230	11/27/2020	2530
11/29/2016	2110	11/29/2017	3130	11/29/2018	2050	11/29/2019	3340	11/30/2020	2410
11/30/2016	2300	11/30/2017	3080	11/30/2018	2040				

JSMR									
2016		2017		2018		2019		2020	
Tanggal	P	Tanggal	P	Tanggal	P	Tanggal	P	Tanggal	P
11/1/2016	4559.322	11/1/2017	6425	11/1/2018	4120	11/1/2019	5250	11/2/2020	3570
11/2/2016	4579.275	11/2/2017	6425	11/2/2018	4180	11/4/2019	5275	11/3/2020	3780
11/3/2016	4489.486	11/3/2017	6525	11/5/2018	4160	11/5/2019	5475	11/4/2020	3700
11/4/2016	4479.509	11/6/2017	6575	11/6/2018	4090	11/6/2019	5325	11/5/2020	3810
11/7/2016	4479.509	11/7/2017	6675	11/7/2018	4090	11/7/2019	5200	11/6/2020	3900
11/8/2016	4509.439	11/8/2017	6700	11/8/2018	4090	11/8/2019	5100	11/9/2020	3940
11/9/2016	4529.392	11/9/2017	6725	11/9/2018	3990	11/11/2019	5050	11/10/2020	4180
11/10/2016	4689.019	11/10/2017	6500	11/12/2018	3930	11/12/2019	4990	11/11/2020	4120
11/11/2016	4539.369	11/13/2017	6425	11/13/2018	3820	11/13/2019	5050	11/12/2020	4160
11/14/2016	4339.836	11/14/2017	6400	11/14/2018	3830	11/14/2019	4900	11/13/2020	4130
11/15/2016	4210.14	11/15/2017	6425	11/15/2018	3900	11/15/2019	5075	11/16/2020	4330
11/16/2016	4289.953	11/16/2017	6450	11/16/2018	4000	11/18/2019	5075	11/17/2020	4400
11/17/2016	4289.953	11/17/2017	6600	11/19/2018	4020	11/19/2019	5200	11/18/2020	4410
11/18/2016	4260.023	11/20/2017	6450	11/20/2018	4020	11/20/2019	5175	11/19/2020	4380
11/21/2016	4210.14	11/21/2017	6525	11/21/2018	3970	11/21/2019	5150	11/20/2020	4350
11/22/2016	4240.07	11/22/2017	6725	11/22/2018	3980	11/22/2019	5100	11/23/2020	4350
11/23/2016	4200.163	11/23/2017	6700	11/23/2018	3990	11/25/2019	4980	11/24/2020	4520
11/24/2016	4070.467	11/24/2017	6425	11/26/2018	3970	11/26/2019	4870	11/25/2020	4320
11/25/2016	4040.537	11/27/2017	6475	11/27/2018	4000	11/27/2019	4780	11/26/2020	4380
11/28/2016	3910	11/28/2017	6475	11/28/2018	3980	11/28/2019	4590	11/27/2020	4400
11/29/2016	4180	11/29/2017	6500	11/29/2018	4000	11/29/2019	4940	11/30/2020	4190
11/30/2016	4150	11/30/2017	6375	11/30/2018	4130				

LPKR									
2016		2017		2018		2019		2020	
Tanggal	P	Tanggal	P	Tanggal	P	Tanggal	P	Tanggal	P
11/1/2016	714.2109	11/1/2017	535.6581	11/1/2018	219.0247	11/1/2019	232	11/2/2020	134
11/2/2016	698.3395	11/2/2017	523.7546	11/2/2018	223.7861	11/4/2019	230	11/3/2020	138
11/3/2016	694.3717	11/3/2017	511.8511	11/5/2018	222.1989	11/5/2019	230	11/4/2020	133
11/4/2016	698.3395	11/6/2017	511.8511	11/6/2018	225.3732	11/6/2019	230	11/5/2020	134
11/7/2016	706.2752	11/7/2017	511.8511	11/7/2018	225.3732	11/7/2019	234	11/6/2020	136
11/8/2016	706.2752	11/8/2017	511.8511	11/8/2018	225.3732	11/8/2019	248	11/9/2020	138
11/9/2016	702.3074	11/9/2017	503.9155	11/9/2018	223.7861	11/11/2019	248	11/10/2020	136
11/10/2016	702.3074	11/10/2017	511.8511	11/12/2018	222.1989	11/12/2019	252	11/11/2020	137
11/11/2016	682.4682	11/13/2017	503.9155	11/13/2018	217.4375	11/13/2019	254	11/12/2020	134
11/14/2016	654.6933	11/14/2017	480.1084	11/14/2018	211.089	11/14/2019	254	11/13/2020	131
11/15/2016	626.9185	11/15/2017	488.0441	11/15/2018	212.6761	11/15/2019	256	11/16/2020	132
11/16/2016	622.9506	11/16/2017	495.9798	11/16/2018	217.4375	11/18/2019	254	11/17/2020	132
11/17/2016	638.822	11/17/2017	499.9476	11/19/2018	217.4375	11/19/2019	256	11/18/2020	134
11/18/2016	634.8541	11/20/2017	503.9155	11/20/2018	217.4375	11/20/2019	256	11/19/2020	160
11/21/2016	630.8863	11/21/2017	495.9798	11/21/2018	219.0247	11/21/2019	252	11/20/2020	158
11/22/2016	630.8863	11/22/2017	492.0119	11/22/2018	217.4375	11/22/2019	252	11/23/2020	171
11/23/2016	638.822	11/23/2017	488.0441	11/23/2018	217.4375	11/25/2019	248	11/24/2020	174
11/24/2016	622.9506	11/24/2017	499.9476	11/26/2018	215.8504	11/26/2019	250	11/25/2020	169
11/25/2016	622.9506	11/27/2017	488.0441	11/27/2018	215.8504	11/27/2019	246	11/26/2020	166
11/28/2016	618.9828	11/28/2017	480.1084	11/28/2018	214.2633	11/28/2019	246	11/27/2020	206
11/29/2016	607.0793	11/29/2017	476.1406	11/29/2018	209.5019	11/29/2019	244	11/30/2020	234
11/30/2016	607.0793	11/30/2017	456.3014	11/30/2018	209.5019				

PWON									
2016		2017		2018		2019		2020	
Tanggal	P	Tanggal	P	Tanggal	P	Tanggal	P	Tanggal	P
11/1/2016	710	11/1/2017	640	11/1/2018	494	11/1/2019	620	11/2/2020	418
11/2/2016	720	11/2/2017	625	11/2/2018	540	11/4/2019	605	11/3/2020	422
11/3/2016	720	11/3/2017	635	11/5/2018	550	11/5/2019	610	11/4/2020	412
11/4/2016	720	11/6/2017	645	11/6/2018	550	11/6/2019	595	11/5/2020	416
11/7/2016	720	11/7/2017	645	11/7/2018	555	11/7/2019	580	11/6/2020	422

11/8/2016	720	11/8/2017	640	11/8/2018	555	11/8/2019	580	11/9/2020	430
11/9/2016	705	11/9/2017	625	11/9/2018	545	11/11/2019	570	11/10/2020	464
11/10/2016	740	11/10/2017	620	11/12/2018	530	11/12/2019	585	11/11/2020	454
11/11/2016	690	11/13/2017	615	11/13/2018	545	11/13/2019	580	11/12/2020	444
11/14/2016	660	11/14/2017	635	11/14/2018	570	11/14/2019	565	11/13/2020	456
11/15/2016	670	11/15/2017	625	11/15/2018	595	11/15/2019	585	11/16/2020	482
11/16/2016	695	11/16/2017	625	11/16/2018	615	11/18/2019	590	11/17/2020	486
11/17/2016	685	11/17/2017	615	11/19/2018	610	11/19/2019	595	11/18/2020	494
11/18/2016	685	11/20/2017	615	11/20/2018	610	11/20/2019	605	11/19/2020	505
11/21/2016	690	11/21/2017	620	11/21/2018	620	11/21/2019	585	11/20/2020	500
11/22/2016	695	11/22/2017	625	11/22/2018	625	11/22/2019	575	11/23/2020	515
11/23/2016	690	11/23/2017	630	11/23/2018	600	11/25/2019	560	11/24/2020	530
11/24/2016	685	11/24/2017	635	11/26/2018	600	11/26/2019	560	11/25/2020	505
11/25/2016	695	11/27/2017	640	11/27/2018	605	11/27/2019	565	11/26/2020	525
11/28/2016	695	11/28/2017	625	11/28/2018	600	11/28/2019	560	11/27/2020	520
11/29/2016	685	11/29/2017	630	11/29/2018	600	11/29/2019	565	11/30/2020	500
11/30/2016	685	11/30/2017	620	11/30/2018	590				

SMRA									
2016		2017		2018		2019		2020	
Tanggal	P	Tanggal	P	Tanggal	P	Tanggal	P	Tanggal	P
11/1/2016	1515	11/1/2017	1020	11/1/2018	570	11/1/2019	1095	11/2/2020	639.52
11/2/2016	1460	11/2/2017	1005	11/2/2018	620	11/4/2019	1100	11/3/2020	624.9855
11/3/2016	1430	11/3/2017	1015	11/5/2018	605	11/5/2019	1140	11/4/2020	605.6061
11/4/2016	1435	11/6/2017	1030	11/6/2018	635	11/6/2019	1150	11/5/2020	639.52
11/7/2016	1450	11/7/2017	1020	11/7/2018	675	11/7/2019	1155	11/6/2020	683.1237
11/8/2016	1470	11/8/2017	1010	11/8/2018	685	11/8/2019	1155	11/9/2020	712.1927
11/9/2016	1465	11/9/2017	1015	11/9/2018	635	11/11/2019	1170	11/10/2020	736.417
11/10/2016	1475	11/10/2017	985	11/12/2018	605	11/12/2019	1160	11/11/2020	726.7273
11/11/2016	1375	11/13/2017	985	11/13/2018	630	11/13/2019	1115	11/12/2020	697.6582
11/14/2016	1300	11/14/2017	915	11/14/2018	610	11/14/2019	1090	11/13/2020	726.7273
11/15/2016	1235	11/15/2017	930	11/15/2018	630	11/15/2019	1105	11/16/2020	750.9515
11/16/2016	1355	11/16/2017	940	11/16/2018	655	11/18/2019	1115	11/17/2020	760.6412
11/17/2016	1350	11/17/2017	905	11/19/2018	680	11/19/2019	1115	11/18/2020	755.7964
11/18/2016	1350	11/20/2017	870	11/20/2018	680	11/20/2019	1095	11/19/2020	770.3309
11/21/2016	1345	11/21/2017	875	11/21/2018	685	11/21/2019	1070	11/20/2020	755.7964

11/22/2016	1395	11/22/2017	915	11/22/2018	725	11/22/2019	1040	11/23/2020	775.1758
11/23/2016	1400	11/23/2017	920	11/23/2018	735	11/25/2019	1025	11/24/2020	770.3309
11/24/2016	1320	11/24/2017	930	11/26/2018	745	11/26/2019	1030	11/25/2020	760.6412
11/25/2016	1370	11/27/2017	890	11/27/2018	740	11/27/2019	1010	11/26/2020	828.4691
11/28/2016	1360	11/28/2017	885	11/28/2018	730	11/28/2019	975	11/27/2020	818.7794
11/29/2016	1390	11/29/2017	890	11/29/2018	800	11/29/2019	1020	11/30/2020	794.5552
11/30/2016	1415	11/30/2017	860	11/30/2018	820				

WSKT									
2016		2017		2018		2019		2020	
Tanggal	P	Tanggal	P	Tanggal	P	Tanggal	P	Tanggal	P
11/1/2016	2600	11/1/2017	2100	11/1/2018	1485	11/1/2019	1495	11/2/2020	720
11/2/2016	2580	11/2/2017	2130	11/2/2018	1505	11/4/2019	1480	11/3/2020	755
11/3/2016	2480	11/3/2017	2150	11/5/2018	1505	11/5/2019	1535	11/4/2020	735
11/4/2016	2510	11/6/2017	2210	11/6/2018	1505	11/6/2019	1510	11/5/2020	750
11/7/2016	2500	11/7/2017	2200	11/7/2018	1650	11/7/2019	1480	11/6/2020	750
11/8/2016	2490	11/8/2017	2170	11/8/2018	1670	11/8/2019	1485	11/9/2020	790
11/9/2016	2450	11/9/2017	2140	11/9/2018	1575	11/11/2019	1475	11/10/2020	880
11/10/2016	2500	11/10/2017	2180	11/12/2018	1515	11/12/2019	1460	11/11/2020	930
11/11/2016	2410	11/13/2017	2190	11/13/2018	1515	11/13/2019	1475	11/12/2020	915
11/14/2016	2290	11/14/2017	2150	11/14/2018	1420	11/14/2019	1460	11/13/2020	940
11/15/2016	2180	11/15/2017	2140	11/15/2018	1500	11/15/2019	1465	11/16/2020	1020
11/16/2016	2350	11/16/2017	2150	11/16/2018	1530	11/18/2019	1465	11/17/2020	1005
11/17/2016	2310	11/17/2017	2210	11/19/2018	1630	11/19/2019	1450	11/18/2020	1025
11/18/2016	2320	11/20/2017	2150	11/20/2018	1630	11/20/2019	1425	11/19/2020	1060
11/21/2016	2300	11/21/2017	2150	11/21/2018	1590	11/21/2019	1425	11/20/2020	1025
11/22/2016	2370	11/22/2017	2140	11/22/2018	1635	11/22/2019	1375	11/23/2020	1095
11/23/2016	2360	11/23/2017	2110	11/23/2018	1625	11/25/2019	1370	11/24/2020	1085
11/24/2016	2290	11/24/2017	2110	11/26/2018	1630	11/26/2019	1370	11/25/2020	1045
11/25/2016	2350	11/27/2017	2160	11/27/2018	1595	11/27/2019	1305	11/26/2020	1055
11/28/2016	2270	11/28/2017	2130	11/28/2018	1515	11/28/2019	1285	11/27/2020	1110
11/29/2016	2380	11/29/2017	2170	11/29/2018	1555	11/29/2019	1225	11/30/2020	1040
11/30/2016	2550	11/30/2017	2110	11/30/2018	1560				

TPIA
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2016		2017		2018		2019		2020	
Tanggal	P	Tanggal	P	Tanggal	P	Tanggal	P	Tanggal	P
11/1/2016	2600	11/1/2017	2100	11/1/2018	4820	11/1/2019	9350	11/2/2020	7950
11/1/2016	3484.833	11/1/2017	5460	11/2/2018	4770	11/4/2019	9400	11/3/2020	7950
11/2/2016	3504.467	11/2/2017	5500	11/5/2018	4820	11/5/2019	9500	11/4/2020	7950
11/3/2016	3519.191	11/3/2017	5525	11/6/2018	4770	11/6/2019	9325	11/5/2020	8050
11/4/2016	3607.539	11/6/2017	5565	11/7/2018	4820	11/7/2019	9350	11/6/2020	8150
11/7/2016	3656.621	11/7/2017	5580	11/8/2018	4800	11/8/2019	9100	11/9/2020	8300
11/8/2016	3769.51	11/8/2017	5660	11/9/2018	4850	11/11/2019	9300	11/10/2020	8325
11/9/2016	3686.071	11/9/2017	5690	11/12/2018	4920	11/12/2019	9450	11/11/2020	8325
11/10/2016	3789.143	11/10/2017	5760	11/13/2018	4750	11/13/2019	9650	11/12/2020	8425
11/11/2016	3764.602	11/13/2017	5770	11/14/2018	4850	11/14/2019	9650	11/13/2020	8400
11/14/2016	3725.336	11/14/2017	5690	11/15/2018	4850	11/15/2019	9725	11/16/2020	8450
11/15/2016	3759.694	11/15/2017	5700	11/16/2018	4880	11/18/2019	9750	11/17/2020	8575
11/16/2016	3774.418	11/16/2017	5650	11/19/2018	4950	11/19/2019	9450	11/18/2020	8700
11/17/2016	3813.684	11/17/2017	5660	11/20/2018	4950	11/20/2019	9425	11/19/2020	8675
11/18/2016	3823.5	11/20/2017	5795	11/21/2018	5175	11/21/2019	9050	11/20/2020	8750
11/21/2016	3818.592	11/21/2017	5650	11/22/2018	5175	11/22/2019	8975	11/23/2020	8775
11/22/2016	3872.583	11/22/2017	5750	11/23/2018	5200	11/25/2019	9025	11/24/2020	8875
11/23/2016	3926.573	11/23/2017	5700	11/26/2018	5250	11/26/2019	9100	11/25/2020	8975
11/24/2016	3911.848	11/24/2017	5700	11/27/2018	5200	11/27/2019	9175	11/26/2020	9275
11/25/2016	3906.94	11/27/2017	5600	11/28/2018	5100	11/28/2019	9250	11/27/2020	9250
11/28/2016	3906.94	11/28/2017	5500	11/29/2018	5225	11/29/2019	9350	11/30/2020	9300
11/29/2016	3916.757	11/29/2017	5700	11/30/2018	5325				
11/30/2016	3921.665	11/30/2017	5475						

BRPT									
2016		2017		2018		2019		2020	
Tanggal	P	Tanggal	P	Tanggal	P	Tanggal	P	Tanggal	P
11/1/2016	142.5	11/1/2017	410	11/1/2018	374	11/1/2019	960	11/2/2020	900
11/2/2016	140	11/2/2017	408	11/2/2018	370	11/4/2019	950	11/3/2020	905
11/3/2016	140.5	11/3/2017	412	11/5/2018	371	11/5/2019	965	11/4/2020	875
11/4/2016	141.5	11/6/2017	414	11/6/2018	364	11/6/2019	965	11/5/2020	925
11/7/2016	142.5	11/7/2017	408	11/7/2018	372	11/7/2019	980	11/6/2020	935
11/8/2016	154.5	11/8/2017	402	11/8/2018	370	11/8/2019	980	11/9/2020	930
11/9/2016	153	11/9/2017	408	11/9/2018	367	11/11/2019	970	11/10/2020	970
11/10/2016	164.5	11/10/2017	404	11/12/2018	362	11/12/2019	990	11/11/2020	960

11/11/2016	159.5	11/13/2017	414	11/13/2018	367	11/13/2019	1035	11/12/2020	955
11/14/2016	157	11/14/2017	420	11/14/2018	381	11/14/2019	1025	11/13/2020	935
11/15/2016	156.5	11/15/2017	430	11/15/2018	377	11/15/2019	1075	11/16/2020	935
11/16/2016	161.5	11/16/2017	434	11/16/2018	386	11/18/2019	1130	11/17/2020	930
11/17/2016	156	11/17/2017	436	11/19/2018	384	11/19/2019	1245	11/18/2020	960
11/18/2016	157.5	11/20/2017	432	11/20/2018	384	11/20/2019	1175	11/19/2020	960
11/21/2016	166	11/21/2017	424	11/21/2018	410	11/21/2019	1215	11/20/2020	955
11/22/2016	169.5	11/22/2017	438	11/22/2018	404	11/22/2019	1200	11/23/2020	1045
11/23/2016	167.5	11/23/2017	440	11/23/2018	406	11/25/2019	1285	11/24/2020	1085
11/24/2016	165.5	11/24/2017	444	11/26/2018	414	11/26/2019	1240	11/25/2020	1080
11/25/2016	162.5	11/27/2017	440	11/27/2018	408	11/27/2019	1320	11/26/2020	1135
11/28/2016	158.5	11/28/2017	444	11/28/2018	408	11/28/2019	1330	11/27/2020	1115
11/29/2016	158	11/29/2017	454	11/29/2018	412	11/29/2019	1360	11/30/2020	1050
11/30/2016	157	11/30/2017	454	11/30/2018	422				

Lampiran 31. Daftar harga saham 29 emiten pada bulan Desember 2016 – 2020

ADRO									
2016		2017		2018		2019		2020	
Tanggal	P	Tanggal	P	Tanggal	P	Tanggal	P	Tanggal	P
12/1/2016	1610	12/1/2017	1700	12/3/2018	1305	12/2/2019	1315	12/1/2020	1390
12/2/2016	1665	12/4/2017	1775	12/4/2018	1300	12/3/2019	1315	12/2/2020	1390
12/5/2016	1730	12/5/2017	1780	12/5/2018	1285	12/4/2019	1360	12/3/2020	1375
12/6/2016	1730	12/6/2017	1755	12/6/2018	1295	12/5/2019	1460	12/4/2020	1435
12/7/2016	1710	12/7/2017	1710	12/7/2018	1300	12/6/2019	1425	12/7/2020	1485
12/8/2016	1650	12/8/2017	1725	12/10/2018	1310	12/9/2019	1420	12/8/2020	1545
12/9/2016	1680	12/11/2017	1710	12/11/2018	1285	12/10/2019	1485	12/10/2020	1545
12/13/2016	1700	12/12/2017	1810	12/12/2018	1255	12/11/2019	1490	12/11/2020	1535
12/14/2016	1690	12/13/2017	1815	12/13/2018	1280	12/12/2019	1475	12/14/2020	1570
12/15/2016	1670	12/14/2017	1805	12/14/2018	1285	12/13/2019	1590	12/15/2020	1530
12/16/2016	1660	12/15/2017	1805	12/17/2018	1280	12/16/2019	1640	12/16/2020	1555
12/19/2016	1695	12/18/2017	1800	12/18/2018	1240	12/17/2019	1655	12/17/2020	1490
12/20/2016	1700	12/19/2017	1835	12/19/2018	1245	12/18/2019	1610	12/18/2020	1480
12/21/2016	1670	12/20/2017	1800	12/20/2018	1255	12/19/2019	1595	12/21/2020	1555
12/22/2016	1680	12/21/2017	1870	12/21/2018	1250	12/20/2019	1540	12/22/2020	1470
12/23/2016	1655	12/22/2017	1890	12/24/2018	1250	12/23/2019	1580	12/23/2020	1490
12/27/2016	1675	12/25/2017	1890	12/25/2018	1250	12/26/2019	1585	12/28/2020	1505

12/28/2016	1690	12/26/2017	1890	12/26/2018	1220	12/27/2019	1580	12/29/2020	1490
12/29/2016	1690	12/27/2017	1895	12/27/2018	1240	12/30/2019	1555	12/30/2020	1430
12/30/2016	1695	12/28/2017	1890	12/28/2018	1215				
		12/29/2017	1860						

AKRA									
2016		2017		2018		2019		2020	
Tanggal	P	Tanggal	P	Tanggal	P	Tanggal	P	Tanggal	P
12/1/2016	6425	12/1/2017	6350	12/3/2018	3870	12/2/2019	3690	12/1/2020	2990
12/2/2016	6450	12/4/2017	6425	12/4/2018	3850	12/3/2019	3630	12/2/2020	3070
12/5/2016	6500	12/5/2017	6150	12/5/2018	3790	12/4/2019	3630	12/3/2020	3090
12/6/2016	6475	12/6/2017	6100	12/6/2018	3850	12/5/2019	3770	12/4/2020	3110
12/7/2016	6500	12/7/2017	6175	12/7/2018	3960	12/6/2019	3770	12/7/2020	3400
12/8/2016	6350	12/8/2017	6225	12/10/2018	3970	12/9/2019	3710	12/8/2020	3310
12/9/2016	6400	12/11/2017	6075	12/11/2018	4260	12/10/2019	3720	12/10/2020	3300
12/13/2016	6475	12/12/2017	6100	12/12/2018	4280	12/11/2019	3750	12/11/2020	3320
12/14/2016	6300	12/13/2017	6275	12/13/2018	4350	12/12/2019	3770	12/14/2020	3290
12/15/2016	6300	12/14/2017	6350	12/14/2018	4390	12/13/2019	3840	12/15/2020	3280
12/16/2016	6100	12/15/2017	6300	12/17/2018	4200	12/16/2019	3870	12/16/2020	3280
12/19/2016	5975	12/18/2017	6100	12/18/2018	4120	12/17/2019	3870	12/17/2020	3380
12/20/2016	5775	12/19/2017	6050	12/19/2018	4390	12/18/2019	3890	12/18/2020	3370
12/21/2016	5700	12/20/2017	6050	12/20/2018	4350	12/19/2019	3920	12/21/2020	3540
12/22/2016	5500	12/21/2017	6225	12/21/2018	4330	12/20/2019	3980	12/22/2020	3310
12/23/2016	5575	12/22/2017	6350	12/24/2018	4330	12/23/2019	3960	12/23/2020	3240
12/27/2016	5725	12/25/2017	6350	12/25/2018	4330	12/26/2019	3970	12/28/2020	3310
12/28/2016	5825	12/26/2017	6350	12/26/2018	4280	12/27/2019	3870	12/29/2020	3270
12/29/2016	5975	12/27/2017	6450	12/27/2018	4350	12/30/2019	3950	12/30/2020	3180
12/30/2016	6000	12/28/2017	6425	12/28/2018	4290				
		12/29/2017	6350						

ASII									
2016		2017		2018		2019		2020	
Tanggal	P	Tanggal	P	Tanggal	P	Tanggal	P	Tanggal	P
12/1/2016	7700	12/1/2017	7975	12/3/2018	8600	12/2/2019	6650	12/1/2020	5550
12/2/2016	7850	12/4/2017	8100	12/4/2018	8525	12/3/2019	6525	12/2/2020	5725

12/5/2016	7875	12/5/2017	8200	12/5/2018	8325	12/4/2019	6550	12/3/2020	5625
12/6/2016	7850	12/6/2017	8350	12/6/2018	8100	12/5/2019	6700	12/4/2020	5700
12/7/2016	7775	12/7/2017	8300	12/7/2018	8225	12/6/2019	6775	12/7/2020	5850
12/8/2016	7800	12/8/2017	8250	12/10/2018	8150	12/9/2019	6675	12/8/2020	5700
12/9/2016	7825	12/11/2017	8400	12/11/2018	8150	12/10/2019	6650	12/10/2020	5825
12/13/2016	7850	12/12/2017	8200	12/12/2018	8250	12/11/2019	6550	12/11/2020	5675
12/14/2016	7775	12/13/2017	8100	12/13/2018	8450	12/12/2019	6550	12/14/2020	5675
12/15/2016	7750	12/14/2017	8325	12/14/2018	8450	12/13/2019	6850	12/15/2020	5950
12/16/2016	7575	12/15/2017	8300	12/17/2018	8300	12/16/2019	6975	12/16/2020	6125
12/19/2016	7625	12/18/2017	8175	12/18/2018	8375	12/17/2019	6950	12/17/2020	6200
12/20/2016	7550	12/19/2017	8175	12/19/2018	8425	12/18/2019	6900	12/18/2020	6200
12/21/2016	7700	12/20/2017	8000	12/20/2018	8475	12/19/2019	6850	12/21/2020	6150
12/22/2016	7525	12/21/2017	8100	12/21/2018	8425	12/20/2019	6925	12/22/2020	6075
12/23/2016	7325	12/22/2017	8200	12/24/2018	8425	12/23/2019	6900	12/23/2020	6000
12/27/2016	7625	12/25/2017	8200	12/25/2018	8425	12/26/2019	6875	12/28/2020	6075
12/28/2016	7825	12/26/2017	8200	12/26/2018	8125	12/27/2019	6925	12/29/2020	6050
12/29/2016	8125	12/27/2017	8150	12/27/2018	8225	12/30/2019	6925	12/30/2020	6025
12/30/2016	8275	12/28/2017	8050	12/28/2018	8225				
		12/29/2017	8300						

ICBP									
2016		2017		2018		2019		2020	
Tanggal	P	Tanggal	P	Tanggal	P	Tanggal	P	Tanggal	P
12/1/2016	8625	12/1/2017	8450	12/3/2018	9625	12/2/2019	11400	12/1/2020	10100
12/2/2016	8750	12/4/2017	8750	12/4/2018	9750	12/3/2019	11400	12/2/2020	10175
12/5/2016	8875	12/5/2017	8650	12/5/2018	9750	12/4/2019	11100	12/3/2020	10025
12/6/2016	8700	12/6/2017	8850	12/6/2018	9700	12/5/2019	11250	12/4/2020	9950
12/7/2016	8675	12/7/2017	8675	12/7/2018	9700	12/6/2019	11425	12/7/2020	9950
12/8/2016	8850	12/8/2017	8775	12/10/2018	9725	12/9/2019	11375	12/8/2020	9800
12/9/2016	8850	12/11/2017	8700	12/11/2018	9700	12/10/2019	11375	12/10/2020	9950
12/13/2016	8950	12/12/2017	8800	12/12/2018	9675	12/11/2019	11450	12/11/2020	9825
12/14/2016	8925	12/13/2017	8775	12/13/2018	9825	12/12/2019	11375	12/14/2020	9825
12/15/2016	8700	12/14/2017	8800	12/14/2018	10100	12/13/2019	11450	12/15/2020	9700
12/16/2016	8625	12/15/2017	8725	12/17/2018	10125	12/16/2019	11350	12/16/2020	9775
12/19/2016	8325	12/18/2017	8925	12/18/2018	10050	12/17/2019	11500	12/17/2020	9725
12/20/2016	8175	12/19/2017	8875	12/19/2018	10200	12/18/2019	11500	12/18/2020	9700
12/21/2016	7925	12/20/2017	8925	12/20/2018	10475	12/19/2019	11425	12/21/2020	9775



12/22/2016	7775	12/21/2017	9075	12/21/2018	10525	12/20/2019	11525	12/22/2020	9600
12/23/2016	7550	12/22/2017	9000	12/24/2018	10525	12/23/2019	11400	12/23/2020	9525
12/27/2016	7950	12/25/2017	9000	12/25/2018	10525	12/26/2019	11275	12/28/2020	9475
12/28/2016	8325	12/26/2017	9000	12/26/2018	10250	12/27/2019	11175	12/29/2020	9300
12/29/2016	8625	12/27/2017	9000	12/27/2018	10700	12/30/2019	11150	12/30/2020	9575
12/30/2016	8575	12/28/2017	8900	12/28/2018	10450				
		12/29/2017	8900						

INCO									
2016		2017		2018		2019		2020	
Tanggal	P	Tanggal	P	Tanggal	P	Tanggal	P	Tanggal	P
12/1/2016	3470	12/1/2017	2760	12/3/2018	3330	12/2/2019	3110	12/1/2020	4650
12/2/2016	3380	12/4/2017	2790	12/4/2018	3260	12/3/2019	3060	12/2/2020	4890
12/5/2016	3430	12/5/2017	2690	12/5/2018	3180	12/4/2019	3060	12/3/2020	4970
12/6/2016	3370	12/6/2017	2680	12/6/2018	3070	12/5/2019	3110	12/4/2020	4970
12/7/2016	3370	12/7/2017	2700	12/7/2018	3080	12/6/2019	3170	12/7/2020	5100
12/8/2016	3240	12/8/2017	2690	12/10/2018	3090	12/9/2019	3160	12/8/2020	5025
12/9/2016	3310	12/11/2017	2610	12/11/2018	3070	12/10/2019	3200	12/10/2020	5025
12/13/2016	3250	12/12/2017	2680	12/12/2018	3040	12/11/2019	3260	12/11/2020	5225
12/14/2016	3240	12/13/2017	2850	12/13/2018	3170	12/12/2019	3360	12/14/2020	5275
12/15/2016	3250	12/14/2017	2820	12/14/2018	3080	12/13/2019	3490	12/15/2020	5250
12/16/2016	3240	12/15/2017	2850	12/17/2018	3030	12/16/2019	3610	12/16/2020	5500
12/19/2016	3060	12/18/2017	2900	12/18/2018	3040	12/17/2019	3610	12/17/2020	5400
12/20/2016	2880	12/19/2017	2920	12/19/2018	3170	12/18/2019	3450	12/18/2020	5375
12/21/2016	2820	12/20/2017	2850	12/20/2018	3170	12/19/2019	3470	12/21/2020	5400
12/22/2016	2700	12/21/2017	2840	12/21/2018	3150	12/20/2019	3570	12/22/2020	5100
12/23/2016	2720	12/22/2017	2800	12/24/2018	3150	12/23/2019	3610	12/23/2020	5075
12/27/2016	2680	12/25/2017	2800	12/25/2018	3150	12/26/2019	3580	12/28/2020	5350
12/28/2016	2770	12/26/2017	2800	12/26/2018	3110	12/27/2019	3530	12/29/2020	5200
12/29/2016	2840	12/27/2017	2830	12/27/2018	3230	12/30/2019	3640	12/30/2020	5100
12/30/2016	2820	12/28/2017	2830	12/28/2018	3260				
		12/29/2017	2890						

INDF				
2016	2017	2018	2019	2020

Tanggal	P	Tanggal	P	Tanggal	P	Tanggal	P	Tanggal	P
12/1/2016	7700	12/1/2017	7325	12/3/2018	6650	12/2/2019	8000	12/1/2020	7100
12/2/2016	7450	12/4/2017	7300	12/4/2018	6625	12/3/2019	7950	12/2/2020	7150
12/5/2016	7525	12/5/2017	7300	12/5/2018	6575	12/4/2019	7850	12/3/2020	7050
12/6/2016	7500	12/6/2017	7325	12/6/2018	6675	12/5/2019	7875	12/4/2020	7025
12/7/2016	7875	12/7/2017	7325	12/7/2018	6700	12/6/2019	8000	12/7/2020	7100
12/8/2016	8100	12/8/2017	7375	12/10/2018	6525	12/9/2019	8025	12/8/2020	7000
12/9/2016	8050	12/11/2017	7375	12/11/2018	6575	12/10/2019	7950	12/10/2020	6975
12/13/2016	8125	12/12/2017	7350	12/12/2018	6725	12/11/2019	7850	12/11/2020	6925
12/14/2016	7975	12/13/2017	7475	12/13/2018	6900	12/12/2019	7625	12/14/2020	7025
12/15/2016	7975	12/14/2017	7525	12/14/2018	7075	12/13/2019	7750	12/15/2020	6900
12/16/2016	7750	12/15/2017	7450	12/17/2018	6975	12/16/2019	7875	12/16/2020	6900
12/19/2016	7700	12/18/2017	7500	12/18/2018	7075	12/17/2019	7950	12/17/2020	6850
12/20/2016	7625	12/19/2017	7650	12/19/2018	7300	12/18/2019	7950	12/18/2020	6825
12/21/2016	7375	12/20/2017	7550	12/20/2018	7350	12/19/2019	7925	12/21/2020	7050
12/22/2016	7250	12/21/2017	7600	12/21/2018	7500	12/20/2019	7925	12/22/2020	6825
12/23/2016	7275	12/22/2017	7625	12/24/2018	7500	12/23/2019	7950	12/23/2020	6800
12/27/2016	7650	12/25/2017	7625	12/25/2018	7500	12/26/2019	7800	12/28/2020	6925
12/28/2016	7625	12/26/2017	7625	12/26/2018	7375	12/27/2019	7925	12/29/2020	6825
12/29/2016	7850	12/27/2017	7625	12/27/2018	7450	12/30/2019	7925	12/30/2020	6850
12/30/2016	7925	12/28/2017	7700	12/28/2018	7450				
		12/29/2017	7625						

KLB									
2016		2017		2018		2019		2020	
Tanggal	P	Tanggal	P	Tanggal	P	Tanggal	P	Tanggal	P
12/1/2016	1590	12/1/2017	1600	12/3/2018	1555	12/2/2019	1570	12/1/2020	1485
12/2/2016	1540	12/4/2017	1610	12/4/2018	1600	12/3/2019	1600	12/2/2020	1495
12/5/2016	1525	12/5/2017	1610	12/5/2018	1610	12/4/2019	1570	12/3/2020	1465
12/6/2016	1570	12/6/2017	1645	12/6/2018	1630	12/5/2019	1565	12/4/2020	1475
12/7/2016	1570	12/7/2017	1655	12/7/2018	1635	12/6/2019	1570	12/7/2020	1485
12/8/2016	1585	12/8/2017	1675	12/10/2018	1580	12/9/2019	1565	12/8/2020	1475
12/9/2016	1575	12/11/2017	1640	12/11/2018	1505	12/10/2019	1570	12/10/2020	1480
12/13/2016	1545	12/12/2017	1655	12/12/2018	1475	12/11/2019	1565	12/11/2020	1465
12/14/2016	1535	12/13/2017	1660	12/13/2018	1500	12/12/2019	1570	12/14/2020	1485
12/15/2016	1530	12/14/2017	1695	12/14/2018	1490	12/13/2019	1600	12/15/2020	1485
12/16/2016	1530	12/15/2017	1665	12/17/2018	1475	12/16/2019	1575	12/16/2020	1545

12/19/2016	1460	12/18/2017	1685	12/18/2018	1460	12/17/2019	1635	12/17/2020	1540
12/20/2016	1465	12/19/2017	1685	12/19/2018	1490	12/18/2019	1635	12/18/2020	1540
12/21/2016	1455	12/20/2017	1675	12/20/2018	1530	12/19/2019	1610	12/21/2020	1545
12/22/2016	1430	12/21/2017	1645	12/21/2018	1545	12/20/2019	1610	12/22/2020	1505
12/23/2016	1440	12/22/2017	1650	12/24/2018	1545	12/23/2019	1625	12/23/2020	1465
12/27/2016	1465	12/25/2017	1650	12/25/2018	1545	12/26/2019	1595	12/28/2020	1500
12/28/2016	1535	12/26/2017	1650	12/26/2018	1510	12/27/2019	1615	12/29/2020	1490
12/29/2016	1555	12/27/2017	1685	12/27/2018	1525	12/30/2019	1620	12/30/2020	1480
12/30/2016	1515	12/28/2017	1685	12/28/2018	1520				
		12/29/2017	1690						

PTBA									
2016		2017		2018		2019		2020	
Tanggal	P	Tanggal	P	Tanggal	P	Tanggal	P	Tanggal	P
12/1/2016	2425	12/1/2017	2250	12/3/2018	3960	12/2/2019	2530	12/1/2020	2430
12/2/2016	2460	12/4/2017	2295	12/4/2018	4000	12/3/2019	2500	12/2/2020	2450
12/5/2016	2695	12/5/2017	2240	12/5/2018	3950	12/4/2019	2460	12/3/2020	2440
12/6/2016	2610	12/6/2017	2220	12/6/2018	4080	12/5/2019	2560	12/4/2020	2480
12/7/2016	2555	12/7/2017	2190	12/7/2018	3990	12/6/2019	2550	12/7/2020	2680
12/8/2016	2520	12/8/2017	2210	12/10/2018	4020	12/9/2019	2590	12/8/2020	2820
12/9/2016	2540	12/11/2017	2185	12/11/2018	4280	12/10/2019	2550	12/10/2020	2800
12/13/2016	2525	12/12/2017	2200	12/12/2018	4310	12/11/2019	2520	12/11/2020	2810
12/14/2016	2520	12/13/2017	2240	12/13/2018	4500	12/12/2019	2470	12/14/2020	3050
12/15/2016	2540	12/14/2017	2240	12/14/2018	4460	12/13/2019	2580	12/15/2020	3070
12/16/2016	2500	12/15/2017	2280	12/17/2018	4390	12/16/2019	2690	12/16/2020	3170
12/19/2016	2460	12/18/2017	2260	12/18/2018	4230	12/17/2019	2650	12/17/2020	3040
12/20/2016	2420	12/19/2017	2460	12/19/2018	4220	12/18/2019	2670	12/18/2020	2980
12/21/2016	2435	12/20/2017	2460	12/20/2018	4270	12/19/2019	2650	12/21/2020	3040
12/22/2016	2435	12/21/2017	2550	12/21/2018	4230	12/20/2019	2600	12/22/2020	2880
12/23/2016	2360	12/22/2017	2520	12/24/2018	4230	12/23/2019	2610	12/23/2020	2820
12/27/2016	2420	12/25/2017	2520	12/25/2018	4230	12/26/2019	2640	12/28/2020	2850
12/28/2016	2430	12/26/2017	2520	12/26/2018	4290	12/27/2019	2650	12/29/2020	2890
12/29/2016	2500	12/27/2017	2510	12/27/2018	4290	12/30/2019	2660	12/30/2020	2810
12/30/2016	2500	12/28/2017	2500	12/28/2018	4300				
		12/29/2017	2460						

SMGR									
2016		2017		2018		2019		2020	
Tanggal	P	Tanggal	P	Tanggal	P	Tanggal	P	Tanggal	P
12/1/2016	9250	12/1/2017	9400	12/3/2018	11600	12/2/2019	11550	12/1/2020	12000
12/2/2016	9250	12/4/2017	9600	12/4/2018	11775	12/3/2019	11725	12/2/2020	11950
12/5/2016	9225	12/5/2017	9350	12/5/2018	11775	12/4/2019	11725	12/3/2020	12000
12/6/2016	9225	12/6/2017	9375	12/6/2018	11875	12/5/2019	12425	12/4/2020	11675
12/7/2016	9250	12/7/2017	9250	12/7/2018	11875	12/6/2019	12425	12/7/2020	11750
12/8/2016	9200	12/8/2017	9150	12/10/2018	11950	12/9/2019	12450	12/8/2020	11575
12/9/2016	9300	12/11/2017	9375	12/11/2018	11600	12/10/2019	12325	12/10/2020	11700
12/13/2016	9300	12/12/2017	9600	12/12/2018	11600	12/11/2019	11925	12/11/2020	11475
12/14/2016	9300	12/13/2017	9725	12/13/2018	11600	12/12/2019	12000	12/14/2020	12000
12/15/2016	8975	12/14/2017	9950	12/14/2018	11425	12/13/2019	12300	12/15/2020	12250
12/16/2016	9175	12/15/2017	9850	12/17/2018	11400	12/16/2019	12250	12/16/2020	12600
12/19/2016	9100	12/18/2017	9700	12/18/2018	11375	12/17/2019	12275	12/17/2020	12925
12/20/2016	8925	12/19/2017	9850	12/19/2018	11500	12/18/2019	12500	12/18/2020	12550
12/21/2016	9125	12/20/2017	9550	12/20/2018	11475	12/19/2019	12575	12/21/2020	12500
12/22/2016	8925	12/21/2017	9800	12/21/2018	11500	12/20/2019	12375	12/22/2020	12450
12/23/2016	9050	12/22/2017	9825	12/24/2018	11500	12/23/2019	12250	12/23/2020	12350
12/27/2016	9075	12/25/2017	9825	12/25/2018	11500	12/26/2019	12325	12/28/2020	12550
12/28/2016	9325	12/26/2017	9825	12/26/2018	11550	12/27/2019	12225	12/29/2020	12575
12/29/2016	9400	12/27/2017	10000	12/27/2018	11675	12/30/2019	12000	12/30/2020	12425
12/30/2016	9175	12/28/2017	10200	12/28/2018	11500				
		12/29/2017	9900						

TLKM									
2016		2017		2018		2019		2020	
Tanggal	P	Tanggal	P	Tanggal	P	Tanggal	P	Tanggal	P
12/1/2016	3860	12/1/2017	4150	12/3/2018	3700	12/2/2019	3950	12/1/2020	3240
12/2/2016	3910	12/4/2017	4200	12/4/2018	3780	12/3/2019	3920	12/2/2020	3330
12/5/2016	3960	12/5/2017	4200	12/5/2018	3770	12/4/2019	3990	12/3/2020	3300
12/6/2016	3910	12/6/2017	4200	12/6/2018	3710	12/5/2019	4060	12/4/2020	3250
12/7/2016	3850	12/7/2017	4200	12/7/2018	3670	12/6/2019	4100	12/7/2020	3330
12/8/2016	3940	12/8/2017	4140	12/10/2018	3680	12/9/2019	4070	12/8/2020	3300
12/9/2016	3960	12/11/2017	4140	12/11/2018	3620	12/10/2019	4040	12/10/2020	3260
12/13/2016	3970	12/12/2017	4170	12/12/2018	3650	12/11/2019	4050	12/11/2020	3280

12/14/2016	3920	12/13/2017	4200	12/13/2018	3750	12/12/2019	3950	12/14/2020	3320
12/15/2016	3910	12/14/2017	4250	12/14/2018	3730	12/13/2019	3990	12/15/2020	3450
12/16/2016	3820	12/15/2017	4230	12/17/2018	3710	12/16/2019	3970	12/16/2020	3610
12/19/2016	3800	12/18/2017	4240	12/18/2018	3740	12/17/2019	3980	12/17/2020	3540
12/20/2016	3730	12/19/2017	4190	12/19/2018	3810	12/18/2019	3990	12/18/2020	3510
12/21/2016	3780	12/20/2017	4160	12/20/2018	3740	12/19/2019	3900	12/21/2020	3520
12/22/2016	3750	12/21/2017	4250	12/21/2018	3760	12/20/2019	4020	12/22/2020	3360
12/23/2016	3690	12/22/2017	4300	12/24/2018	3760	12/23/2019	4020	12/23/2020	3320
12/27/2016	3730	12/25/2017	4300	12/25/2018	3760	12/26/2019	4000	12/28/2020	3430
12/28/2016	3830	12/26/2017	4300	12/26/2018	3730	12/27/2019	3990	12/29/2020	3420
12/29/2016	3940	12/27/2017	4300	12/27/2018	3750	12/30/2019	3970	12/30/2020	3310
12/30/2016	3980	12/28/2017	4390	12/28/2018	3750				
		12/29/2017	4440						

UNTR									
2016		2017		2018		2019		2020	
Tanggal	P	Tanggal	P	Tanggal	P	Tanggal	P	Tanggal	P
12/1/2016	22250	12/1/2017	33500	12/3/2018	28600	12/2/2019	21725	12/1/2020	24175
12/2/2016	22975	12/4/2017	33000	12/4/2018	29825	12/3/2019	21150	12/2/2020	26000
12/5/2016	23500	12/5/2017	32725	12/5/2018	29725	12/4/2019	20700	12/3/2020	26100
12/6/2016	23250	12/6/2017	32675	12/6/2018	29000	12/5/2019	20800	12/4/2020	26500
12/7/2016	23025	12/7/2017	33000	12/7/2018	29375	12/6/2019	21325	12/7/2020	26975
12/8/2016	22600	12/8/2017	32900	12/10/2018	29750	12/9/2019	21350	12/8/2020	26775
12/9/2016	22800	12/11/2017	32450	12/11/2018	29075	12/10/2019	21300	12/10/2020	26025
12/13/2016	22475	12/12/2017	32000	12/12/2018	29300	12/11/2019	20800	12/11/2020	26150
12/14/2016	22325	12/13/2017	33100	12/13/2018	29300	12/12/2019	20450	12/14/2020	27400
12/15/2016	22550	12/14/2017	33375	12/14/2018	29425	12/13/2019	21175	12/15/2020	26575
12/16/2016	21975	12/15/2017	33050	12/17/2018	28700	12/16/2019	22000	12/16/2020	27175
12/19/2016	21100	12/18/2017	33100	12/18/2018	29125	12/17/2019	22375	12/17/2020	27125
12/20/2016	20700	12/19/2017	33400	12/19/2018	28650	12/18/2019	21800	12/18/2020	26625
12/21/2016	20150	12/20/2017	32825	12/20/2018	28825	12/19/2019	21725	12/21/2020	28275
12/22/2016	19525	12/21/2017	33725	12/21/2018	27950	12/20/2019	21250	12/22/2020	26450
12/23/2016	19675	12/22/2017	34250	12/24/2018	27950	12/23/2019	21200	12/23/2020	26075
12/27/2016	20050	12/25/2017	34250	12/25/2018	27950	12/26/2019	21625	12/28/2020	26925
12/28/2016	20775	12/26/2017	34250	12/26/2018	27150	12/27/2019	21675	12/29/2020	26500
12/29/2016	20950	12/27/2017	34575	12/27/2018	27600	12/30/2019	21525	12/30/2020	26600
12/30/2016	21250	12/28/2017	34600	12/28/2018	27350				

		12/29/2017	35400					
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UNVR									
2016		2017		2018		2019		2020	
Tanggal	P	Tanggal	P	Tanggal	P	Tanggal	P	Tanggal	P
12/1/2016	8385	12/1/2017	9860	12/3/2018	8760	12/2/2019	8570	12/1/2020	7700
12/2/2016	8480	12/4/2017	9860	12/4/2018	8800	12/3/2019	8535	12/2/2020	7650
12/5/2016	8445	12/5/2017	9930	12/5/2018	8750	12/4/2019	8400	12/3/2020	7550
12/6/2016	8360	12/6/2017	9930	12/6/2018	8840	12/5/2019	8430	12/4/2020	7600
12/7/2016	8265	12/7/2017	10060	12/7/2018	8800	12/6/2019	8450	12/7/2020	7675
12/8/2016	8290	12/8/2017	10180	12/10/2018	8790	12/9/2019	8455	12/8/2020	7625
12/9/2016	8290	12/11/2017	10200	12/11/2018	8735	12/10/2019	8435	12/10/2020	7550
12/13/2016	8145	12/12/2017	10220	12/12/2018	8800	12/11/2019	8420	12/11/2020	7475
12/14/2016	8010	12/13/2017	10200	12/13/2018	8885	12/12/2019	8200	12/14/2020	7500
12/15/2016	8030	12/14/2017	10200	12/14/2018	8900	12/13/2019	8245	12/15/2020	7475
12/16/2016	7995	12/15/2017	10425	12/17/2018	8700	12/16/2019	8180	12/16/2020	7500
12/19/2016	7970	12/18/2017	10595	12/18/2018	8790	12/17/2019	8195	12/17/2020	7425
12/20/2016	7930	12/19/2017	10820	12/19/2018	9000	12/18/2019	8185	12/18/2020	7600
12/21/2016	7700	12/20/2017	10600	12/20/2018	9050	12/19/2019	8140	12/21/2020	7625
12/22/2016	7595	12/21/2017	10710	12/21/2018	9320	12/20/2019	8325	12/22/2020	7475
12/23/2016	7575	12/22/2017	10825	12/24/2018	9320	12/23/2019	8330	12/23/2020	7425
12/27/2016	7640	12/25/2017	10825	12/25/2018	9320	12/26/2019	8490	12/28/2020	7450
12/28/2016	7860	12/26/2017	10825	12/26/2018	9105	12/27/2019	8560	12/29/2020	7350
12/29/2016	8000	12/27/2017	10825	12/27/2018	9320	12/30/2019	8400	12/30/2020	7350
12/30/2016	7760	12/28/2017	10880	12/28/2018	9080				
		12/29/2017	11180						

WIKI									
2016		2017		2018		2019		2020	
Tanggal	P	Tanggal	P	Tanggal	P	Tanggal	P	Tanggal	P
12/1/2016	2410	12/1/2017	1805	12/3/2018	1560	12/2/2019	1800	12/1/2020	1675
12/2/2016	2450	12/4/2017	1730	12/4/2018	1530	12/3/2019	1810	12/2/2020	1855
12/5/2016	2460	12/5/2017	1665	12/5/2018	1505	12/4/2019	1800	12/3/2020	1875
12/6/2016	2400	12/6/2017	1600	12/6/2018	1510	12/5/2019	1900	12/4/2020	1825
12/7/2016	2380	12/7/2017	1645	12/7/2018	1590	12/6/2019	2000	12/7/2020	1855

12/8/2016	2570	12/8/2017	1610	12/10/2018	1590	12/9/2019	2060	12/8/2020	1790
12/9/2016	2510	12/11/2017	1570	12/11/2018	1580	12/10/2019	2000	12/10/2020	1770
12/13/2016	2480	12/12/2017	1505	12/12/2018	1675	12/11/2019	1985	12/11/2020	1785
12/14/2016	2430	12/13/2017	1505	12/13/2018	1675	12/12/2019	2010	12/14/2020	1820
12/15/2016	2530	12/14/2017	1575	12/14/2018	1705	12/13/2019	2050	12/15/2020	1810
12/16/2016	2500	12/15/2017	1590	12/17/2018	1675	12/16/2019	2030	12/16/2020	1805
12/19/2016	2440	12/18/2017	1605	12/18/2018	1715	12/17/2019	2000	12/17/2020	1945
12/20/2016	2410	12/19/2017	1605	12/19/2018	1720	12/18/2019	2000	12/18/2020	1980
12/21/2016	2400	12/20/2017	1580	12/20/2018	1700	12/19/2019	2010	12/21/2020	2080
12/22/2016	2320	12/21/2017	1580	12/21/2018	1720	12/20/2019	1980	12/22/2020	1935
12/23/2016	2290	12/22/2017	1560	12/24/2018	1720	12/23/2019	1965	12/23/2020	1980
12/27/2016	2370	12/25/2017	1560	12/25/2018	1720	12/26/2019	1990	12/28/2020	2010
12/28/2016	2420	12/26/2017	1560	12/26/2018	1690	12/27/2019	2010	12/29/2020	2020
12/29/2016	2430	12/27/2017	1545	12/27/2018	1670	12/30/2019	1990	12/30/2020	1985
12/30/2016	2360	12/28/2017	1535	12/28/2018	1655				
		12/29/2017	1550						

WIKA									
2016		2017		2018		2019		2020	
Tanggal	P	Tanggal	P	Tanggal	P	Tanggal	P	Tanggal	P
12/1/2016	2410	12/1/2017	1805	12/3/2018	1560	12/2/2019	1800	12/1/2020	1675
12/2/2016	2450	12/4/2017	1730	12/4/2018	1530	12/3/2019	1810	12/2/2020	1855
12/5/2016	2460	12/5/2017	1665	12/5/2018	1505	12/4/2019	1800	12/3/2020	1875
12/6/2016	2400	12/6/2017	1600	12/6/2018	1510	12/5/2019	1900	12/4/2020	1825
12/7/2016	2380	12/7/2017	1645	12/7/2018	1590	12/6/2019	2000	12/7/2020	1855
12/8/2016	2570	12/8/2017	1610	12/10/2018	1590	12/9/2019	2060	12/8/2020	1790
12/9/2016	2510	12/11/2017	1570	12/11/2018	1580	12/10/2019	2000	12/10/2020	1770
12/13/2016	2480	12/12/2017	1505	12/12/2018	1675	12/11/2019	1985	12/11/2020	1785
12/14/2016	2430	12/13/2017	1505	12/13/2018	1675	12/12/2019	2010	12/14/2020	1820
12/15/2016	2530	12/14/2017	1575	12/14/2018	1705	12/13/2019	2050	12/15/2020	1810
12/16/2016	2500	12/15/2017	1590	12/17/2018	1675	12/16/2019	2030	12/16/2020	1805
12/19/2016	2440	12/18/2017	1605	12/18/2018	1715	12/17/2019	2000	12/17/2020	1945
12/20/2016	2410	12/19/2017	1605	12/19/2018	1720	12/18/2019	2000	12/18/2020	1980
12/21/2016	2400	12/20/2017	1580	12/20/2018	1700	12/19/2019	2010	12/21/2020	2080
12/22/2016	2320	12/21/2017	1580	12/21/2018	1720	12/20/2019	1980	12/22/2020	1935
12/23/2016	2290	12/22/2017	1560	12/24/2018	1720	12/23/2019	1965	12/23/2020	1980
12/27/2016	2370	12/25/2017	1560	12/25/2018	1720	12/26/2019	1990	12/28/2020	2010

12/28/2016	2420	12/26/2017	1560	12/26/2018	1690	12/27/2019	2010	12/29/2020	2020
12/29/2016	2430	12/27/2017	1545	12/27/2018	1670	12/30/2019	1990	12/30/2020	1985
12/30/2016	2360	12/28/2017	1535	12/28/2018	1655				
		12/29/2017	1550						

BSDE									
2016		2017		2018		2019		2020	
Tanggal	P	Tanggal	P	Tanggal	P	Tanggal	P	Tanggal	P
FF	1775	12/1/2017	1650	12/3/2018	1365	12/2/2019	1250	12/1/2020	1070
12/2/2016	1810	12/4/2017	1630	12/4/2018	1350	12/3/2019	1245	12/2/2020	1090
12/5/2016	1850	12/5/2017	1560	12/5/2018	1315	12/4/2019	1220	12/3/2020	1075
12/6/2016	1865	12/6/2017	1590	12/6/2018	1300	12/5/2019	1225	12/4/2020	1060
12/7/2016	1835	12/7/2017	1610	12/7/2018	1345	12/6/2019	1255	12/7/2020	1075
12/8/2016	1835	12/8/2017	1630	12/10/2018	1310	12/9/2019	1280	12/8/2020	1065
12/9/2016	1815	12/11/2017	1585	12/11/2018	1290	12/10/2019	1280	12/10/2020	1105
12/13/2016	1780	12/12/2017	1600	12/12/2018	1285	12/11/2019	1275	12/11/2020	1115
12/14/2016	1770	12/13/2017	1610	12/13/2018	1310	12/12/2019	1265	12/14/2020	1085
12/15/2016	1750	12/14/2017	1635	12/14/2018	1320	12/13/2019	1255	12/15/2020	1090
12/16/2016	1760	12/15/2017	1680	12/17/2018	1255	12/16/2019	1245	12/16/2020	1150
12/19/2016	1725	12/18/2017	1670	12/18/2018	1240	12/17/2019	1240	12/17/2020	1220
12/20/2016	1745	12/19/2017	1720	12/19/2018	1260	12/18/2019	1260	12/18/2020	1300
12/21/2016	1710	12/20/2017	1660	12/20/2018	1250	12/19/2019	1265	12/21/2020	1315
12/22/2016	1660	12/21/2017	1685	12/21/2018	1230	12/20/2019	1280	12/22/2020	1240
12/23/2016	1600	12/22/2017	1690	12/24/2018	1230	12/23/2019	1270	12/23/2020	1275
12/27/2016	1625	12/25/2017	1690	12/25/2018	1230	12/26/2019	1285	12/28/2020	1275
12/28/2016	1705	12/26/2017	1690	12/26/2018	1210	12/27/2019	1275	12/29/2020	1260
12/29/2016	1725	12/27/2017	1690	12/27/2018	1255	12/30/2019	1255	12/30/2020	1225
12/30/2016	1755	12/28/2017	1690	12/28/2018	1255				
		12/29/2017	1700						

INTP									
2016		2017		2018		2019		2020	
Tanggal	P	Tanggal	P	Tanggal	P	Tanggal	P	Tanggal	P
12/1/2016	15600	12/1/2017	18425	12/3/2018	20000	12/2/2019	20175	12/1/2020	15025
12/2/2016	15575	12/4/2017	18800	12/4/2018	19675	12/3/2019	20500	12/2/2020	14800



12/5/2016	15950	12/5/2017	18850	12/5/2018	19850	12/4/2019	20275	12/3/2020	14550
12/6/2016	15925	12/6/2017	18950	12/6/2018	20050	12/5/2019	20550	12/4/2020	14300
12/7/2016	15875	12/7/2017	18950	12/7/2018	20700	12/6/2019	20700	12/7/2020	14875
12/8/2016	15975	12/8/2017	19400	12/10/2018	20750	12/9/2019	20550	12/8/2020	14425
12/9/2016	16250	12/11/2017	19150	12/11/2018	19675	12/10/2019	20100	12/10/2020	14525
12/13/2016	16800	12/12/2017	19200	12/12/2018	19750	12/11/2019	19525	12/11/2020	14425
12/14/2016	16600	12/13/2017	19625	12/13/2018	19675	12/12/2019	19500	12/14/2020	14525
12/15/2016	16150	12/14/2017	21175	12/14/2018	19575	12/13/2019	20000	12/15/2020	14250
12/16/2016	16375	12/15/2017	20825	12/17/2018	19350	12/16/2019	19800	12/16/2020	14850
12/19/2016	15650	12/18/2017	20625	12/18/2018	19025	12/17/2019	20025	12/17/2020	15025
12/20/2016	15525	12/19/2017	20025	12/19/2018	19450	12/18/2019	20000	12/18/2020	14825
12/21/2016	15400	12/20/2017	19400	12/20/2018	19450	12/19/2019	19775	12/21/2020	14775
12/22/2016	15000	12/21/2017	20200	12/21/2018	18825	12/20/2019	20000	12/22/2020	14050
12/23/2016	14800	12/22/2017	20200	12/24/2018	18825	12/23/2019	19775	12/23/2020	14025
12/27/2016	14800	12/25/2017	20200	12/25/2018	18825	12/26/2019	19775	12/28/2020	14500
12/28/2016	15300	12/26/2017	20200	12/26/2018	18050	12/27/2019	19775	12/29/2020	14400
12/29/2016	15475	12/27/2017	20550	12/27/2018	18500	12/30/2019	19025	12/30/2020	14475
12/30/2016	15400	12/28/2017	21550	12/28/2018	18450				
		12/29/2017	21950						

LPPF									
2016		2017		2018		2019		2020	
Tanggal	P	Tanggal	P	Tanggal	P	Tanggal	P	Tanggal	P
12/1/2016	14375	12/1/2017	10600	12/3/2018	5475	12/2/2019	3570	12/1/2020	1250
12/2/2016	14950	12/4/2017	10500	12/4/2018	5325	12/3/2019	3750	12/2/2020	1250
12/5/2016	14450	12/5/2017	9775	12/5/2018	5200	12/4/2019	3650	12/3/2020	1265
12/6/2016	14700	12/6/2017	10100	12/6/2018	4980	12/5/2019	3740	12/4/2020	1270
12/7/2016	15200	12/7/2017	10275	12/7/2018	4920	12/6/2019	3760	12/7/2020	1350
12/8/2016	15700	12/8/2017	10000	12/10/2018	5175	12/9/2019	3620	12/8/2020	1410
12/9/2016	15400	12/11/2017	9850	12/11/2018	5500	12/10/2019	3670	12/10/2020	1435
12/13/2016	14800	12/12/2017	9650	12/12/2018	5575	12/11/2019	3660	12/11/2020	1400
12/14/2016	14425	12/13/2017	10250	12/13/2018	5625	12/12/2019	3710	12/14/2020	1415
12/15/2016	14400	12/14/2017	11300	12/14/2018	5625	12/13/2019	3700	12/15/2020	1370
12/16/2016	14500	12/15/2017	10950	12/17/2018	5825	12/16/2019	3810	12/16/2020	1370
12/19/2016	14950	12/18/2017	11100	12/18/2018	5825	12/17/2019	3790	12/17/2020	1420
12/20/2016	14475	12/19/2017	10975	12/19/2018	5900	12/18/2019	3870	12/18/2020	1420
12/21/2016	14500	12/20/2017	10600	12/20/2018	5800	12/19/2019	3970	12/21/2020	1405

12/22/2016	14450	12/21/2017	10875	12/21/2018	5825	12/20/2019	4370	12/22/2020	1365
12/23/2016	14275	12/22/2017	10875	12/24/2018	5825	12/23/2019	4250	12/23/2020	1350
12/27/2016	14025	12/25/2017	10875	12/25/2018	5825	12/26/2019	4210	12/28/2020	1355
12/28/2016	14725	12/26/2017	10875	12/26/2018	5825	12/27/2019	4210	12/29/2020	1325
12/29/2016	15100	12/27/2017	11050	12/27/2018	6100	12/30/2019	4210	12/30/2020	1275
12/30/2016	15125	12/28/2017	11000	12/28/2018	5600				
		12/29/2017	10000						

PGAS									
2016		2017		2018		2019		2020	
Tanggal	P	Tanggal	P	Tanggal	P	Tanggal	P	Tanggal	P
12/1/2016	2710	12/1/2017	1700	12/3/2018	1970	12/2/2019	2000	12/1/2020	1390
12/2/2016	2710	12/4/2017	1650	12/4/2018	2090	12/3/2019	2060	12/2/2020	1440
12/5/2016	2750	12/5/2017	1635	12/5/2018	2060	12/4/2019	2090	12/3/2020	1455
12/6/2016	2830	12/6/2017	1580	12/6/2018	2140	12/5/2019	2200	12/4/2020	1450
12/7/2016	2790	12/7/2017	1620	12/7/2018	2130	12/6/2019	2140	12/7/2020	1465
12/8/2016	2840	12/8/2017	1675	12/10/2018	2090	12/9/2019	2140	12/8/2020	1690
12/9/2016	2840	12/11/2017	1650	12/11/2018	2060	12/10/2019	2100	12/10/2020	1670
12/13/2016	2920	12/12/2017	1690	12/12/2018	2130	12/11/2019	2160	12/11/2020	1655
12/14/2016	2880	12/13/2017	1715	12/13/2018	2150	12/12/2019	2110	12/14/2020	1715
12/15/2016	2800	12/14/2017	1760	12/14/2018	2100	12/13/2019	2130	12/15/2020	1790
12/16/2016	2730	12/15/2017	1800	12/17/2018	2060	12/16/2019	2130	12/16/2020	1810
12/19/2016	2690	12/18/2017	1765	12/18/2018	2070	12/17/2019	2140	12/17/2020	1790
12/20/2016	2640	12/19/2017	1765	12/19/2018	2080	12/18/2019	2160	12/18/2020	1790
12/21/2016	2580	12/20/2017	1755	12/20/2018	2090	12/19/2019	2160	12/21/2020	1795
12/22/2016	2480	12/21/2017	1715	12/21/2018	2160	12/20/2019	2190	12/22/2020	1680
12/23/2016	2520	12/22/2017	1740	12/24/2018	2160	12/23/2019	2170	12/23/2020	1650
12/27/2016	2530	12/25/2017	1740	12/25/2018	2160	12/26/2019	2190	12/28/2020	1770
12/28/2016	2640	12/26/2017	1740	12/26/2018	2090	12/27/2019	2250	12/29/2020	1725
12/29/2016	2760	12/27/2017	1755	12/27/2018	2120	12/30/2019	2170	12/30/2020	1655
12/30/2016	2700	12/28/2017	1730	12/28/2018	2120				
		12/29/2017	1750						

PTPP				
2016	2017	2018	2019	2020

Tanggal	P	Tanggal	P	Tanggal	P	Tanggal	P	Tanggal	P
12/1/2016	3991.997	12/1/2017	2570	12/3/2018	1980	12/2/2019	1405	12/1/2020	1395
12/2/2016	3910	12/4/2017	2580	12/4/2018	1920	12/3/2019	1405	12/2/2020	1520
12/5/2016	3900	12/5/2017	2490	12/5/2018	1880	12/4/2019	1415	12/3/2020	1595
12/6/2016	3960	12/6/2017	2400	12/6/2018	1870	12/5/2019	1460	12/4/2020	1600
12/7/2016	3970	12/7/2017	2450	12/7/2018	1935	12/6/2019	1575	12/7/2020	1665
12/8/2016	3990	12/8/2017	2440	12/10/2018	1935	12/9/2019	1675	12/8/2020	1605
12/9/2016	3970	12/11/2017	2390	12/11/2018	1900	12/10/2019	1615	12/10/2020	1585
12/13/2016	3940	12/12/2017	2410	12/12/2018	2020	12/11/2019	1620	12/11/2020	1565
12/14/2016	3890	12/13/2017	2490	12/13/2018	2020	12/12/2019	1635	12/14/2020	1610
12/15/2016	3820	12/14/2017	2620	12/14/2018	1995	12/13/2019	1650	12/15/2020	1580
12/16/2016	3880	12/15/2017	2690	12/17/2018	1965	12/16/2019	1635	12/16/2020	1570
12/19/2016	3840	12/18/2017	2670	12/18/2018	1960	12/17/2019	1620	12/17/2020	1705
12/20/2016	3680	12/19/2017	2650	12/19/2018	1955	12/18/2019	1650	12/18/2020	1770
12/21/2016	3740	12/20/2017	2590	12/20/2018	1905	12/19/2019	1650	12/21/2020	1920
12/22/2016	3600	12/21/2017	2580	12/21/2018	1895	12/20/2019	1635	12/22/2020	1795
12/23/2016	3540	12/22/2017	2590	12/24/2018	1895	12/23/2019	1630	12/23/2020	1780
12/27/2016	3580	12/25/2017	2590	12/25/2018	1895	12/26/2019	1600	12/28/2020	1780
12/28/2016	3730	12/26/2017	2590	12/26/2018	1800	12/27/2019	1595	12/29/2020	1845
12/29/2016	3850	12/27/2017	2530	12/27/2018	1820	12/30/2019	1585	12/30/2020	1865
12/30/2016	3810	12/28/2017	2570	12/28/2018	1805				
		12/29/2017	2640	12/31/2018	1805				

SCMA									
2016		2017		2018		2019		2020	
Tanggal	P	Tanggal	P	Tanggal	P	Tanggal	P	Tanggal	P
12/1/2016	2500	12/1/2017	2200	12/3/2018	1910	12/2/2019	1220	12/1/2020	1585
12/2/2016	2580	12/4/2017	2200	12/4/2018	1910	12/3/2019	1215	12/2/2020	1615
12/5/2016	2500	12/5/2017	2330	12/5/2018	1925	12/4/2019	1215	12/3/2020	1620
12/6/2016	2500	12/6/2017	2450	12/6/2018	1840	12/5/2019	1250	12/4/2020	1620
12/7/2016	2500	12/7/2017	2500	12/7/2018	1900	12/6/2019	1300	12/7/2020	1645
12/8/2016	2540	12/8/2017	2450	12/10/2018	1900	12/9/2019	1400	12/8/2020	1740
12/9/2016	2540	12/11/2017	2440	12/11/2018	1925	12/10/2019	1450	12/10/2020	1795
12/13/2016	2550	12/12/2017	2400	12/12/2018	1960	12/11/2019	1435	12/11/2020	1780
12/14/2016	2550	12/13/2017	2400	12/13/2018	1940	12/12/2019	1400	12/14/2020	1875
12/15/2016	2540	12/14/2017	2480	12/14/2018	1910	12/13/2019	1445	12/15/2020	1945
12/16/2016	2600	12/15/2017	2370	12/17/2018	1910	12/16/2019	1440	12/16/2020	2170

12/19/2016	2510	12/18/2017	2380	12/18/2018	1895	12/17/2019	1430	12/17/2020	2060
12/20/2016	2520	12/19/2017	2470	12/19/2018	1900	12/18/2019	1400	12/18/2020	2150
12/21/2016	2520	12/20/2017	2450	12/20/2018	1895	12/19/2019	1400	12/21/2020	2320
12/22/2016	2560	12/21/2017	2430	12/21/2018	1890	12/20/2019	1400	12/22/2020	2160
12/23/2016	2760	12/22/2017	2480	12/24/2018	1890	12/23/2019	1395	12/23/2020	2220
12/27/2016	2790	12/25/2017	2480	12/25/2018	1890	12/26/2019	1410	12/28/2020	2270
12/28/2016	2800	12/26/2017	2480	12/26/2018	1805	12/27/2019	1445	12/29/2020	2240
12/29/2016	2800	12/27/2017	2530	12/27/2018	1860	12/30/2019	1410	12/30/2020	2290
12/30/2016	2800	12/28/2017	2460	12/28/2018	1870				
		12/29/2017	2480	12/31/2018	1870				

ANTM									
2016		2017		2018		2019		2020	
Tanggal	P	Tanggal	P	Tanggal	P	Tanggal	P	Tanggal	P
12/1/2016	955	12/1/2017	665	12/3/2018	735	12/2/2019	790	12/1/2020	1155
12/2/2016	965	12/4/2017	650	12/4/2018	710	12/3/2019	775	12/2/2020	1245
12/5/2016	965	12/5/2017	630	12/5/2018	740	12/4/2019	785	12/3/2020	1255
12/6/2016	960	12/6/2017	610	12/6/2018	735	12/5/2019	805	12/4/2020	1245
12/7/2016	960	12/7/2017	605	12/7/2018	725	12/6/2019	810	12/7/2020	1280
12/8/2016	950	12/8/2017	625	12/10/2018	720	12/9/2019	825	12/8/2020	1300
12/9/2016	945	12/11/2017	605	12/11/2018	755	12/10/2019	825	12/10/2020	1395
12/13/2016	900	12/12/2017	605	12/12/2018	755	12/11/2019	825	12/11/2020	1450
12/14/2016	880	12/13/2017	620	12/13/2018	765	12/12/2019	835	12/14/2020	1525
12/15/2016	895	12/14/2017	635	12/14/2018	755	12/13/2019	850	12/15/2020	1560
12/16/2016	885	12/15/2017	630	12/17/2018	730	12/16/2019	865	12/16/2020	1815
12/19/2016	870	12/18/2017	635	12/18/2018	750	12/17/2019	860	12/17/2020	1815
12/20/2016	865	12/19/2017	645	12/19/2018	760	12/18/2019	830	12/18/2020	1950
12/21/2016	885	12/20/2017	630	12/20/2018	765	12/19/2019	835	12/21/2020	1965
12/22/2016	860	12/21/2017	625	12/21/2018	770	12/20/2019	830	12/22/2020	1835
12/23/2016	855	12/22/2017	630	12/24/2018	770	12/23/2019	825	12/23/2020	1790
12/27/2016	850	12/25/2017	630	12/25/2018	770	12/26/2019	840	12/28/2020	2000
12/28/2016	890	12/26/2017	630	12/26/2018	770	12/27/2019	835	12/29/2020	1945
12/29/2016	895	12/27/2017	635	12/27/2018	770	12/30/2019	840	12/30/2020	1935
12/30/2016	895	12/28/2017	620	12/28/2018	765				
		12/29/2017	625	12/31/2018	765				

CTRA									
2016		2017		2018		2019		2020	
Tanggal	P	Tanggal	P	Tanggal	P	Tanggal	P	Tanggal	P
12/1/2016	1380	12/1/2017	1225	12/3/2018	1100	12/2/2019	1020	12/1/2020	905
12/2/2016	1365	12/4/2017	1200	12/4/2018	1070	12/3/2019	1025	12/2/2020	935
12/5/2016	1360	12/5/2017	1180	12/5/2018	1050	12/4/2019	995	12/3/2020	925
12/6/2016	1370	12/6/2017	1165	12/6/2018	1025	12/5/2019	990	12/4/2020	910
12/7/2016	1360	12/7/2017	1160	12/7/2018	1085	12/6/2019	1000	12/7/2020	920
12/8/2016	1410	12/8/2017	1190	12/10/2018	1050	12/9/2019	1060	12/8/2020	890
12/9/2016	1415	12/11/2017	1175	12/11/2018	1020	12/10/2019	1060	12/10/2020	930
12/13/2016	1375	12/12/2017	1195	12/12/2018	1035	12/11/2019	1040	12/11/2020	915
12/14/2016	1355	12/13/2017	1195	12/13/2018	1035	12/12/2019	1050	12/14/2020	915
12/15/2016	1350	12/14/2017	1195	12/14/2018	1010	12/13/2019	1060	12/15/2020	880
12/16/2016	1365	12/15/2017	1170	12/17/2018	975	12/16/2019	1055	12/16/2020	900
12/19/2016	1350	12/18/2017	1175	12/18/2018	980	12/17/2019	1025	12/17/2020	960
12/20/2016	1330	12/19/2017	1185	12/19/2018	1010	12/18/2019	1065	12/18/2020	1070
12/21/2016	1300	12/20/2017	1165	12/20/2018	980	12/19/2019	1080	12/21/2020	1055
12/22/2016	1295	12/21/2017	1180	12/21/2018	995	12/20/2019	1085	12/22/2020	1005
12/23/2016	1250	12/22/2017	1175	12/24/2018	995	12/23/2019	1070	12/23/2020	1040
12/27/2016	1275	12/25/2017	1175	12/25/2018	995	12/26/2019	1060	12/28/2020	1035
12/28/2016	1330	12/26/2017	1175	12/26/2018	975	12/27/2019	1045	12/29/2020	1015
12/29/2016	1330	12/27/2017	1175	12/27/2018	995	12/30/2019	1040	12/30/2020	985
12/30/2016	1335	12/28/2017	1165	12/28/2018	1010				
		12/29/2017	1185	12/31/2018	1010				

EXCL									
2016		2017		2018		2019		2020	
Tanggal	P	Tanggal	P	Tanggal	P	Tanggal	P	Tanggal	P
12/1/2016	2220	12/1/2017	3080	12/3/2018	2020	12/2/2019	3390	12/1/2020	2450
12/2/2016	2260	12/4/2017	2960	12/4/2018	1980	12/3/2019	3420	12/2/2020	2460
12/5/2016	2270	12/5/2017	3010	12/5/2018	1890	12/4/2019	3410	12/3/2020	2420
12/6/2016	2280	12/6/2017	2980	12/6/2018	1950	12/5/2019	3350	12/4/2020	2450
12/7/2016	2280	12/7/2017	2950	12/7/2018	1960	12/6/2019	3400	12/7/2020	2520
12/8/2016	2380	12/8/2017	2940	12/10/2018	1915	12/9/2019	3270	12/8/2020	2480
12/9/2016	2380	12/11/2017	2900	12/11/2018	1880	12/10/2019	3300	12/10/2020	2420
12/13/2016	2380	12/12/2017	3070	12/12/2018	1915	12/11/2019	3300	12/11/2020	2460

12/14/2016	2340	12/13/2017	3090	12/13/2018	1945	12/12/2019	3260	12/14/2020	2620
12/15/2016	2270	12/14/2017	3050	12/14/2018	1920	12/13/2019	3240	12/15/2020	2700
12/16/2016	2310	12/15/2017	3000	12/17/2018	1910	12/16/2019	3210	12/16/2020	2900
12/19/2016	2330	12/18/2017	2990	12/18/2018	1935	12/17/2019	3310	12/17/2020	2790
12/20/2016	2350	12/19/2017	2950	12/19/2018	2040	12/18/2019	3330	12/18/2020	2790
12/21/2016	2220	12/20/2017	2840	12/20/2018	2010	12/19/2019	3220	12/21/2020	2900
12/22/2016	2240	12/21/2017	2880	12/21/2018	2050	12/20/2019	3320	12/22/2020	2760
12/23/2016	2250	12/22/2017	2880	12/24/2018	2050	12/23/2019	3310	12/23/2020	2710
12/27/2016	2250	12/25/2017	2880	12/25/2018	2050	12/26/2019	3260	12/28/2020	2810
12/28/2016	2290	12/26/2017	2880	12/26/2018	1940	12/27/2019	3250	12/29/2020	2850
12/29/2016	2350	12/27/2017	2890	12/27/2018	2000	12/30/2019	3150	12/30/2020	2730
12/30/2016	2310	12/28/2017	2970	12/28/2018	1980				
		12/29/2017	2960	12/31/2018	1980				

JSMR									
2016		2017		2018		2019		2020	
Tanggal	P	Tanggal	P	Tanggal	P	Tanggal	P	Tanggal	P
12/1/2016	4160	12/1/2017	6375	12/3/2018	4460	12/2/2019	5175	12/1/2020	4240
12/2/2016	4260	12/4/2017	6425	12/4/2018	4600	12/3/2019	5100	12/2/2020	4340
12/5/2016	4360	12/5/2017	6425	12/5/2018	4580	12/4/2019	5275	12/3/2020	4380
12/6/2016	4300	12/6/2017	6275	12/6/2018	4550	12/5/2019	5200	12/4/2020	4360
12/7/2016	4330	12/7/2017	6275	12/7/2018	4520	12/6/2019	5175	12/7/2020	4490
12/8/2016	4380	12/8/2017	6425	12/10/2018	4520	12/9/2019	5025	12/8/2020	4410
12/9/2016	4360	12/11/2017	6400	12/11/2018	4450	12/10/2019	5025	12/10/2020	4590
12/13/2016	4490	12/12/2017	6375	12/12/2018	4500	12/11/2019	5050	12/11/2020	4480
12/14/2016	4530	12/13/2017	6375	12/13/2018	4580	12/12/2019	5075	12/14/2020	4560
12/15/2016	4480	12/14/2017	6375	12/14/2018	4570	12/13/2019	5225	12/15/2020	4460
12/16/2016	4510	12/15/2017	6150	12/17/2018	4410	12/16/2019	5350	12/16/2020	4490
12/19/2016	4430	12/18/2017	6175	12/18/2018	4400	12/17/2019	5275	12/17/2020	4700
12/20/2016	4330	12/19/2017	6225	12/19/2018	4470	12/18/2019	5275	12/18/2020	4710
12/21/2016	4280	12/20/2017	6200	12/20/2018	4370	12/19/2019	5300	12/21/2020	4750
12/22/2016	4130	12/21/2017	6300	12/21/2018	4320	12/20/2019	5300	12/22/2020	4700
12/23/2016	4170	12/22/2017	6300	12/24/2018	4320	12/23/2019	5375	12/23/2020	4710
12/27/2016	4140	12/25/2017	6300	12/25/2018	4320	12/26/2019	5300	12/28/2020	4720
12/28/2016	4280	12/26/2017	6300	12/26/2018	4280	12/27/2019	5300	12/29/2020	4700
12/29/2016	4350	12/27/2017	6325	12/27/2018	4300	12/30/2019	5175	12/30/2020	4630
12/30/2016	4320	12/28/2017	6300	12/28/2018	4280				

		12/29/2017	6400	12/31/2018	4280			
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LPKR									
2016		2017		2018		2019		2020	
Tanggal	P	Tanggal	P	Tanggal	P	Tanggal	P	Tanggal	P
12/1/2016	607.0793	12/1/2017	456.3014	12/3/2018	215.8504	12/2/2019	246	12/1/2020	230
12/2/2016	607.0793	12/4/2017	428.5265	12/4/2018	214.2633	12/3/2019	244	12/2/2020	226
12/5/2016	603.1115	12/5/2017	432.4944	12/5/2018	211.089	12/4/2019	246	12/3/2020	236
12/6/2016	607.0793	12/6/2017	436.4622	12/6/2018	214.2633	12/5/2019	240	12/4/2020	228
12/7/2016	607.0793	12/7/2017	436.4622	12/7/2018	207.9147	12/6/2019	240	12/7/2020	230
12/8/2016	607.0793	12/8/2017	440.4301	12/10/2018	204.7404	12/9/2019	240	12/8/2020	226
12/9/2016	599.1436	12/11/2017	452.3336	12/11/2018	206.3276	12/10/2019	242	12/10/2020	234
12/13/2016	591.2079	12/12/2017	444.3979	12/12/2018	207.9147	12/11/2019	240	12/11/2020	232
12/14/2016	591.2079	12/13/2017	432.4944	12/13/2018	209.5019	12/12/2019	240	12/14/2020	230
12/15/2016	587.2401	12/14/2017	436.4622	12/14/2018	209.5019	12/13/2019	240	12/15/2020	248
12/16/2016	571.3687	12/15/2017	428.5265	12/17/2018	201.5662	12/16/2019	240	12/16/2020	242
12/19/2016	575.3365	12/18/2017	412.6552	12/18/2018	201.5662	12/17/2019	240	12/17/2020	242
12/20/2016	571.3687	12/19/2017	396.7838	12/19/2018	201.5662	12/18/2019	238	12/18/2020	244
12/21/2016	567.4009	12/20/2017	382.4996	12/20/2018	198.3919	12/19/2019	240	12/21/2020	244
12/22/2016	559.4652	12/21/2017	379.3253	12/21/2018	196.8048	12/20/2019	238	12/22/2020	232
12/23/2016	563.433	12/22/2017	379.3253	12/24/2018	196.8048	12/23/2019	234	12/23/2020	228
12/27/2016	563.433	12/25/2017	379.3253	12/25/2018	196.8048	12/26/2019	232	12/28/2020	230
12/28/2016	575.3365	12/26/2017	379.3253	12/26/2018	199.9791	12/27/2019	234	12/29/2020	228
12/29/2016	575.3365	12/27/2017	380.9125	12/27/2018	201.5662	12/30/2019	242	12/30/2020	214
12/30/2016	571.3687	12/28/2017	385.6739	12/28/2018	201.5662				
		12/29/2017	387.261	12/31/2018	201.5662				

PWON									
2016		2017		2018		2019		2020	
Tanggal	P	Tanggal	P	Tanggal	P	Tanggal	P	Tanggal	P
12/1/2016	665	12/1/2017	620	12/3/2018	595	12/2/2019	580	12/1/2020	515
12/2/2016	675	12/4/2017	635	12/4/2018	630	12/3/2019	585	12/2/2020	550
12/5/2016	665	12/5/2017	630	12/5/2018	615	12/4/2019	565	12/3/2020	535
12/6/2016	670	12/6/2017	640	12/6/2018	585	12/5/2019	560	12/4/2020	525
12/7/2016	650	12/7/2017	635	12/7/2018	635	12/6/2019	565	12/7/2020	525

12/8/2016	645	12/8/2017	640	12/10/2018	625	12/9/2019	585	12/8/2020	510
12/9/2016	645	12/11/2017	640	12/11/2018	595	12/10/2019	595	12/10/2020	545
12/13/2016	640	12/12/2017	645	12/12/2018	610	12/11/2019	585	12/11/2020	550
12/14/2016	620	12/13/2017	655	12/13/2018	630	12/12/2019	570	12/14/2020	535
12/15/2016	590	12/14/2017	655	12/14/2018	630	12/13/2019	570	12/15/2020	525
12/16/2016	590	12/15/2017	640	12/17/2018	615	12/16/2019	570	12/16/2020	535
12/19/2016	565	12/18/2017	645	12/18/2018	605	12/17/2019	560	12/17/2020	550
12/20/2016	550	12/19/2017	650	12/19/2018	610	12/18/2019	585	12/18/2020	575
12/21/2016	550	12/20/2017	635	12/20/2018	605	12/19/2019	575	12/21/2020	575
12/22/2016	545	12/21/2017	645	12/21/2018	600	12/20/2019	570	12/22/2020	545
12/23/2016	540	12/22/2017	675	12/24/2018	600	12/23/2019	565	12/23/2020	530
12/27/2016	550	12/25/2017	675	12/25/2018	600	12/26/2019	575	12/28/2020	535
12/28/2016	585	12/26/2017	675	12/26/2018	590	12/27/2019	575	12/29/2020	515
12/29/2016	580	12/27/2017	670	12/27/2018	605	12/30/2019	570	12/30/2020	510
12/30/2016	565	12/28/2017	680	12/28/2018	620				
		12/29/2017	685	12/31/2018	620				

SMRA									
2016		2017		2018		2019		2020	
Tanggal	P	Tanggal	P	Tanggal	P	Tanggal	P	Tanggal	P
12/1/2016	1385	12/1/2017	860	12/3/2018	880	12/2/2019	1015	12/1/2020	784.8655
12/2/2016	1425	12/4/2017	885	12/4/2018	855	12/3/2019	1000	12/2/2020	813.9346
12/5/2016	1445	12/5/2017	885	12/5/2018	855	12/4/2019	980	12/3/2020	804.2449
12/6/2016	1465	12/6/2017	875	12/6/2018	830	12/5/2019	970	12/4/2020	775.1758
12/7/2016	1465	12/7/2017	850	12/7/2018	860	12/6/2019	995	12/7/2020	775.1758
12/8/2016	1495	12/8/2017	865	12/10/2018	835	12/9/2019	1060	12/8/2020	760.6412
12/9/2016	1480	12/11/2017	840	12/11/2018	820	12/10/2019	1050	12/10/2020	780.0206
12/13/2016	1485	12/12/2017	840	12/12/2018	845	12/11/2019	1030	12/11/2020	784.8655
12/14/2016	1420	12/13/2017	830	12/13/2018	880	12/12/2019	1015	12/14/2020	770.3309
12/15/2016	1395	12/14/2017	865	12/14/2018	855	12/13/2019	1030	12/15/2020	755.7964
12/16/2016	1395	12/15/2017	880	12/17/2018	835	12/16/2019	1020	12/16/2020	789.7103
12/19/2016	1400	12/18/2017	855	12/18/2018	800	12/17/2019	1000	12/17/2020	828.4691
12/20/2016	1350	12/19/2017	845	12/19/2018	830	12/18/2019	1030	12/18/2020	867.2279
12/21/2016	1250	12/20/2017	860	12/20/2018	810	12/19/2019	1010	12/21/2020	872.0728
12/22/2016	1300	12/21/2017	890	12/21/2018	820	12/20/2019	995	12/22/2020	823.6243
12/23/2016	1255	12/22/2017	935	12/24/2018	820	12/23/2019	995	12/23/2020	813.9346
12/27/2016	1270	12/25/2017	935	12/25/2018	820	12/26/2019	1000	12/28/2020	818.7794



12/28/2016	1320	12/26/2017	935	12/26/2018	770	12/27/2019	990	12/29/2020	804.2449
12/29/2016	1340	12/27/2017	935	12/27/2018	790	12/30/2019	1005	12/30/2020	780.0206
12/30/2016	1325	12/28/2017	935	12/28/2018	805				
		12/29/2017	945	12/31/2018	805				

WSKT									
2016		2017		2018		2019		2020	
Tanggal	P	Tanggal	P	Tanggal	P	Tanggal	P	Tanggal	P
12/1/2016	2530	12/1/2017	2110	12/3/2018	1750	12/2/2019	1275	12/1/2020	1070
12/2/2016	2510	12/4/2017	2080	12/4/2018	1725	12/3/2019	1260	12/2/2020	1135
12/5/2016	2480	12/5/2017	1950	12/5/2018	1735	12/4/2019	1255	12/3/2020	1165
12/6/2016	2490	12/6/2017	1870	12/6/2018	1725	12/5/2019	1290	12/4/2020	1165
12/7/2016	2480	12/7/2017	1955	12/7/2018	1845	12/6/2019	1420	12/7/2020	1200
12/8/2016	2590	12/8/2017	1950	12/10/2018	1845	12/9/2019	1470	12/8/2020	1180
12/9/2016	2570	12/11/2017	1945	12/11/2018	1795	12/10/2019	1420	12/10/2020	1155
12/13/2016	2570	12/12/2017	1910	12/12/2018	1855	12/11/2019	1415	12/11/2020	1160
12/14/2016	2530	12/13/2017	1940	12/13/2018	1840	12/12/2019	1425	12/14/2020	1200
12/15/2016	2520	12/14/2017	2030	12/14/2018	1835	12/13/2019	1445	12/15/2020	1190
12/16/2016	2480	12/15/2017	2060	12/17/2018	1805	12/16/2019	1465	12/16/2020	1210
12/19/2016	2440	12/18/2017	2180	12/18/2018	1795	12/17/2019	1450	12/17/2020	1455
12/20/2016	2430	12/19/2017	2250	12/19/2018	1795	12/18/2019	1470	12/18/2020	1500
12/21/2016	2360	12/20/2017	2210	12/20/2018	1750	12/19/2019	1500	12/21/2020	1510
12/22/2016	2300	12/21/2017	2210	12/21/2018	1750	12/20/2019	1490	12/22/2020	1415
12/23/2016	2300	12/22/2017	2160	12/24/2018	1750	12/23/2019	1495	12/23/2020	1395
12/27/2016	2390	12/25/2017	2160	12/25/2018	1750	12/26/2019	1475	12/28/2020	1400
12/28/2016	2470	12/26/2017	2160	12/26/2018	1680	12/27/2019	1480	12/29/2020	1485
12/29/2016	2600	12/27/2017	2160	12/27/2018	1700	12/30/2019	1485	12/30/2020	1440
12/30/2016	2550	12/28/2017	2200	12/28/2018	1680				
		12/29/2017	2210	12/31/2018	1680				

TPIA									
2016		2017		2018		2019		2020	
Tanggal	P	Tanggal	P	Tanggal	P	Tanggal	P	Tanggal	P
12/1/2016	3916.757	12/1/2017	5475	12/3/2018	5300	12/2/2019	9400	12/1/2020	9500
12/2/2016	3921.665	12/4/2017	5500	12/4/2018	5250	12/3/2019	9500	12/2/2020	9675

12/5/2016	3916.757	12/5/2017	5450	12/5/2018	5200	12/4/2019	9550	12/3/2020	9750
12/6/2016	3921.665	12/6/2017	5450	12/6/2018	5300	12/5/2019	9700	12/4/2020	9750
12/7/2016	3916.757	12/7/2017	5550	12/7/2018	5350	12/6/2019	9800	12/7/2020	9775
12/8/2016	3946.206	12/8/2017	5675	12/10/2018	5350	12/9/2019	9750	12/8/2020	9850
12/9/2016	3960.931	12/11/2017	5675	12/11/2018	5400	12/10/2019	9750	12/10/2020	9950
12/13/2016	3936.389	12/12/2017	5750	12/12/2018	5500	12/11/2019	9825	12/11/2020	9975
12/14/2016	3970.747	12/13/2017	5700	12/13/2018	5450	12/12/2019	9850	12/14/2020	9750
12/15/2016	3980.563	12/14/2017	5750	12/14/2018	5500	12/13/2019	9900	12/15/2020	9500
12/16/2016	3995.288	12/15/2017	5825	12/17/2018	5375	12/16/2019	9925	12/16/2020	9450
12/19/2016	4010.013	12/18/2017	5850	12/18/2018	5450	12/17/2019	9950	12/17/2020	9100
12/20/2016	4019.829	12/19/2017	5625	12/19/2018	5700	12/18/2019	9975	12/18/2020	9075
12/21/2016	4005.104	12/20/2017	5625	12/20/2018	5550	12/19/2019	10000	12/21/2020	9075
12/22/2016	3980.563	12/21/2017	5600	12/21/2018	5700	12/20/2019	10525	12/22/2020	9175
12/23/2016	3980.563	12/22/2017	5550	12/24/2018	5700	12/23/2019	10475	12/23/2020	9150
12/27/2016	4024.737	12/25/2017	5550	12/25/2018	5700	12/26/2019	10525	12/28/2020	9375
12/28/2016	4039.462	12/26/2017	5550	12/26/2018	5775	12/27/2019	10425	12/29/2020	9350
12/29/2016	4044.37	12/27/2017	5625	12/27/2018	5600	12/30/2019	10375	12/30/2020	9075
12/30/2016	4054.187	12/28/2017	5700	12/28/2018	5925				
		12/29/2017	6000	12/31/2018	5925				

BRPT									
2016		2017		2018		2019		2020	
Tanggal	P	Tanggal	P	Tanggal	P	Tanggal	P	Tanggal	P
12/1/2016	157	12/1/2017	454	12/3/2018	416	12/2/2019	1380	12/1/2020	1085
12/2/2016	157	12/4/2017	454	12/4/2018	420	12/3/2019	1400	12/2/2020	1120
12/5/2016	147.5	12/5/2017	462	12/5/2018	412	12/4/2019	1380	12/3/2020	1125
12/6/2016	153	12/6/2017	476	12/6/2018	414	12/5/2019	1375	12/4/2020	1120
12/7/2016	153	12/7/2017	488	12/7/2018	414	12/6/2019	1415	12/7/2020	1220
12/8/2016	149.5	12/8/2017	478	12/10/2018	420	12/9/2019	1410	12/8/2020	1215
12/9/2016	147.5	12/11/2017	466	12/11/2018	440	12/10/2019	1405	12/10/2020	1195
12/13/2016	142.5	12/12/2017	482	12/12/2018	436	12/11/2019	1415	12/11/2020	1230
12/14/2016	144.5	12/13/2017	484	12/13/2018	430	12/12/2019	1410	12/14/2020	1245
12/15/2016	146.5	12/14/2017	482	12/14/2018	430	12/13/2019	1420	12/15/2020	1250
12/16/2016	146.5	12/15/2017	478	12/17/2018	416	12/16/2019	1405	12/16/2020	1260
12/19/2016	149	12/18/2017	470	12/18/2018	426	12/17/2019	1435	12/17/2020	1260
12/20/2016	145.5	12/19/2017	466	12/19/2018	450	12/18/2019	1480	12/18/2020	1250
12/21/2016	139.5	12/20/2017	448	12/20/2018	460	12/19/2019	1465	12/21/2020	1270

12/22/2016	140	12/21/2017	456	12/21/2018	468	12/20/2019	1500	12/22/2020	1210
12/23/2016	144.5	12/22/2017	454	12/24/2018	468	12/23/2019	1510	12/23/2020	1225
12/27/2016	143	12/25/2017	454	12/25/2018	468	12/26/2019	1505	12/28/2020	1210
12/28/2016	143	12/26/2017	454	12/26/2018	462	12/27/2019	1505	12/29/2020	1140
12/29/2016	150	12/27/2017	462	12/27/2018	462	12/30/2019	1510	12/30/2020	1100
12/30/2016	146.5	12/28/2017	452	12/28/2018	478				
		12/29/2017	452	12/31/2018	478				

