

LAMPIRAN

Lampiran 1

Data rincian pelanggan per penyulang

NO	NAMA PENYULANG	DESA	JUMLAH PELANGGAN
1	MRA01	Bawang	921
		Mrica	126
		Bandingan	109
		Mantrianom	953
		Banegara	186
		Kantor Mrica	1
		Binorong	677
		Winong	990
		Perum Tulis	61
		Blambangan	186
		Gemuruh	905
		Masaran	887
		Serang	187
		G.Sari Siteki	86
		Mendingin	95
		G.Sari Kr.Jambu	108
		Watu Urip	330
		Depok	189
		Pucang	343
		Wangon	718
		Semampir	213
		Jl.Almunawaroh	475
		Kutabancar	118
		Let.Jen.Suprpto	235
		Jl M Panjaitan	61
		Karang Tengah	851
		Dk.Siwatu	88
		Argasoka	826
		Krandegan	115
		Wanasari	87
		Twelagiri	1012
		Jl.Panjaitan	242
		Semarang	878
		Ampelsari	346
		Tlagawera	605

NO	NAMA PENYULANG	DESA	JUMLAH PELANGGAN
		Jl.Stasiun	116
		Semarang Jl. Setasiun	114
		Jl.Sparman Bjn	95
		Pasar Kota Bjn	128
		Jl Pemuda	209
		Hotel Banjarneg	1
		Gedung Dpr Tk.2	1
		Krandegan	647
		Jl.Dipayuda	161
		Jl.S.Parman	270
		Parakan Canggih	1317
		Dk.Selo Semara	126
		Sokanandi	1340
		Kali Semi	259
		Dk.Kukurambut	94
		Sokayasa	235
		Dk.Pedali Sky	110
		Hotel Sokanandi	1
		Depan G.Golkar	122
		Gumingsir Skd	130
		Cendana	552
		Kalibenda	581
		Dk.Dirun Sgm	113
		Gentansari	952
		Pagedongan	766
		Gunung Jati	790
		Dk.Setra	168
		Dk.Sikudi	166
		Dk.Watusigar	87
		Sangkalan	619
		Kebutuh	1636
		Dk.Blimbing Kbt	93
		Dk.Sigobang	89
		Dk.Kembaran	90
		Goeng K.Duwur	87
		Giri Tirta	256
		Ds.Duren	96

NO	NAMA PENYULANG	DESA	JUMLAH PELANGGAN
		Total	26827
2	MRA02	Mrica	58
		Binorong	177
		Joho	360
		Gumiwang	1528
		Kali Pelus	667
		Purwonegoro	1138
		P.A. Menara	1
		Pr Gr Bny Mudal	38
		Peyuyon Mertasa	273
		Parakan	500
		Danaraja	675
		Mertasari	407
		Karang Anyar	832
		Kalimendong	667
		Mandiraja	1338
		Banjengan	507
		Somawangi	831
		Kebanaran	582
		Merden	1376
		Jalatunda	1334
		Kali Wungu	853
		Kebakalan	274
		Dk.Rawawungu	264
		Kalitengah	800
		Somagede	395
		Binangun	454
		Dk.Semampir Smg	72
		Kligak Kenteng	326
		Panimbu	190
		Ginandong	325
		Dk.Sikaret.K.Re	96
		Kali Ajir	846
		Dk.Kreteg Kr.A	35
		Kertayasa	1166
		Candi Wulan	147
		Simbang	311

NO	NAMA PENYULANG	DESA	JUMLAH PELANGGAN
		Panggisari	545
		Blimbing	241
		Purwosobo	479
		Purwasaba	277
		Glempang	821
		Selagara Sirkan	147
		Salamerta	859
		Kedung Wringin	1491
		Sampang	626
		Gandulekor	189
		Kutawuluh	586
		Kutayasa	186
		Dk.Blimbing Kty	34
		Majalengka	601
		Lebakwangi	719
		Wiramastra	264
		Duren	208
		Wanadri	568
		Kbdlm	497
		Dk.Gebang	58
		Pucung Bedug	590
		Petir	512
		Selogiri	437
		Total	30778
3	MRA03	Tapen	458
		Luwung	495
		Kasilib	317
		Karang Jambe	332
		Sigandu	110
		Wonodadi	657
		Bondolharjo	828
		Badakarya	625
		Sidarata	1115
		Sawangan	447
		Dk.Kr.Menjangan	168
		Punggelan	1189
		Petuguran	971

NO	NAMA PENYULANG	DESA	JUMLAH PELANGGAN
		Purwasana	867
		Tanjung Tirta	767
		Karang Sari	961
		Klontong	106
		Kali Pandak	88
		Pa.K.Sidomukti	1
		Pete Doyong	79
		Jembangan	810
		Kecepit	1266
		Danakerta	1174
		Klapa	746
		Total	14577
4	MRA04	Mantrianom	63
		Bandingan	113
		Blambangan	1107
		Gemuruh	595
		Pucang	1533
		Semampir	368
		Wangon	94.9
		Kutabanjar	47
		Perum Seruling Mas	371
		Kantor Litbang	81
		Taman Seruling	1
		Jl Gotongroyong	443
		Jl.Prajuritan	107
		Jl.Jend.Sudirm	139
		Jl.Selomanik	346
		Bpd Banjarnegar	1
		Rsud Banjarnega	17
		Jl.Sutoyo Bjn	113
		Jl.May.Sutoyo	108
		Jl.Sunan Gripit	150
		Peru.Gayam	135
		Surya Yudha Park	1
		Rejasa	507
		Wijahan	116
		Kenteng	416

NO	NAMA PENYULANG	DESA	JUMLAH PELANGGAN
		Sered	210
		Bantarwaru	354
		Dawuhan	485
		Pagelak	455
		Pekauman	311
		Madukara	456
		Gunung Giana	531
		Kr.Anyar Mdk	216
		Dk.Grantung	114
		Pakelen	510
		Talun Amba	466
		Penawangan	128
		Limbangan	223
		Kutayasa	330
		Singomerto	437
		Sigaluh	348
		Wanacipta	98
		Karang Mangu	117
		Siweru	98
		Kemiri	132
		Gembongan	465
		Sempol	303
		Plodongan	320
		Penulih	183
		Kr.Tengah Lkso	126
		Dk.X.Salak G.Lo	92
		Perumasan Klb	116
		Gondangsari	93
		Jebeng Pelampit	111
		Kewarasan	92
		Srisip	90
		Pegandulan	111
		Garung Cangak	97
		Prigi	738
		Karang Anyar	99
		Rogojati	239
		Sukoharjo	101

NO	NAMA PENYULANG	DESA	JUMLAH PELANGGAN
		Dk Gondang G.L	103
		Dk.Lumiring	104
		Larangan Rogojt	100
		Rogojati	97
		Gumiwang	201
		Dk.Pekandangan	99
		Garung Lor	94
		Gribik Prigi	136
		Petambakan	620
		Blitar	427
		Rakitan	416
		Dk.Ciledok	132
		Kaliurip	751
		Sela Pakelen	109
		Banjarmangu	1134
		Pesanggahan	126
		Jenggawur	136
		Linggasari	250
		Gumingsir	335
		Binangun	119
		Linggamerta	207
		Medayu	254
		Karang Kemiri	234
		Kandang Wangi	491
		Wanatawang	126
		Kr.Kemiri	246
		Lemahjaya	638
		Wonokarso	253
		Kesenet	593
		Sarang Panjang	291
		Rejasari	489
		Kubang Sari	103
		Paseh	760
		Medayu Kletak	101
		Ds.Gripit	191
		Pekandangan	329
		Sigeblug	424

NO	NAMA PENYULANG	DESA	JUMLAH PELANGGAN
		Sipedang	688
		Kaliwadas Mlaya	290
		Suwuk Tlaga	248
		Beji	322
		Majatengah	200
		Sijenggung	389
		Dk.Sokawera	273
		Sumbawa	574
		Semingkir X.Bom	257
		Ngasinan	383
		Sigeblug	96
		Dk.Sudikampir	197
		Kendaga	478
		Kalilunjar	433
		Kali Arus	94
		Gunung Raja	95
		Gembongan	120
		Sijeruk	430
		Paweden	379
		Bolang Slatri	209
		Pager Pelak	393
		Prendengan	236
		Karanggondang	549
		Slatri	196
		Sampang	310
		Ambal	379
		Jlegong	192
		Binangun	482
		Karang Kobar	940
		Purwodadi	534
		Gumelar	193
		Suwidak	184
		Bantar	385
		Suwidakl	98
		Leksana	534
		Ndiwek	303
		Susukan	225

NO	NAMA PENYULANG	DESA	JUMLAH PELANGGAN
		Wonoyoso	102
		Wanayasa	187
		Total	40460
5	MRA05	Tapen	110
		Kasilib	117
		Lengkong	583
		Badamita	1181
		Dk.Pringgendani	84
		Pa Wanakusuma	1
		Sambong	1013
		Tribuana	847
		Timbang	811
		Gunung Siaul	94
		Tanjung Anom	658
		Kincang	573
		Adi Pasir	1204
		Rakit	1175
		Gelang	674
		Situwangi	895
		Karang Nangka	363
		Pingit	873
		Bandingan	212
		Bandingan Rkt	1086
		Mandiraja	261
		Total	12815
6	DNG02	Genting	90
		Bandingan	65
		Grogol	195
		Penanggungan	195
		Legok Sayem	65
		Dk.Simpar.K.Omb	65
		Kasimpar	220
		Pringgondani	65
		Jatilawang	376
		Karang Malang	65
		Ds.Pt Kriyono	65
		Kali Deres	90

NO	NAMA PENYULANG	DESA	JUMLAH PELANGGAN
		Wadas Putih	65
		Gumelem	130
		Rejosari T.Endr	195
		Mangunan T.Hend	66
		Gondang T.Endro	65
		Kayupuring	400
		Petungkriyono	65
		Cokro Wati Kasi	90
		Tlogo Pakis	130
		Wanaraja	440
		Ciblikan	65
		Tegaten Wny	65
		Wonoyoso	335
		Wanayasa	90
		Tempuran	260
		Pesantren	245
		Slimpet Leksana	65
		Gondang Tempura	65
		Balun	285
		Kalisat Kidul	390
		Sirukem	65
		Kali Bombong	155
		Timbang Kasinom	65
		Mranggen	130
		Kasinoman	220
		Kertosari	130
		Plorengan	285
		Sidakangen	180
		Banurejo	155
		Jambu	65
		Kr.Anyar	180
		Sirukun	180
		Bedana	285
		Majatengah	65
		Kali Bening	580
		Pa.Bedahan	65
		Sirongge	325

NO	NAMA PENYULANG	DESA	JUMLAH PELANGGAN
		Beji	610
		Kr.Gondang	130
		Sinduaji	155
		Pa.Dk.Getas	155
		Pring Amba	65
		Lawen	415
		Pingit	400
		Pasegeran	180
		Sukoarjo	900
		Gembong	270
		Bodas	360
		Pasegeran Klb	65
		Kleseem	180
		Pandan Arum	260
		Kalibening	90
		Sikumpul	270
		Gunung Langit	180
		Kali Boja	393
		Tanggeran Png	90
		Sikembang	130
		Kali Ombo	195
		Botosari	90
		Trafindo	90
		Sawangan	155
		Paninggaran	711
		Lumeneng	220
		Binangun	195
		Winduaji	220
		Werdi	90
		Domiyang	360
		Lambang Gelun	95
		Bojong Ireng	90
		Panumbangan	90
		Dk.Mendelun	65
		Dk.Delimas	90
		Dk.Sasak	65
		Wangkelang	270
		Dk.Wanasirna	90

NO	NAMA PENYULANG	DESA	JUMLAH PELANGGAN
		Noto Giwang	155
		Dk Sitatah	90
		Tenogo	130
		Jaha	65
		Bedagung	65
		Pejawaran	400
		Pancasan	130
		Ngasinan	65
		Kalikuning	90
		Pegundungan	220
		Majasari	65
		Dermayasa	490
		Tegal Jeruk	130
		Majasari	90
		Pulasari	130
		Babadan	350
		Semangkung	130
		Kasmaran	180
		Pagentan	441
		Plubungan	90
		Bulu Kuning	90
		Kalitlaga	325
		Kayu Ares	130
		Sumberan Mtwan	130
		Kalikidang	65
		Gumingsir	220
		Metawana	120
		Anggrongsari	65
		Windusari	90
		Wonosroyo	516
		Sokaraja	221
		Kr.Nangka	390
		Larangan	155
		Sipitung Ariba	65
		Clapar	90
		Sinanjer Ariba	90
		Dk.Pragunan Clp	65

NO	NAMA PENYULANG	DESA	JUMLAH PELANGGAN
		P.A.Aribaya	65
		Dk.Tegaron.Gms	90
		Nagasari	195
		Plipiran	65
		Dk.Lempeng Mdk	65
		Penusupan	155
		Dk.Tiyeng Batur	90
		Tlahap	130
		Karang Sari	390
		Giri Tirta	180
		Sarwodadi	195
		Kalilujar	90
		Karekan	195
		Sirandu Plumbun	90
		Dawuhan	195
		Pagergunung	90
		Pandansari	195
		Gunung Putih	65
		Karang Tengah	195
		Kubang	180
		Total	25924
		Tunggoro	511
7	WBO04	Dk.Randegan	155
		Ponowaren	863
		Bojanegara	572
		Mergosari	382
		Bandingan	522
		Sawal	750
		Pring Amba	192
		Kaligintung	218
		U/Pro.XI	2
		Sukoharjo	619
		Total	4786
Total Jumlah Pelanggan			156167

Lampiran 2

Data rincian jumlah pelanggan terganggu

No	Penyulang	Tanggal	Kode Tiang	Jam Padam	Jam Nyala	Lama Padam (menit)	Jumlah Pelanggan Terganggu
1	MRA.01	21 Jan 2016	MRA01.1 72.S080	16:48	18:44	116	100
2	MRA01.	12 Jan 2016	MRA01.1 83.S046	14:19	15:40	81	120
3	MRA01.	20 Jan 2016	MRA01.1 53.S050.B 051.T008	15:24	16:26	62	125
4	MRA01.	25 Jan 2016	MRA01.2 30	14:48	15:57	69	120
5	MRA01.	07 Feb 2016	MRA01.1 53.S068	7:58	8:55	57	125
6	MRA01.	18 Feb 2016	MRA01.1 83.S011	14:37	15:22	45	130
7	MRA01.	06 Mar 2016	MRA01.2 17.U019	11:52	12:30	38	139
8	MRA01.	09 Mar 2016	MRA01.0 13	15:30	18:11	161	61
9	MRA01.	21 Mar 2016	MRA01.0 51.B002.S 019	13:23	14:15	52	124
10	MRA01.	27 Mar 2016	MRA01.2 35.U004	15:30	16:36	66	123
11	MRA01.	21 Apr 2016	MRA01.1 91.B007	4:26	5:36	70	122
12	MRA01.	21 Apr 2016	MRA01.0 51.B042.S 012.S005	8:05	8:48	43	130
13	MRA01.	22 Apr 2016	MRA01.0 84.S003	13:33	14:16	43	132
14	MRA01.	22 Apr 2016	MRA01.1 15	16:06	16:47	41	131
15	MRA01.	25 Apr 2016	MRA01.1 53.S096.B 002.S023	8:57	10:18	82	118
16	MRA01.	31 Mei 2016	MRA01.0 51.B023.U 011	17:44	18:36	52	125

No	Penyulang	Tanggal	Kode Tiang	Jam Padam	Jam Nyala	Lama Padam (menit)	Jumlah Pelanggan Terganggu
17	MRA01.	13 Jul 2016	MRA01.1 91.B006.U 004.T002	15:36	16:23	47	128
18	MRA01.	17 Jul 2016	MRA01.2 17.U005	12:22	12:47	25	141
19	MRA01.	24 Jul 2016	MRA01.2 09.U003	6:18	7:07	49	126
20	MRA01.	27 Jul 2016	MRA01.2 17.U018	9:57	10:46	49	126
21	MRA01.	23 Sept 2016	MRA01.2 09	16:30	17:18	48	127
22	MRA01.	05 Okt 2016	MRA01.2 24.S007.B 007	14:56	15:29	33	140
23	MRA01.	26 Okt 2016	MRA01 153 U007	13:09	13:50	41	132
24	MRA01.	14 Nov 2016	MRA01.1 72.S065	16:04	16:47	43	130
25	MRA01.	14 Nov 2016	MRA01.1 91.B015	19:53	20:00	7	168
26	MRA01.	24 Nov 2016	MRA01.1 91.B013.T 001	14:51	15:11	20	160
27	MRA01.	27 Nov 2016	MRA01.0 96.S070.T 022	19:55	20:47	52	125
28	MRA01.	23 Des 2016	MRA01.1 72.S003.T 001	13:40	15:13	93	116
Total							3544

No	Penyulang	Tanggal	Kode Tiang	Jam Padam	Jam Nyala	Lama Padam (menit)	Jumlah Pelanggan Terganggu
1	MRA.02	14 Jan 2016	MRA0 2.225.S 067.T0 43	14:11	15:58	107	100
2	MRA.02	09 Mar 2016	MRA0 2.119.U 017	15:29	18:21	172	65

No	Penyulang	Tanggal	Kode Tiang	Jam Padam	Jam Nyala	Lama Padam (menit)	Jumlah Pelanggan Terganggu
3	MRA.02	19 Mar 2016	MRA0 2.145.S 022.S0 02	16:47	19:12	145	71
4	MRA.02	19 Sept 2016	MRA0 2.300.S 003	13:43	15:27	104	106
5	MRA.02	26 Okt 2016	MRA0 2.043.U 011	13:55	20:20	385	50
6	MRA02.	05 Jan 2016	MRA0 2.300.S 018	14:18	5:16	64	134
7	MRA02.	07 Jan 2016	MRA0 2.321.S 046	12:28	9:21	107	100
8	MRA02.	11 Jan 2016	MRA0 2.130	18:49	19:07	18	188
9	MRA02.	15 Jan 2016	MRA0 2.308	15:15	16:03	48	155
10	MRA02.	19 Jan 2016	MRA0 2.321.S 045.B0 22	15:22	16:40	78	128
11	MRA02.	10 Feb 2016	MRA0 2.135	4:02	5:26	84	113
12	MRA02.	01 Mar 2016	MRA0 2.321.S 019	10:35	11:27	52	145
13	MRA02.	07 Mar 2016	MRA0 2.218.U 009	9:04	9:49	45	158
14	MRA02.	08 Mar 2016	MRA0 2.225.S 074.T0 12	14:00	15:24	84	112
15	MRA02.	10 Mar 2016	MRA0 2.225.S 081	14:46	16:54	128	92
16	MRA02.	28 Mar 216	MRA0 2.225.S 012.B0 66	13:58	15:07	69	133

No	Penyulang	Tanggal	Kode Tiang	Jam Padam	Jam Nyala	Lama Padam (menit)	Jumlah Pelanggan Terganggu
17	MRA02.	01 Apr 2016	MRA0 2.173.S 027	15:48	16:08	20	184
18	MRA02.	01 Mei 2016	MRA0 2.225.S 061.S0 30	17:53	18:49	56	139
19	MRA02.	01 Mei 2016	MRA0 2.226	19:12	19:15	3	218
20	MRA02.	02 Mei 2016	MRA0 2.300.S 031	5:26	6:49	83	121
21	MRA02.	02 Mei 2016	MRA0 2.307.U 006	13:42	15:05	83	122
22	MRA02.	02 Mei 2016	MRA0 2.145.U 026	17:10	18:10	60	136
23	MRA02.	04 Mei 2016	MRA0 2.173.S 003	18:09	19:01	52	142
24	MRA02.	20 Mei 2016	MRA0 2.039.U 008	19:34	20:57	83	116
25	MRA02.	22 Mei 2016	MRA0 2.058.S 002	9:57	22:42	765	47
26	MRA02.	07 Jun 2016	MRA0 2.064	20:48	22:16	88	112
27	MRA02.	22 Jun 2016	MRA0 2.192.S 003	14:33	15:51	78	120
28	MRA02.	24 Jun 2016	MRA0 2.145.U 018	9:16	10:12	56	139
29	MRA02.	10 Jul 2016	MRA0 2.321.S 013.T0 16	2:28	4:13	105	105
30	MRA02.	22 Aug 2016	MRA0 2.070.S 001	23:56	1:37	101	103

No	Penyulang	Tanggal	Kode Tiang	Jam Padam	Jam Nyala	Lama Padam (menit)	Jumlah Pelanggan Terganggu
31	MRA02.	28 Aug 2016	MRA0 2.119.U 006	15:30	18:58	88	113
32	MRA02.	06 Sept 2016	MRA0 2.225.S 012.B0 08	13:12	15:34	142	81
33	MRA02.	27 N0v 2016	MRA0 2.196	8:41	9:13	32	158
Total							4006

No	Penyulang	Tanggal	Kode Tiang	Jam Padam	Jam Nyala	Lama Padam (menit)	Jumlah Pelanggan Terganggu
1	MRA.03	14 Jan 2016	MRA03. 131.U10 4.U021	14:26	16:12	106	96
2	MRA.03	01 Mar 2016	MRA03. 131.U15 2.U055. U027	6:47	13:42	415	72
3	MRA.03	17 Mar 2016	MRA03. 131.U10 4.U054. B019	14:03	15:54	111	94
4	MRA.03	06 Apr 2016	MRA03. 131.U07 6.S040.B 001	14:59	16:46	107	95
5	MRA.03	29 Jul 2016	MRA03. 131.U11 7.U009	9:09	11:15	126	87
6	MRA.03	19 Sept 2016	MRA03. 049.B05 9	13:45	15:05	80	105
7	MRA.03	05 Des 2016	MRA03. 131.U24 9.S014.S 021	18:47	20:44	117	90
8	MRA.03	06 Des 2016	MRA03. 131.U26 6.U041	19:40	21:37	117	89

No	Penyulang	Tanggal	Kode Tiang	Jam Padam	Jam Nyala	Lama Padam (menit)	Jumlah Pelanggan Terganggu
9	MRA.03	08 Des 2016	MRA03.131.U076.S053.U048	15:10	16:29	79	107
10	MRA03.	05 Jan 2016	MRA03.126	14:49	15:32	43	123
11	MRA03.	13 Jan 2016	MRA03.131.U066	13:30	14:25	55	112
12	MRA03.	14 Jan 2016	MRA03.131.U140.T002	14:20	17:45	205	82
13	MRA03.	23 Jan 2016	MRA03.049.B018	8:25	9:50	85	100
14	MRA03.	31 Jan 2016	MRA03.131.U266	0:19	1:27	68	108
15	MRA03.	09 Feb 2016	MRA03.131.U014.U067.B001	12:47	13:52	65	111
16	MRA03.	10 Feb 2016	MRA03.131.U201	15:18	16:02	44	121
17	MRA03.	12 Feb 2016	MRA03.131.U131.T013	2:45	5:16	151	86
18	MRA03.	15 Feb 2016	MRA03.059	15:50	16:22	32	129
19	MRA03.	01 Mar 2016	MRA03.080.U031	3:50	4:40	50	116
20	MRA03.	01 Mar 2016	MRA03.131.U080	5:12	12:05	413	79
21	MRA03.	01 Mar 2016	MRA03.131.U266.U012	17:28	18:35	67	109
22	MRA03.	02 Mar 2016	MRA03.131.U021	8:10	9:21	71	106

No	Penyulang	Tanggal	Kode Tiang	Jam Padam	Jam Nyala	Lama Padam (menit)	Jumlah Pelanggan Terganggu
23	MRA03.	10 Mar 2016	MRA03.131.U153	14:31	15:20	49	119
24	MRA03.	19 Mar 2016	MRA03.131.U240.U024	16:10	18:06	116	91
25	MRA03.	24 Mar 2016	MRA03.131.U152.U007.B007	16:42	17:48	66	113
26	MRA03.	27 Apr 2016	MRA03.131.U019	17:47	18:07	20	134
27	MRA03.	29 Mei 2016	MRA03.105.U012	18:24	18:37	13	135
28	MRA03.	03 Jul 2016	MRA03.131.U003	9:49	10:21	32	129
29	MRA03.	15 Ju 2016	MRA03.131.U131.T034	15:20	17:57	157	85
30	MRA03.	21 Jul 2016	MRA03.080.U016	17:44	18:46	64	112
31	MRA03.	29 Jul 2016	MRA03.131.U152.U055.U016	9:09	11:11	122	88
32	MRA03.	29 Aug 2016	MRA03.131.U054	15:41	16:21	40	125
33	MRA03.	29 Aug 2016	MRA03.131.U164	17:33	17:37	4	137
34	MRA03.	20 Sept 2016	MRA03.131.U076.S019	18:10	19:55	105	97
35	MRA03.	25 Sept 2016	MRA03.131.U104.U090.B039	13:05	14:17	72	105

No	Penyulang	Tanggal	Kode Tiang	Jam Padam	Jam Nyala	Lama Padam (menit)	Jumlah Pelanggan Terganggu
36	MRA03.	03 Okt 2016	MRA03.051	4:12	5:42	90	99
37	MRA03.	24 Okt 2016	MRA03.131.U02 1.S014	12:57	13:42	45	119
38	MRA03.	27 Okt 2016	MRA03.131.U02 1.B029	11:34	13:07	93	98
39	MRA03.	03 Nov 2016	MRA03.104	10:48	11:59	51	114
40	MRA03.	07 Nov 2016	MRA03.131.U01 5.T021	8:21	8:44	23	131
41	MRA03.	17 Des 2016	MRA03.127	10:15	11:04	49	118
42	MRA03.	18 Des 2016	MR03.04 8.S004	17:55	18:12	17	134
Total							4500

No	Penyulang	Tanggal	Kode Tiang	Jam Padam	Jam Nyala	Lama Padam (menit)	Jumlah Pelanggan Terganggu
1	MRA.04	25 Jan 2016	MRA04.118.U00 5	4:08	5:37	89	128
2	MRA.04	30 Mar 2016	MRA04.185	18:21	20:39	138	150
3	MRA.04	17 Apr 2016	MRA04.064	5:22	6:40	78	117
4	MRA.04	21 Jul 2016	MRA04.194.B01 0	17:13	19:07	114	142
5	MRA04.	05 Jan 2016	MRA04.177.S005	14:04	15:34	90	138
6	MRA04.	05 Jan 2016	MRA04.096	16:46	16:53	7	155
7	MRA04.	08 Jan 2016	MRA04.076.U00 8.T016.B 001.U00 3	22:56	23:34	38	90

No	Penyulang	Tanggal	Kode Tiang	Jam Padam	Jam Nyala	Lama Padam (menit)	Jumlah Pelanggan Terganggu
8	MRA04.	09 Jan 2016	MRA04.094.U012	1:12	3:00	108	140
9	MRA04.	11 Jan 2016	MRA04.158.S004	16:57	17:38	41	94
10	MRA04.	12 Jan 2015	MRA04.119	13:58	14:44	46	95
11	MRA04.	18 Jan 2016	MRA04.094.U012	5:20	5:59	39	92
12	MRA04.	21 Jan 2016	MRA04.094.U033	16:47	17:11	24	86
13	MRA04.	21 Feb 2016	MRA04.082.U002	11:25	12:13	48	96
14	MRA04.	12 Mar 2016	MRA04.110.S002	14:59	15:52	53	98
15	MRA04.	21 Mar 2016	MRA04.261	13:58	15:00	62	104
16	MRA04.	24 Mar 2016	MRA04.237.U001	15:54	17:05	71	110
17	MRA04.	27 Mar 2016	MRA04.076.U012	16:13	17:35	82	122
18	MRA04.	29 Mar 2016	MRA04.091.S003	15:49	16:28	39	90
19	MRA04.	04 Apr 2016	MRA04.094	14:03	16:28	145	154
20	MRA04.	06 Apr 2016	MRA04.162	15:27	15:41	15	81
21	MRA04.	07 Mei 2016	MRA04.110.S006	0:15	1:28	73	113
22	MRA04.	27 Jun 2016	MRA04.177.S005.B001	13:13	14:08	55	99
23	MRA04.	02 Aug 2016	MRA04.059	4:24	10:52	388	63
24	MRA04.	09 Aug 2016	MRA04.237.U017	15:53	16:51	58	100

No	Penyulang	Tanggal	Kode Tiang	Jam Padam	Jam Nyala	Lama Padam (menit)	Jumlah Pelanggan Terganggu
25	MRA04.	12 Aug 2016	MRA04.082.U005	15:31	16:22	51	96
26	MRA04.	03 Okt 2016	MRA04.210	13:34	14:04	40	95
27	MRA04.	05 Okt 2016	MRA04.180	14:46	15:58	72	112
28	MRA04.	27 Nov 2016	MRA04.171	13:14	14:27	73	116
29	MRA04.	18 Des 2016	MRA04.224	11:21	13:19	118	149
Total							3225

No	Penyulang	Tanggal	Kode Tiang	Jam Padam	Jam Nyala	Lama Padam (menit)	Jumlah Pelanggan Terganggu
1	MRA.05	11 Jan 2016	MRA05.162.U030.U036	15:57	20:14	317	77
2	MRA.05	13 Jan 2016	MRA05.228.U027.B068.B005	14:26	17:40	194	81
3	MRA.05	04 Feb 2016	MRA05.228.U142	11:49	14:04	135	85
4	MRA.05	01 Mar 2016	MRA05.228.U027.B153.S005	5:09	8:44	215	79
5	MRA.05	10 Mar 2016	MRA05.162.U030.U026.T005	14:56	18:10	194	82
6	MRA.05	01 Apr 2016	MRA05.228.U027.B162.T016	15:34	19:44	250	78

No	Penyulang	Tanggal	Kode Tiang	Jam Padam	Jam Nyala	Lama Padam (menit)	Jumlah Pelanggan Terganggu
7	MRA.05	16 Apr 2016	MRA05.228.U02 7.B073	16:24	17:03	39	134
8	MRA.05	11 Jul 2016	MRA05.162.U11 2	15:50	17:18	88	98
9	MRA.05	15 Jul 2016	MRA05.162.U01 7.U010. T001	14:29	17:01	152	84
10	MRA.05	26 Jul 2016	MRA05.162.U09 6	13:54	15:32	98	91
11	MRA.05	05 Sept 2016	MRA05.082.S010 .S008	16:43	17:31	48	118
12	MRA.05	25 Okt 2016	MRA05.167.U00 7	20:21	21:36	75	103
13	MRA.05	19 Nov 2016	MRA05.162.U07 3	13:26	14:32	66	109
14	MRA05.	14 Jan 2016	MRA05.162.U07 3.T020	14:28	15:33	65	109
15	MRA05.	28 Jan 2016	MRA05.228.U10 3.S003	8:26	9:26	60	114
16	MRA05.	01 Mar 2016	MRA05.228.U09 2	5:02	19:59	897	65
17	MRA05.	23 Mar 2016	MRA05.129	16:40	17:05	25	149
18	MRA05.	29 Mar 2016	MRA05.228.U00 4	14:21	14:44	23	155
19	MRA05.	16 Apr 2016	MRA05.162.U01 7.U025	14:20	15:23	63	111
20	MRA05.	16 Apr 2016	MRA05.162.U03 0	16:07	17:52	105	89

No	Penyulang	Tanggal	Kode Tiang	Jam Padam	Jam Nyala	Lama Padam (menit)	Jumlah Pelanggan Terganggu
21	MRA05.	29 Apr 2016	MRA05.162.U048	16:21	17:38	77	102
22	MRA05.	07 Mei 2016	MRA05.102	19:28	20:38	70	104
23	MRA05.	13 Mei 2016	MRA05.162.U073.T039	9:49	10:27	38	138
24	MRA05.	13 Mei 2016	MRA05.162.U047.U030	17:21	18:42	81	99
25	MRA05.	15 Mei 2016	MRA05.228.U027.B08.S012.S006	12:21	13:21	60	117
26	MRA05.	14 Jun 2016	MRA05.053.U016	15:54	16:48	54	117
27	MRA05.	15 Jun 2016	MRA05.228.U027.B050	15:58	17:08	70	106
28	MRA05.	21 Jun 2016	MRA05.163	0:15	0:53	38	139
29	MRA05.	05 Jul 2016	MRA05.091	17:54	18:02	8	185
30	MRA05.	26 Jul 2016	MRA05.166.U096	13:54	15:29	95	94
31	MRA05.	09 Aug 2016	MRA05.228.U027.B015.B027.B014	16:55	18:26	91	96
32	MRA05.	28 Aug 2016	MRA05.228.U092.U029.S011	15:27	17:24	117	86
33	MRA05.	29 Aug 2016	MRA05.116	18:16	18:27	11	178
34	MRA05.	29 Aug 2016	MRA05.228.U043	18:38	19:08	30	141

No	Penyulang	Tanggal	Kode Tiang	Jam Padam	Jam Nyala	Lama Padam (menit)	Jumlah Pelanggan Terganggu
35	MRA05.	06 Sept 2016	MRA05.137.U001	18:27	19:35	68	109
36	MRA05.	11 Sept 2016	MRA05.228.U027.B008	13:52	14:30	38	139
37	MRA05.	11 Sept 2016	MRA05.228.U027.B042.B006	15:21	15:40	19	161
38	MRA05.	13 Sept 2016	MRA05.228.U137.S038	9:45	10:09	24	151
39	MRA05.	16 Sept 2016	MRA05.228.U137.S015	17:36	18:21	45	127
40	MRA05.	26 Okt 2016	MRA05.143.T028	12:48	15:42	174	84
41	MRA05.	28 Okt 2016	MRA05.162.U061	16:04	18:00	80	100
42	MRA05.	02 Nov 2016	MRA05.228.U047	14:19	15:03	44	132
43	MRA05.	08 Nov 2016	MRA05.228.U162	13:09	17:02	233	79
44	MRA05.	09 Nov 2016	MRA05.228.U027.B017	11:00	11:41	41	133
45	MRA05.	17 Nov 2016	MRA05.228.U115.S010	9:25	10:03	38	140
46	MRA05.	22 Nov 2016	MRA05.228.U168	10:39	11:27	48	121
47	MRA05.	29 Nov 2016	MRA05.228.U027.B060.T010	16:11	17:42	91	97

No	Penyulang	Tanggal	Kode Tiang	Jam Padam	Jam Nyala	Lama Padam (menit)	Jumlah Pelanggan Terganggu
48	MRA05.	07 Des 2016	MRA05. 228.U09 2.U009	20:09	20:38	29	148
49	MRA05.	30 Des 2016	MRA05. 162.U01 7	1:08	2:53	105	90
Total Jumlah							5524

No	Penyulang	Tanggal	Kode Tiang	Jam Padam	Jam Nyala	Lama Padam (menit)	Jumlah Pelanggan Terganggu
1	WBO.04	06 Jan 2016	WBO04. 174	15:56	18:00	124	76
2	WBO.04	12 Jan 2016	WBO04. 190.S011	8:48	9:13	25	144
3	WBO.04	01 Mar 2016	WBO04. 161.S006	9:43	12:30	167	70
4	WBO04.	25 Feb 2016	WBO04. 217.S022 .T013	18:45	20:14	89	82
5	WBO04.	19 Mar 2016	WBO04. 182.S084 .S004	15:42	16:21	39	107
6	WBO04.	21 Mar 2016	WBO04. 217.S035 .S002	13:47	14:43	56	94
7	WBO04.	21 Mar 2016	WBO04. 182.S003	18:14	18:32	18	155
8	WBO04.	22 Mar 2016	WBO04. 196.U02 2	13:14	13:51	37	111
9	WBO04.	25 Mar 2016	WBO04. 217.S112	15:17	16:07	50	102
10	WBO04.	06 Apr 2016	WBO04. 190.S016	13:41	14:17	36	114
11	WBO04.	30 Apr 2016	WBO04. 217.S022 .T023	20:35	22:02	87	83

No	Penyulang	Tanggal	Kode Tiang	Jam Padam	Jam Nyala	Lama Padam (menit)	Jumlah Pelanggan Terganggu
12	WBO04.	03 Mei 2016	WBO04.158	14:24	14:53	29	128
13	WBO04.	07 Jun 2016	WBO04.217	14:54	15:23	29	127
14	WBO04.	16 Jun 2016	WBO04.182.S066	11:41	12:43	62	93
15	WBO04.	26 Jun 2016	WBO04.182.S049	0:04	1:14	70	91
16	WBO04.	10 Jul 2016	WBO04.217.S005	8:34	9:40	66	92
17	WBO04.	01 Aug 2016	WBO04.196.U010	13:39	14:23	44	111
18	WBO04.	05 Aug 2016	WBO04.190.S003	14:13	14:31	18	147
19	WBO04.	06 Aug 2016	WBO04.182.S108	16:04	16:50	46	103
20	WBO04.	13 Aug 2016	WBO04.217.U028	7:10	8:21	71	90
21	WBO04.	31 Aug 2016	WBO04.182.S042.S011	15:36	16:15	39	107
22	WBO04.	07 Sept 2016	WBO04.217.S035	23:36	0:22	46	106
23	WBO04.	12 Sept 2016	WBO04.196.U006	19:10	19:13	3	160
24	WBO04.	19 Sept 2016	WBO04.217.S133	11:52	12:26	34	116
25	WBO04.	29 Sept 2016	WBO04.182.S093	15:20	16:11	51	101
26	WBO04.	02 Okt 2016	WBO04.226	13:43	15:09	86	85
27	WBO04.	09 Okt 2016	WBO04.217.S022.T041	17:00	17:36	36	114
28	WBO04.	04 Nov 2016	WBO04.217.S060.T012	14:21	15:07	46	102
29	WBO04.	07 Nov 2016	WBO04.184	12:02	13:42	100	81

No	Penyulang	Tanggal	Kode Tiang	Jam Padam	Jam Nyala	Lama Padam (menit)	Jumlah Pelanggan Terganggu
30	WBO04.	20 Nov 2016	WBO04.217.S004	15:20	16:02	42	102
31	WBO04.	21 Nov 2016	WBO04.210..S004	18:02	18:34	32	116
32	WBO04.	26 Nov 2016	WBO04.193	21:27	22:39	72	86
33	WBO04.	03 Des 2016	WBO04.161.S009	22:51	23:26	35	114
34	WBO04.	08 Des 2016	WBO04.161.S006	8:59	9:28	29	122
Total							3632

No	Penyulang	Tanggal	Kode Tiang	Jam Padam	Jam Nyala	Lama Padam (menit)	Jumlah Pelanggan Terganggu
1	DNG.02	05 Feb 2016	DNG02.237.U002	8:06	8:11	5	65
2	DNG.02	02 Apr 2016	DNG02.190.U164.T039.U027	16:50	17:57	67	65
3	DNG.02	03 Apr 2016	DNG02.274.U028	18:50	23:38	288	90
4	DNG.02	30 Apr 2016	DNG02.290.U040	15:45	18:24	159	90
5	DNG.02	01 Des 2016	DNG02.290.U223.U018.T061.S007	15:58	18:30	152	90
6	DNG02.	01 Jan 2016	DNG02.291.B002	10:55	11:50	55	65
7	DNG02.	03 jan 2016	DNG02.431.U004	2:39	3:59	80	90

No	Penyulang	Tanggal	Kode Tiang	Jam Padam	Jam Nyala	Lama Padam (menit)	Jumlah Pelanggan Terganggu
8	DNG02.	05 Jan 2016	DNG02 .325.B0 70	13:20	14:31	71	65
9	DNG02.	06 Jan 2016	DNG02 .372.U0 04	13:10	13:52	42	65
10	DNG02.	09 Jan 2016	DNG02 .258.U0 12	4:53	5:15	23	65
11	DNG02.	09 Jan 2016	DNG02 .380.U0 07	15:30	16:23	53	65
12	DNG02.	13 Jan 2016	DNG02 .421.U0 16	10:55	12:00	65	65
13	DNG02.	17 Jan 2016	DNG02 .430	14:02	14:42	40	65
14	DNG02.	23 Jan 2016	DNG02 .290.U2 23.U01 8.T084	10:05	12:15	130	90
15	DNG02.	23 Jan 2016	DNG02 .451.S0 22.B02 4	12:45	13:40	55	65
16	DNG02.	24 Jan 2016	DNG02 .325.B0 26	15:29	17:27	118	90
17	DNG02.	22 Feb 2016	DNG02 .451.S0 22.S03 4	14:45	15:23	38	65
18	DNG02.	22 Feb 2016	DNG02 .468.T0 03	16:27	17:09	42	65
19	DNG02.	23 Feb 2016	DNG02 .290.U0 16	19:17	22:43	206	90
20	DNG02.	23 Feb 2016	DNG02 .410.S0 02	21:26	22:54	88	90
21	DNG02.	26 Feb 2016	DNG02 .360	14:58	16:46	108	90

No	Penyulang	Tanggal	Kode Tiang	Jam Padam	Jam Nyala	Lama Padam (menit)	Jumlah Pelanggan Terganggu
22	DNG02.	26 Feb 2016	DNG02 .240	17:37	17:44	7	65
23	DNG02.	01 Mar 2016	DNG02 .222.S0 03	3:19	17:16	837	90
24	DNG02.	01 Mar 2016	DNG02 .265	3:56	4:20	24	65
25	DNG02.	01 Mar 2016	DNG02 .541	4:34	5:43	69	65
26	DNG02.	02 Mar 2016	DNG02 .565.U0 10.B00 9	12:39	13:22	43	65
27	DNG02.	02 Mar 2016	DNG02 .565.U0 91	16:08	17:02	54	65
28	DNG02.	17 Mar 2016	DNG02 .571	16:52	17:51	59	65
29	DNG02.	18 Mar 2016	DNG02 .363.S0 02	11:00	12:35	95	90
30	DNG02.	26 Mar 2016	DNG02 .290.U0 22	0:17	0:46	29	65
31	DNG02.	20 Apr 2016	DNG02 .363.S0 13	18:23	20:01	98	90
32	DNG02.	02 Mei 2016	DNG02 .588.S0 03	16:16	17:35	79	65
33	DNG02.	04 Mei 2016	DNG02 .592.S0 50.B02 1	13:25	14:06	41	65
34	DNG02.	04 Mei 2016	DNG02 .324	14:12	16:11	119	90
35	DNG02.	15 Mei 2016	DNG02 .592.S0 50.B06 4	12:31	13:32	61	65
36	DNG02.	20 Mei 2016	DNG02 .290.U0 01	13:21	17:05	224	90

No	Penyulang	Tanggal	Kode Tiang	Jam Padam	Jam Nyala	Lama Padam (menit)	Jumlah Pelanggan Terganggu
37	DNG02.	08 Jun 2016	DNG02 .363.S0 06	9:52	11:38	106	90
38	DNG02.	15 Jun 2016	DNG02 .592.B0 64	14:03	14:43	40	65
39	DNG02.	19 Jun 2016	DNG02 .592.B0 75	18:04	18:42	38	65
40	DNG02.	08 Jul 2016	DNG02 .592.B0 18	1:06	1:46	40	65
41	DNG02.	23 Ju 2016	DNG02 .592.B1 32	14:46	16:01	75	65
42	DNG02.	05 Sept 2016	DNG02 .410.S0 03	13:32	14:56	84	90
43	DNG02.	07 Sept 2016	DNG02 .592.B1 64	14:42	15:42	60	65
44	DNG02.	28 Sept 2016	DNG02 .592.B1 74.S08 2.U010	10:15	10:54	39	65
45	DNG02.	02 Okt 2016	DNG02 .592.B1 74.S01 0	11:35	12:29	54	65
46	DNG02.	02 Okt 2016	DNG02 .290.U1 80	14:58	15:31	33	65
47	DNG02.	03 Okt 2016	DNG02 .592.B1 74.S09 4	3:05	3:48	43	65
48	DNG02.	03 Okt 2016	DNG02 .592.B2 30	3:56	4:55	59	65
49	DNG02.	03 Okt 2016	DNG02 .592.B1 73.U02 4	10:35	11:35	60	65

No	Penyulang	Tanggal	Kode Tiang	Jam Padam	Jam Nyala	Lama Padam (menit)	Jumlah Pelanggan Terganggu
50	DNG02.	06 Okt 2016	DNG02 .652.B0 10	10:14	11:05	51	65
51	DNG02.	07 Okt 2016	DNG02 .652.B0 25.B02 3	14:13	15:07	54	65
52	DNG02.	15 Okt 2016	DNG02 .652.B0 78.T02 6	7:52	8:33	41	65
53	DNG02.	05 Nov 2016	DNG02 .652.B1 46	3:39	4:54	75	65
54	DNG02.	12 Nov 2016	DNG02 .652.B1 88.S00 6	18:26	19:25	49	65
55	DNG02.	13 Nov 2016	DNG02 .290.U2 23.U01 8.T048	19:08	21:42	154	90
56	DNG02.	15 Nov 2016	DNG02 .652.B1 89.B01 6	10:53	11:40	47	65
57	DNG02.	02 Des 2016	DNG02 .652.B1 89.S02 4	7:00	7:50	50	65
58	DNG02.	03 Des 2016	DNG02 .290.U0 78	9:22	9:51	29	65
59	DNG02.	03 Des 2016	DNG02 .290.U2 23	14:34	16:41	127	90
Total							4285

LAMPIRAN 3

Data Gangguan Penyulang di Gardu Induk Banjarnegara pada tahun 2016

Bulan Januari 2016						
No	Penyulang	Tanggal	Kode Tiang	Jam Padam	Jam Nyala	Lama Padam (menit)
1	WBO.04	06 Jan 2016	WBO04.174	15:56	18:00	124
2	MRA.05	11 Jan 2016	MRA05.162.U03 0.U036	15:57	20:14	317
3	WBO.04	12 Jan 2016	WBO04.190.S011	8:48	9:13	25
4	MRA.05	13 Jan 2016	MRA05.228.U02 7.B068. B005	14:26	17:40	194
6	MRA.02	14 Jan 2016	MRA02.225.S067 .T043	14:11	15:58	107
7	MRA.03	14 Jan 2016	MRA03.131.U10 4.U021	14:26	16:12	106
8	MRA.01	21 Jan 2016	MRA01.172.S080	16:48	18:44	116
9	MRA.04	25 Jan 2016	MRA04.118.U00 5	4:08	5:37	89
10	DNG02.	01 Jan 2016	DNG02.291.B00 2	10:55	11:50	55
11	DNG02.	03 jan 2016	DNG02.431.U00 4	2:39	3:59	80
12	DNG02.	05 Jan 2016	DNG02.325.B07 0	13:20	14:31	71
13	MRA04.	05 Jan 2016	MRA04.177.S005	14:04	15:34	90
14	MRA02.	05 Jan 2016	MRA02.300.S018	14:18	5:16	64
15	MRA03.	05 Jan 2016	MRA03.126	14:49	15:32	43

Bulan Januari 2016						
No	Penyulang	Tanggal	Kode Tiang	Jam Padam	Jam Nyala	Lama Padam (menit)
16	MRA04.	05 Jan 2016	MRA04.096	16:46	16:53	7
17	DNG02.	06 Jan 2016	DNG02.372.U004	13:10	13:52	42
18	MRA02.	07 Jan 2016	MRA02.321.S046	12:28	9:21	107
19	MRA04.	08 Jan 2016	MRA04.076.U008.T016.B001.U003	22:56	23:34	38
20	MRA04.	09 Jan 2016	MRA04.094.U012	1:12	3:00	108
21	DNG02.	09 Jan 2016	DNG02.258.U012	4:53	5:15	23
22	DNG02.	09 Jan 2016	DNG02.380.U007	15:30	16:23	53
23	MRA04.	11 Jan 2016	MRA04.158.S004	16:57	17:38	41
24	MRA02.	11 Jan 2016	MRA02.130	18:49	19:07	18
25	MRA04.	12 Jan 2015	MRA04.119	13:58	14:44	46
26	MRA01.	12 Jan 2016	MRA01.183.S046	14:19	15:40	81
27	DNG02.	13 Jan 2016	DNG02.421.U016	10:55	12:00	65
28	MRA03.	13 Jan 2016	MRA03.131.U066	13:30	14:25	55
29	MRA05.	14 Jan 2016	MRA05.162.U073.T020	14:28	15:33	65

Bulan Januari 2016						
No	Penyulang	Tanggal	Kode Tiang	Jam Padam	Jam Nyala	Lama Padam (menit)
30	MRA03.	14 Jan 2016	MRA03. 131.U14 0.T002	14:20	17:45	205
31	MRA02.	15 Jan 2016	MRA02. 308	15:15	16:03	48
32	DNG02.	17 Jan 2016	DNG02. 430	14:02	14:42	40
33	MRA04.	18 Jan 2016	MRA04. 094.U01 2	5:20	5:59	39
34	MRA02.	19 Jan 2016	MRA02. 321.S045 .B022	15:22	16:40	78
35	MRA01.	20 Jan 2016	MRA01. 153.S050 .B051.T0 08	15:24	16:26	62
36	MRA04.	21 Jan 2016	MRA04. 094.U03 3	16:47	17:11	24
37	MRA03.	23 Jan 2016	MRA03. 049.B01 8	8:25	9:50	85
38	DNG02.	23 Jan 2016	DNG02. 290.U22 3.U018. T084	10:05	12:15	130
39	DNG02.	23 Jan 2016	DNG02. 451.S022 .B024	12:45	13:40	55
40	DNG02.	24 Jan 2016	DNG02. 325.B02 6	15:29	17:27	118
41	MRA01.	25 Jan 2016	MRA01. 230	14:48	15:57	69
42	MRA05.	28 Jan 2016	MRA05. 228.U10 3.S003	8:26	9:26	60
43	MRA03.	31 Jan 2016	MRA03. 131.U26 6	0:19	1:27	68

Bulan Februari 2016						
No	Penyulang	Tanggal	Kode Tiang	Jam Padam	Jam Nyala	Lama Padam (menit)
1	MRA.05	04 Feb 2016	MRA05. 228.U14 2	11:49	14:04	135
2	DNG.02	05 Feb 2016	DNG02. 237.U00 2	8:06	8:11	5
3	MRA01.	07 Feb 2016	MRA01. 153.S068	7:58	8:55	57
4	MRA03.	09 Feb 2016	MRA03. 131.U01 4.U067. B001	12:47	13:52	65
5	MRA02.	10 Feb 2016	MRA02. 135	4:02	5:26	84
6	MRA03.	10 Feb 2016	MRA03. 131.U20 1	15:18	16:02	44
7	MRA03.	12 Feb 2016	MRA03. 131.U13 1.T013	2:45	5:16	151
8	MRA03.	15 Feb 2016	MRA03. 059	15:50	16:22	32
9	MRA01.	18 Feb 2016	MRA01. 183.S011	14:37	15:22	45
10	MRA04.	21 Feb 2016	MRA04. 082.U00 2	11:25	12:13	48
11	DNG02.	22 Feb 2016	DNG02. 451.S022 .S034	14:45	15:23	38
12	DNG02.	22 Feb 2016	DNG02. 468.T00 3	16:27	17:09	42
13	DNG02.	23 Feb 2016	DNG02. 290.U01 6	19:17	22:43	206
14	DNG02.	23 Feb 2016	DNG02. 410.S002	21:26	22:54	88

15	WBO04.	25 Feb 2016	WBO04. 217.S022 .T013	18:45	20:14	89
16	DNG02.	26 Feb 2016	DNG02. 360	14:58	16:46	108
17	DNG02.	26 Feb 2016	DNG02. 240	17:37	17:44	7

Bulan Maret 2016						
No	Penyulang	Tanggal	Kode Tiang	Jam Padam	Jam Nyala	Lama Padam (menit)
1	MRA.05	01 Mar 2016	MRA05. 228.U02 7.B153.S 005	5:09	8:44	215
2	MRA.03	01 Mar 2016	MRA03. 131.U15 2.U055. U027	6:47	13:42	415
3	WBO.04	01 Mar 2016	WBO04. 161.S006	9:43	12:30	167
4	MRA.02	09 Mar 2016	MRA02. 119.U01 7	15:29	18:21	172
5	MRA.05	10 Mar 2016	MRA05. 162.U03 0.U026. T005	14:56	18:10	194
6	MRA.03	17 Mar 2016	MRA03. 131.U10 4.U054. B019	14:03	15:54	111
7	MRA.02	19 Mar 2016	MRA02. 145.S022 .S002	16:47	19:12	145
8	MRA.04	30 Mar 2016	MRA04. 185	18:21	20:39	138
9	DNG02.	01 Mar 2016	DNG02. 222.S003	3:19	17:16	837
10	DNG02.	01 Mar 2016	DNG02. 265	3:56	4:20	24

Bulan Maret 2016						
No	Penyulang	Tanggal	Kode Tiang	Jam Padam	Jam Nyala	Lama Padam (menit)
11	MRA03.	01 Mar 2016	MRA03.080.U031	3:50	4:40	50
12	DNG02.	01 Mar 2016	DNG02.541	4:34	5:43	69
13	MRA03.	01 Mar 2016	MRA03.131.U080	5:12	12:05	413
14	MRA02.	01 Mar 2016	MRA02.321.S019	10:35	11:27	52
15	MRA03.	01 Mar 2016	MRA03.131.U266.U012	17:28	18:35	67
16	MRA05.	01 Mar 2016	MRA05.228.U092	5:02	19:59	897
17	MRA03.	02 Mar 2016	MRA03.131.U021	8:10	9:21	71
18	DNG02.	02 Mar 2016	DNG02.565.U010.B009	12:39	13:22	43
19	DNG02.	02 Mar 2016	DNG02.565.U091	16:08	17:02	54
20	MRA01.	06 Mar 2016	MRA01.217.U019	11:52	12:30	38
21	MRA02.	07 Mar 2016	MRA02.218.U009	9:04	9:49	45
22	MRA02.	08 Mar 2016	MRA02.225.S074.T012	14:00	15:24	84
23	MRA01.	09 Mar 2016	MRA01.013	15:30	18:11	161
24	MRA03.	10 Mar 2016	MRA03.131.U153	14:31	15:20	49
25	MRA02.	10 Mar 2016	MRA02.225.S018	14:46	16:54	128

Bulan Maret 2016						
No	Penyulang	Tanggal	Kode Tiang	Jam Padam	Jam Nyala	Lama Padam (menit)
26	MRA04.	12 Mar 2016	MRA04.110.S002	14:59	15:52	53
27	DNG02.	17 Mar 2016	DNG02.571	16:52	17:51	59
28	DNG02.	18 Mar 2016	DNG02.363.S002	11:00	12:35	95
29	WBO04.	19 Mar 2016	WBO04.182.S084.S004	15:42	16:21	39
30	MRA03.	19 Mar 2016	MRA03.131.U240.U024	16:10	18:06	116
31	MRA01.	21 Mar 2016	MRA01.051.B002.S019	13:23	14:15	52
32	WBO04.	21 Mar 2016	WBO04.217.S035.S002	13:47	14:43	56
33	MRA04.	21 Mar 2016	MRA04.261	13:58	15:00	62
34	WBO04.	21 Mar 2016	WBO04.182.S003	18:14	18:32	18
35	WBO04.	22 Mar 2016	WBO04.196.U022	13:14	13:51	37
36	MRA05.	23 Mar 2016	MRA05.129	16:40	17:05	25
37	MRA04.	24 Mar 2016	MRA04.237.U001	15:54	17:05	71
38	MRA03.	24 Mar 2016	MRA03.131.U152.U007.B007	16:42	17:48	66
39	WBO04.	25 Mar 2016	WBO04.217.S112	15:17	16:07	50
40	DNG02.	26 Mar 2016	DNG02.290.U022	0:17	0:46	29

Bulan Maret 2016						
No	Penyulang	Tanggal	Kode Tiang	Jam Padam	Jam Nyala	Lama Padam (menit)
41	MRA01.	27 Mar 2016	MRA01. 235.U00 4	15:30	16:36	66
42	MRA04.	27 Mar 2016	MRA04. 076.U01 2	16:13	17:35	82
43	MRA02.	28 Mar 216	MRA02. 225.S012 .B066	13:58	15:07	69
44	MRA04.	29 Mar 2016	MRA04. 091.S003	15:49	16:28	39
45	MRA05.	29 Mar 2016	MRA05. 228.U00 4	14:21	14:44	23

Bulan April 2016						
No	Penyulang	Tanggal	Kode Tiang	Jam Padam	Jam Nyala	Lama Padam (menit)
1	MRA.05	01 Apr 2016	MRA05. 228.U02 7.B162.T 016	15:34	19:44	250
2	DNG.02	02 Apr 2016	DNG02. 190.U16 4.T039. U027	16:50	17:57	67
3	DNG.02	03 Apr 2016	DNG02. 274.U02 8	18:50	23:38	288
4	MRA.03	06 Apr 2016	MRA03. 131.U07 6.S040.B 001	14:59	16:46	107
5	MRA.05	16 Apr 2016	MRA05. 228.U02 7.B073	16:24	17:03	39
6	MRA.04	17 Apr 2016	MRA04. 064	5:22	6:40	78

Bulan April 2016						
No	Penyulang	Tanggal	Kode Tiang	Jam Padam	Jam Nyala	Lama Padam (menit)
7	DNG.02	30 Apr 2016	DNG02.290.U040	15:45	18:24	159
8	MRA02.	01 Apr 2016	MRA02.173.S027	15:48	16:08	20
9	MRA04.	04 Apr 2016	MRA04.094	14:03	16:28	145
10	WBO04.	06 Apr 2016	WBO04.190.S016	13:41	14:17	36
11	MRA04.	06 Apr 2016	MRA04.162	15:27	15:41	15
12	MRA05.	16 Apr 2016	MRA05.162.U017.U025	14:20	15:23	63
13	MRA05.	16 Apr 2016	MRA05.162.U030	16:07	17:52	105
14	DNG02.	20 Apr 2016	DNG02.363.S013	18:23	20:01	98
15	MRA01.	21 Apr 2016	MRA01.191.B007	4:26	5:36	70
16	MRA01.	21 Apr 2016	MRA01.051.B042.S012.S005	8:05	8:48	43
17	MRA01.	22 Apr 2016	MRA01.084.S003	13:33	14:16	43
18	MRA01.	22 Apr 2016	MRA01.115	16:06	16:47	41
19	MRA01.	25 Apr 2016	MRA01.153.S096.B002.S023	8:57	10:18	82
20	MRA03.	27 Apr 2016	MRA03.131.U019	17:47	18:07	20
21	MRA05.	29 Apr 2016	MRA05.162.U048	16:21	17:38	77

Bulan April 2016						
No	Penyulang	Tanggal	Kode Tiang	Jam Padam	Jam Nyala	Lama Padam (menit)
22	WBO04.	30 Apr 2016	WBO04. 217.S022 .T023	20:35	22:02	87

Bulan Mei 2016						
No	Penyulang	Tanggal	Kode Tiang	Jam Padam	Jam Nyala	Lama Padam (menit)
1	MRA02.	01 Mei 2016	MRA02. 225.S061 .S030	17:53	18:49	56
2	MRA02.	01 Mei 2016	MRA02. 226	19:12	19:15	3
3	MRA02.	02 Mei 2016	MRA02. 300.S031	5:26	6:49	83
4	MRA02.	02 Mei 2016	MRA02. 307.U00 6	13:42	15:05	83
5	DNG02.	02 Mei 2016	DNG02. 588.S003	16:16	17:35	79
6	MRA02.	02 Mei 2016	MRA02. 145.U02 6	17:10	18:10	60
7	WBO04.	03 Mei 2016	WBO04. 158	14:24	14:53	29
8	MRA02.	04 Mei 2016	MRA02. 173.S003	18:09	19:01	52
9	DNG02.	04 Mei 2016	DNG02. 592.S050 .B021	13:25	14:06	41
10	DNG02.	04 Mei 2016	DNG02. 324	14:12	16:11	119
11	MRA05.	07 Mei 2016	MRA05. 102	19:28	20:38	70
12	MRA04.	07 Mei 2016	MRA04. 110.S006	0:15	1:28	73
13	MRA05.	13 Mei 2016	MRA05. 162.U07 3.T039	9:49	10:27	38

Bulan Mei 2016						
No	Penyulang	Tanggal	Kode Tiang	Jam Padam	Jam Nyala	Lama Padam (menit)
14	MRA05.	13 Mei 2016	MRA05. 162.U04 7.U030	17:21	18:42	81
15	DNG02.	15 Mei 2016	DNG02. 592.S050 .B064	12:31	13:32	61
16	MRA05.	15 Mei 2016	MRA05. 228.U02 7.B08.S0 12.S006	12:21	13:21	60
17	DNG02.	20 Mei 2016	DNG02. 290.U00 1	13:21	17:05	224
18	MRA02.	20 Mei 2016	MRA02. 039.U00 8	19:34	20:57	83
19	MRA02.	22 Mei 2016	MRA02. 058.S002	9:57	22:42	765
20	MRA03.	29 Mei 2016	29 Mei 2016	18:24	18:37	13
21	MRA01.	31 Mei 2016	MRA01. 051.B02 3.U011	17:44	18:36	52

Bulan Juni 2016						
No	Penyulang	Tanggal	Kode Tiang	Jam Padam	Jam Nyala	Lama Padam (menit)
1	WBO04.	07 Jun 2016	WBO04. 217	14:54	15:23	29
2	MRA02.	07 Jun 2016	MRA02. 064	20:48	22:16	88
3	DNG02.	08 Jun 2016	DNG02. 363.S006	9:52	11:38	106
4	MRA05.	14 Jun 2016	MRA05. 053.U01 6	15:54	16:48	54
5	DNG02.	15 Jun 2016	DNG02. 592.B06 4	14:03	14:43	40

6	MRA05.	15 Jun 2016	MRA05. 228.U02 7.B050	15:58	17:08	70
7	WBO04.	16 Jun 2016	WBO04. 182.S066	11:41	12:43	62
8	DNG02.	19 Jun 2016	DNG02. 592.B07 5	18:04	18:42	38
9	MRA05.	21 Jun 2016	MRA05. 163	0:15	0:53	38
10	MRA02.	22 Jun 2016	MRA02. 192.S003	14:33	15:51	78
11	MRA02.	24 Jun 2016	MRA02. 145.U01 8	9:16	10:12	56
12	WBO04.	26 Jun 2016	WBO04. 182.S049	0:04	1:14	70
13	MRA04.	27 Jun 2016	MRA04. 177.S005 .B001	13:13	14:08	55

Bulan Juli 2016						
No	Penyulang	Tanggal	Kode Tiang	Jam Padam	Jam Nyala	Lama Padam (menit)
1	MRA.05	11 Jul 2016	MRA05. 162.U11 2	15:50	17:18	88
2	MRA.05	15 Jul 2016	MRA05. 162.U01 7.U010. T001	14:29	17:01	152
3	MRA.04	21 Jul 2016	MRA04. 194.B01 0	17:13	19:07	114
4	MRA.05	26 Jul 2016	MRA05. 162.U09 6	13:54	15:32	98
5	MRA.03	29 Jul 2016	MRA03. 131.U11 7.U009	9:09	11:15	126
6	MRA03.	03 Jul 2016	MRA03. 131.U00 3	9:49	10:21	32

Bulan Juli 2016						
No	Penyulang	Tanggal	Kode Tiang	Jam Padam	Jam Nyala	Lama Padam (menit)
7	MRA05.	05 Jul 2016	MRA05.091	17:54	18:02	8
8	DNG02.	08 Jul 2016	DNG02.592.B018	1:06	1:46	40
9	MRA02.	10 Jul 2016	MRA02.321.S013.T016	2:28	4:13	105
10	WBO04.	10 Jul 2016	WBO04.217.S005	8:34	9:40	66
11	MRA01.	13 Jul 2016	MRA01.191.B006.U004.T002	15:36	16:23	47
12	MRA03.	15 Ju 2016	MRA03.131.U131.T034	15:20	17:57	157
13	MRA01.	17 Jul 2016	MRA01.217.U005	12:22	12:47	25
14	MRA03.	21 Jul 2016	MRA03.080.U016	17:44	18:46	64
15	DNG02.	23 Ju 2016	DNG02.592.B132	14:46	16:01	75
16	MRA01.	24 Jul 2016	MRA01.209.U003	6:18	7:07	49
17	MRA05.	26 Jul 2016	MRA05.166.U096	13:54	15:29	95
18	MRA01.	27 Jul 2016	MRA01.217.U018	9:57	10:46	49
19	MRA03.	29 Jul 2016	MRA03.131.U152.U055.U016	9:09	11:11	122

Bulan Agustus 2016						
No	Penyulang	Tanggal	Kode Tiang	Jam Padam	Jam Nyala	Lama Padam (menit)
1	WBO04.	01 Aug 2016	WBO04. 196.U01 0	13:39	14:23	44
2	MRA04.	02 Aug 2016	MRA04 059	4:24	10:52	388
3	WBO04.	05 Aug 2016	WBO04. 190.S003	14:13	14:31	18
4	WBO04.	06 Aug 2016	WBO04. 182.S108	16:04	16:50	46
5	MRA04.	09 Aug 2016	MRA04. 237.U01 7	15:53	16:51	58
6	MRA05.	09 Aug 2016	MRA05. 228.U02 7.B015. B027.B0 14	16:55	18:26	91
7	MRA04.	12 Aug 2016	MRA04. 082.U00 5	15:31	16:22	51
8	WBO04.	13 Aug 2016	WBO04. 217.U02 8	7:10	8:21	71
9	MRA02.	22 Aug 2016	MRA02. 070.S001	23:56	1:37	101
10	MRA05.	28 Aug 2016	MRA05. 228.U09 2.U029.S 011	15:27	17:24	117
11	MRA02.	28 Aug 2016	MRA02. 119.U00 6	15:30	18:58	88
12	MRA03.	29 Aug 2016	MRA03. 131.U05 4	15:41	16:21	40
13	MRA03.	29 Aug 2016	MRA03. 131.U16 4	17:33	17:37	4
14	MRA05.	29 Aug 2016	MRA05. 116	18:16	18:27	11

Bulan Agustus 2016						
No	Penyulang	Tanggal	Kode Tiang	Jam Padam	Jam Nyala	Lama Padam (menit)
15	MRA05.	29 Aug 2016	MRA05.228.U043	18:38	19:08	30
16	WBO04.	31 Aug 2016	WBO04.182.S042	15:36	16:15	39

Bulan September 2016						
No	Penyulang	Tanggal	Kode Tiang	Jam Padam	Jam Nyala	Lama Padam (menit)
1	MRA.05	05 Sept 2016	MRA05.082.S010.S008	16:43	17:31	48
2	MRA.02	19 Sept 2016	MRA02.300.S003	13:43	15:27	104
3	MRA.03	19 Sept 2016	MRA03.049.B059	13:45	15:05	80
4	DNG02.	05 Sept 2016	DNG02.410.S003	13:32	14:56	84
5	MRA02.	06 Sept 2016	MRA02.225.S012.B008	13:12	15:34	142
6	MRA05.	06 Sept 2016	MRA05.137.U001	18:27	19:35	68
7	WBO04.	07 Sept 2016	WBO04.217.S035	23:36	0:22	46
8	DNG02.	07 Sept 2016	DNG02.592.B164	14:42	15:42	60
9	MRA05.	11 Sept 2016	MRA05.228.U027.B008	13:52	14:30	38
10	MRA05.	11 Sept 2016	MRA05.228.U027.B042.B006	15:21	15:40	19

Bulan September 2016						
No	Penyulang	Tanggal	Kode Tiang	Jam Padam	Jam Nyala	Lama Padam (menit)
11	WBO04.	12 Sept 2016	WBO04. 196.U00 6	19:10	19:13	3
12	MRA05.	13 Sept 2016	MRA05. 228.U13 7.S038	9:45	10:09	24
13	MRA05.	16 Sept 2016	MRA05. 228.U13 7.S015	17:36	18:21	45
14	WBO04.	19 Sept 2016	WBO04. 217.S133	11:52	12:26	34
15	MRA03.	20 Sept 2016	MRA03. 131.U07 6.S019	18:10	19:55	105
16	MRA01.	23 Sept 2016	MRA01. 209	16:30	17:18	48
17	MRA03.	25 Sept 2016	25 Sept 2016	13:05	14:17	72
18	DNG02.	28 Sept 2016	DNG02. 592.B17 4.S082.U 010	10:15	10:54	39
19	WBO04.	29 Sept 2016	WBO04. 182.S093	15:20	16:11	51

Bulan Oktober 2016						
No	Penyulang	Tanggal	Kode Tiang	Jam Padam	Jam Nyala	Lama Padam (menit)
1	MRA.05	25 Okt 2016	MRA05. 167.U00 7	20:21	21:36	75
2	MRA.02	26 Okt 2016	MRA02. 043.U01 1	13:55	20:20	385
3	DNG02.	02 Okt 2016	DNG02. 592.B17 4.S010	11:35	12:29	54

Bulan Oktober 2016						
No	Penyulang	Tanggal	Kode Tiang	Jam Padam	Jam Nyala	Lama Padam (menit)
4	WBO04.	02 Okt 2016	WBO04.226	13:43	15:09	86
5	DNG02.	02 Okt 2016	DNG02.290.U180	14:58	15:31	33
6	DNG02.	03 Okt 2016	DNG02.592.B174.S094	3:05	3:48	43
7	DNG02.	03 Okt 2016	DNG02.592.B230	3:56	4:55	59
8	MRA03.	03 Okt 2016	MRA03.051	4:12	5:42	90
9	DNG02.	03 Okt 2016	DNG02.592.B173.U024	10:35	11:35	60
10	MRA04.	03 Okt 2016	MRA04.210	13:34	14:04	40
11	MRA04.	05 Okt 2016	MRA04.180	14:46	15:58	72
12	MRA01.	05 Okt 2016	MRA01.224.S007.B007	14:56	15:29	33
13	DNG02.	06 Okt 2016	DNG02.652.B010	10:14	11:05	51
14	DNG02.	07 Okt 2016	DNG02.652.B025.B023	14:13	15:07	54
15	WBO04.	09 Okt 2016	WBO04.217.S022.T041	17:00	17:36	36
16	DNG02.	15 Okt 2016	DNG02.652.B078.T026	7:52	8:33	41
17	MRA03.	24 Okt 2016	MRA03.131.U021.S014	12:57	13:42	45
18	MRA05.	26 Okt 2016	MRA05.143.T028	12:48	15:42	174

Bulan Oktober 2016						
No	Penyulang	Tanggal	Kode Tiang	Jam Padam	Jam Nyala	Lama Padam (menit)
19	MRA01.	26 Okt 2016	MRA01 153 U007	13:09	13:50	41
20	MRA03.	27 Okt 2016	MRA03. 131.U02 1.B029	11:34	13:07	93
21	MRA05.	28 Okt 2016	MRA05. 162.U06 1	16:04	18:00	80

Bulan November 2016						
No	Penyulang	Tanggal	Kode Tiang	Jam Padam	Jam Nyala	Lama Padam (menit)
1	MRA.05	19 Nov 2016	MRA05. 162.U07 3	13:26	14:32	66
2	MRA05.	02 Nov 2016	MRA05. 228.U04 7	14:19	15:03	44
3	MRA03.	03 Nov 2016	MRA03. 104	10:48	11:59	51
4	WBO04.	04 Nov 2016	WBO04. 217.S060 .T012	14:21	15:07	46
5	DNG02.	05 Nov 2016	DNG02. 652.B14 6	3:39	4:54	75
6	MRA03.	07 Nov 2016	MRA03. 131.U01 5.T021	8:21	8:44	23
7	WBO04.	07 Nov 2016	WBO04. 184	12:02	13:42	100
8	MRA05.	08 Nov 2016	MRA05. 228.U16 2	13:09	17:02	233
9	MRA05.	09 Nov 2016	MRA05. 228.U02 7.B017	11:00	11:41	41

Bulan November 2016						
No	Penyulang	Tanggal	Kode Tiang	Jam Padam	Jam Nyala	Lama Padam (menit)
10	DNG02.	12 Nov 2016	DNG02.652.B18 8.S006	18:26	19:25	49
11	DNG02.	13 Nov 2016	DNG02.290.U22 3.U018. T048	19:08	21:42	154
12	MRA01.	14 Nov 2016	MRA01.172.S065	16:04	16:47	43
13	MRA01.	14 Nov 2016	MRA01.191.B01 5	19:53	20:00	7
14	DNG02.	15 Nov 2016	DNG02.652.B18 9.B016	10:53	11:40	47
15	MRA05.	17 Nov 2016	MRA05.228.U11 5.S010	9:25	10:03	38
16	WBO04.	20 Nov 2016	WBO04.217.S004	15:20	16:02	42
17	WBO04.	21 Nov 2016	WBO04.210..S00 4	18:02	18:34	32
18	MRA05.	22 Nov 2016	MRA05.228.U16 8	10:39	11:27	48
19	MRA01.	24 Nov 2016	MRA01.191.B01 3.T001	14:51	15:11	20
20	WBO04.	26 Nov 2016	WBO04.193	21:27	22:39	72
21	MRA02.	27 Nov 2016	MRA02.196	8:41	9:13	32
22	MRA04.	27 Nov 2016	MRA04.171	13:14	14:27	73
23	MRA01.	27 Nov 2016	MRA01.096.S070 .T022	19:55	20:47	52
24	MRA05.	29 Nov 2016	MRA05.228.U07. B060.T10	16:11	17:42	91

Bulan Desember 2016						
No	Penyulang	Tanggal	Kode Tiang	Jam Padam	Jam Nyala	Lama Padam (menit)
1	DNG.02	01 Des 2016	DNG02. 290.U22 3.U018. T061.S0 07	15:58	18:30	152
2	MRA.03	05 Des 2016	MRA03. 131.U24 9.S014.S 021	18:47	20:44	117
3	MRA.03	06 Des 2016	MRA03. 131.U26 6.U041	19:40	21:37	117
4	MRA.03	08 Des 2016	MRA03. 131.U07 6.S053.U 048	15:10	16:29	79
5	DNG02.	02 Des 2016	DNG02. 652.B18 9.S024	7:00	7:50	50
6	DNG02.	03 Des 2016	DNG02. 290.U07 8	9:22	9:51	29
7	DNG02.	03 Des 2016	DNG02. 290.U22 3	14:34	16:41	127
8	WBO04.	03 Des 2016	WBO04. 161.S009	22:51	23:26	35
9	MRA05.	07 Des 2016	MRA05. 228.U09 2.U009	20:09	20:38	29
10	WBO04.	08 Des 2016	WBO04. 161.S006	8:59	9:28	29
11	MRA03.	17 Des 2016	MRA03. 127	10:15	11:04	49
12	MRA04.	18 Des 2016	MRA04. 224	11:21	13:19	118
13	MRA03.	18 Des 2016	MR03.04 8.S004	17:55	18:12	17

14	MRA01.	23 Des 2016	MRA01. 172.S003 .T001	13:40	15:13	93
15	MRA05.	30 Des 2016	MRA05. 162.U01 7	1:08	2:53	105

LAMPIRAN 4

Perhitungan SAIDI

No	Penyulang	Tanggal	Kode Tiang	Jam Padam	Jam Nyala	Lama Padam (menit)	Jumlah Pelanggan Terganggu	Perhitungan
1	MRA.01	21 Jan 2016	MRA01. 172.S080	16:48	18:44	116	100	11600
2	MRA01.	12 Jan 2016	MRA01. 183.S046	14:19	15:40	81	120	9720
3	MRA01.	20 Jan 2016	MRA01. 153.S050 .B051.T0 08	15:24	16:26	62	125	7750
4	MRA01.	25 Jan 2016	MRA01. 230	14:48	15:57	69	120	8280
5	MRA01.	07 Feb 2016	MRA01. 153.S068	7:58	8:55	57	125	7125
6	MRA01.	18 Feb 2016	MRA01. 183.S011	14:37	15:22	45	130	5850
7	MRA01.	06 Mar 2016	MRA01. 217.U01 9	11:52	12:30	38	139	5282
8	MRA01.	09 Mar 2016	MRA01. 013	15:30	18:11	161	61	9821
9	MRA01.	21 Mar 2016	MRA01. 051.B00 2.S019	13:23	14:15	52	124	6448
10	MRA01.	27 Mar 2016	MRA01. 235.U00 4	15:30	16:36	66	123	8118
11	MRA01.	21 Apr 2016	MRA01. 191.B00 7	4:26	5:36	70	122	8540
12	MRA01.	21 Apr 2016	MRA01. 051.B04	8:05	8:48	43	130	5590

No	Penyulang	Tanggal	Kode Tiang	Jam Padam	Jam Nyala	Lama Padam (menit)	Jumlah Pelanggan Terganggu	Perhitungan
			2.S012.S005					
13	MRA01.	22 Apr 2016	MRA01.084.S003	13:33	14:16	43	132	5676
14	MRA01.	22 Apr 2016	MRA01.115	16:06	16:47	41	131	5371
15	MRA01.	25 Apr 2016	MRA01.153.S096.B002.S023	8:57	10:18	82	118	9676
16	MRA01.	31 Mei 2016	MRA01.051.B023.U011	17:44	18:36	52	125	6500
17	MRA01.	13 Jul 2016	MRA01.191.B006.U004.T002	15:36	16:23	47	128	6016
18	MRA01.	17 Jul 2016	MRA01.217.U005	12:22	12:47	25	141	3525
19	MRA01.	24 Jul 2016	MRA01.209.U003	6:18	7:07	49	126	6174
20	MRA01.	27 Jul 2016	MRA01.217.U018	9:57	10:46	49	126	6174
21	MRA01.	23 Sept 2016	MRA01.209	16:30	17:18	48	127	6096
22	MRA01.	05 Okt 2016	MRA01.224.S007.B007	14:56	15:29	33	140	4620
23	MRA01.	26 Okt 2016	MRA01.153.U007	13:09	13:50	41	132	5412
24	MRA01.	14 Nov 2016	MRA01.172.S065	16:04	16:47	43	130	5590
25	MRA01.	14 Nov 2016	MRA01.191.B015	19:53	20:00	7	168	1176
26	MRA01.	24 Nov 2016	MRA01.191.B013.T001	14:51	15:11	20	160	3200

No	Penyulang	Tanggal	Kode Tiang	Jam Padam	Jam Nyala	Lama Padam (menit)	Jumlah Pelanggan Terganggu	Perhitungan
27	MRA01.	27 Nov 2016	MRA01.096.S070.T022	19:55	20:47	52	125	6500
28	MRA01.	23 Des 2016	MRA01.172.S003.T001	13:40	15:13	93	116	10788
Total perhitungan						186618 (manit)	3110.3 (jam)	0.116 (hasil)

No	Penyulang	Tanggal	Kode Tiang	Jam Padam	Jam Nyala	Lama Padam (menit)	Jumlah Pelanggan Terganggu	Perhitungan
1	MRA.02	14 Jan 2016	MRA02.225.S067.T043	14:11	15:58	107	100	10700
2	MRA.02	09 Mar 2016	MRA02.119.U017	15:29	18:21	172	65	11180
3	MRA.02	19 Mar 2016	MRA02.145.S022.S002	16:47	19:12	145	71	10295
4	MRA.02	19 Sept 2016	MRA02.300.S003	13:43	15:27	104	106	11024
5	MRA.02	26 Okt 2016	MRA02.043.U011	13:55	20:20	385	50	19250
6	MRA02.	05 Jan 2016	MRA02.300.S018	14:18	5:16	64	134	8576
7	MRA02.	07 Jan 2016	MRA02.321.S046	12:28	9:21	107	100	10700
8	MRA02.	11 Jan 2016	MRA02.130	18:49	19:07	18	188	3384
9	MRA02.	15 Jan 2016	MRA02.308	15:15	16:03	48	155	7440
10	MRA02.	19 Jan 2016	MRA02.321.S045.B022	15:22	16:40	78	128	9984
11	MRA02.	10 Feb 2016	MRA02.135	4:02	5:26	84	113	9492

No	Penyulang	Tanggal	Kode Tiang	Jam Padam	Jam Nyala	Lama Padam (menit)	Jumlah Pelanggan Terganggu	Perhitungan
12	MRA02.	01 Mar 2016	MRA02.321.S019	10:35	11:27	52	145	7540
13	MRA02.	07 Mar 2016	MRA02.218.U009	9:04	9:49	45	158	7110
14	MRA02.	08 Mar 2016	MRA02.225.S074.T012	14:00	15:24	84	112	9408
15	MRA02.	10 Mar 2016	MRA02.225.S081	14:46	16:54	128	92	11776
16	MRA02.	28 Mar 216	MRA02.225.S012.B066	13:58	15:07	69	133	9177
17	MRA02.	01 Apr 2016	MRA02.173.S027	15:48	16:08	20	184	3680
18	MRA02.	01 Mei 2016	MRA02.225.S061.S030	17:53	18:49	56	139	7784
19	MRA02.	01 Mei 2016	MRA02.226	19:12	19:15	3	218	654
20	MRA02.	02 Mei 2016	MRA02.300.S031	5:26	6:49	83	121	10043
21	MRA02.	02 Mei 2016	MRA02.307.U006	13:42	15:05	83	122	10126
22	MRA02.	02 Mei 2016	MRA02.145.U026	17:10	18:10	60	136	8160
23	MRA02.	04 Mei 2016	MRA02.173.S003	18:09	19:01	52	142	7384
24	MRA02.	20 Mei 2016	MRA02.039.U008	19:34	20:57	83	116	9628
25	MRA02.	22 Mei 2016	MRA02.058.S002	9:57	22:42	765	47	35955
26	MRA02.	07 Jun 2016	MRA02.064	20:48	22:16	88	112	9856
27	MRA02.	22 Jun 2016	MRA02.192.S003	14:33	15:51	78	120	9360
28	MRA02.	24 Jun 2016	MRA02.145.U018	9:16	10:12	56	139	7784

No	Penyulang	Tanggal	Kode Tiang	Jam Padam	Jam Nyala	Lama Padam (menit)	Jumlah Pelanggan Terganggu	Perhitungan
29	MRA02.	10 Jul 2016	MRA02.321.S013.T016	2:28	4:13	105	105	11025
30	MRA02.	22 Aug 2016	MRA02.070.S001	23:56	1:37	101	103	10403
31	MRA02.	28 Aug 2016	MRA02.119.U006	15:30	18:58	88	113	9944
32	MRA02.	06 Sept 2016	MRA02.225.S012.B008	13:12	15:34	142	81	11502
33	MRA02.	27 Nov 2016	MRA02.196	8:41	9:13	32	158	5056
Total perhitungan						325380 (manit)	5423 (jam)	0.176 (hasil)

No	Penyulang	Tanggal	Kode Tiang	Jam Padam	Jam Nyala	Lama Padam (menit)	Jumlah Pelanggan Terganggu	Perhitungan
1	MRA.02	14 Jan 2016	MRA02.225.S067.T043	14:11	15:58	107	100	10700
2	MRA.02	09 Mar 2016	MRA02.119.U017	15:29	18:21	172	65	11180
3	MRA.02	19 Mar 2016	MRA02.145.S022.S002	16:47	19:12	145	71	10295
4	MRA.02	19 Sept 2016	MRA02.300.S003	13:43	15:27	104	106	11024
5	MRA.02	26 Okt 2016	MRA02.043.U011	13:55	20:20	385	50	19250
6	MRA02.	05 Jan 2016	MRA02.300.S018	14:18	5:16	64	134	8576
7	MRA02.	07 Jan 2016	MRA02.321.S046	12:28	9:21	107	100	10700
8	MRA02.	11 Jan 2016	MRA02.130	18:49	19:07	18	188	3384

No	Penyulang	Tanggal	Kode Tiang	Jam Padam	Jam Nyala	Lama Padam (menit)	Jumlah Pelanggan Terganggu	Perhitungan
9	MRA02.	15 Jan 2016	MRA02.308	15:15	16:03	48	155	7440
10	MRA02.	19 Jan 2016	MRA02.321.S045.B022	15:22	16:40	78	128	9984
11	MRA02.	10 Feb 2016	MRA02.135	4:02	5:26	84	113	9492
12	MRA02.	01 Mar 2016	MRA02.321.S019	10:35	11:27	52	145	7540
13	MRA02.	07 Mar 2016	MRA02.218.U009	9:04	9:49	45	158	7110
14	MRA02.	08 Mar 2016	MRA02.225.S074.T012	14:00	15:24	84	112	9408
15	MRA02.	10 Mar 2016	MRA02.225.S081	14:46	16:54	128	92	11776
16	MRA02.	28 Mar 216	MRA02.225.S012.B066	13:58	15:07	69	133	9177
17	MRA02.	01 Apr 2016	MRA02.173.S027	15:48	16:08	20	184	3680
18	MRA02.	01 Mei 2016	MRA02.225.S061.S030	17:53	18:49	56	139	7784
19	MRA02.	01 Mei 2016	MRA02.226	19:12	19:15	3	218	654
20	MRA02.	02 Mei 2016	MRA02.300.S031	5:26	6:49	83	121	10043
21	MRA02.	02 Mei 2016	MRA02.307.U006	13:42	15:05	83	122	10126
22	MRA02.	02 Mei 2016	MRA02.145.U026	17:10	18:10	60	136	8160
23	MRA02.	04 Mei 2016	MRA02.173.S003	18:09	19:01	52	142	7384
24	MRA02.	20 Mei 2016	MRA02.039.U008	19:34	20:57	83	116	9628
25	MRA02.	22 Mei 2016	MRA02.058.S002	9:57	22:42	765	47	35955

No	Penyulang	Tanggal	Kode Tiang	Jam Padam	Jam Nyala	Lama Padam (menit)	Jumlah Pelanggan Terganggu	Perhitungan
26	MRA02.	07 Jun 2016	MRA02.064	20:48	22:16	88	112	9856
27	MRA02.	22 Jun 2016	MRA02.192.S003	14:33	15:51	78	120	9360
28	MRA02.	24 Jun 2016	MRA02.145.U018	9:16	10:12	56	139	7784
29	MRA02.	10 Jul 2016	MRA02.321.S013.T016	2:28	4:13	105	105	11025
30	MRA02.	22 Aug 2016	MRA02.070.S001	23:56	1:37	101	103	10403
31	MRA02.	28 Aug 2016	MRA02.119.U006	15:30	18:58	88	113	9944
32	MRA02.	06 Sept 2016	MRA02.225.S012.B008	13:12	15:34	142	81	11502
33	MRA02.	27 Nov 2016	MRA02.196	8:41	9:13	32	158	5056
Total perhitungan						325380 (manit)	5423 (jam)	0.176 (hasil)

No	Penyulang	Tanggal	Kode Tiang	Jam Padam	Jam Nyala	Lama Padam (menit)	Jumlah Pelanggan Terganggu	Perhitungan
1	MRA.04	25 Jan 2016	MRA04.118.U005	4:08	5:37	89	128	11392
2	MRA.04	30 Mar 2016	MRA04.185	18:21	20:39	138	150	20700
3	MRA.04	17 Apr 2016	MRA04.064	5:22	6:40	78	117	9126
4	MRA.04	21 Jul 2016	MRA04.194.B010	17:13	19:07	114	142	16188
5	MRA04.	05 Jan 2016	MRA04.177.S005	14:04	15:34	90	138	12420
6	MRA04.	05 Jan 2016	MRA04.096	16:46	16:53	7	155	1085

No	Penyulang	Tanggal	Kode Tiang	Jam Padam	Jam Nyala	Lama Padam (menit)	Jumlah Pelanggan Terganggu	Perhitungan
7	MRA04.	08 Jan 2016	MRA04.076.U008.T016.B001.U003	22:56	23:34	38	90	3420
8	MRA04.	09 Jan 2016	MRA04.094.U012	1:12	3:00	108	140	15120
9	MRA04.	11 Jan 2016	MRA04.158.S004	16:57	17:38	41	94	3854
10	MRA04.	12 Jan 2015	MRA04.119	13:58	14:44	46	95	4370
11	MRA04.	18 Jan 2016	MRA04.094.U012	5:20	5:59	39	92	3588
12	MRA04.	21 Jan 2016	MRA04.094.U033	16:47	17:11	24	86	2064
13	MRA04.	21 Feb 2016	MRA04.082.U002	11:25	12:13	48	96	4608
14	MRA04.	12 Mar 2016	MRA04.110.S002	14:59	15:52	53	98	5194
15	MRA04.	21 Mar 2016	MRA04.261	13:58	15:00	62	104	6448
16	MRA04.	24 Mar 2016	MRA04.237.U001	15:54	17:05	71	110	7810
17	MRA04.	27 Mar 2016	MRA04.076.U012	16:13	17:35	82	122	10004
18	MRA04.	29 Mar 2016	MRA04.091.S003	15:49	16:28	39	90	3510
19	MRA04.	04 Apr 2016	MRA04.094	14:03	16:28	145	154	22330
20	MRA04.	06 Apr 2016	MRA04.162	15:27	15:41	15	81	1215
21	MRA04.	07 Mei 2016	MRA04.110.S006	0:15	1:28	73	113	8249
22	MRA04.	27 Jun 2016	MRA04.177.S005.B001	13:13	14:08	55	99	5445

No	Penyulang	Tanggal	Kode Tiang	Jam Padam	Jam Nyala	Lama Padam (menit)	Jumlah Pelanggan Terganggu	Perhitungan
23	MRA04.	02 Aug 2016	MRA04.059	4:24	10:52	388	63	24444
24	MRA04.	09 Aug 2016	MRA04.237.U017	15:53	16:51	58	100	5800
25	MRA04.	12 Aug 2016	MRA04.082.U005	15:31	16:22	51	96	4896
26	MRA04.	03 Okt 2016	MRA04.210	13:34	14:04	40	95	3800
27	MRA04.	05 Okt 2016	MRA04.180	14:46	15:58	72	112	8064
28	MRA04.	27 Nov 2016	MRA04.171	13:14	14:27	73	116	8468
29	MRA04.	18 Des 2016	MRA04.224	11:21	13:19	118	149	17582
Total perhiungan						251194 (menit)	4186.567 (jam)	0.103 (hasil)

No	Penyulang	Tanggal	Kode Tiang	Jam Padam	Jam Nyala	Lama Padam (menit)	Jumlah Pelanggan Terganggu	Perhitungan
1	MRA.05	11 Jan 2016	MRA05.162.U030.U036	15:57	20:14	317	77	24409
2	MRA.05	13 Jan 2016	MRA05.228.U027.B068.B005	14:26	17:40	194	81	15714
3	MRA.05	04 Feb 2016	MRA05.228.U142	11:49	14:04	135	85	11475
4	MRA.05	01 Mar 2016	MRA05.228.U027.B153.S005	5:09	8:44	215	79	16985
5	MRA.05	10 Mar 2016	MRA05.162.U030.U026.T005	14:56	18:10	194	82	15908

No	Penyulang	Tanggal	Kode Tiang	Jam Padam	Jam Nyala	Lama Padam (menit)	Jumlah Pelanggan Terganggu	Perhitungan
6	MRA.05	01 Apr 2016	MRA05.228.U02 7.B162.T016	15:34	19:44	250	78	19500
7	MRA.05	16 Apr 2016	MRA05.228.U02 7.B073	16:24	17:03	39	134	5226
8	MRA.05	11 Jul 2016	MRA05.162.U11 2	15:50	17:18	88	98	8624
9	MRA.05	15 Jul 2016	MRA05.162.U01 7.U010.T001	14:29	17:01	152	84	12768
10	MRA.05	26 Jul 2016	MRA05.162.U09 6	13:54	15:32	98	91	8918
11	MRA.05	05 Sept 2016	MRA05.082.S010 .S008	16:43	17:31	48	118	5664
12	MRA.05	25 Okt 2016	MRA05.167.U00 7	20:21	21:36	75	103	7725
13	MRA.05	19 Nov 2016	MRA05.162.U07 3	13:26	14:32	66	109	7194
14	MRA05.	14 Jan 2016	MRA05.162.U07 3.T020	14:28	15:33	65	109	7085
15	MRA05.	28 Jan 2016	MRA05.228.U10 3.S003	8:26	9:26	60	114	6840
16	MRA05.	01 Mar 2016	MRA05.228.U09 2	5:02	19:59	897	65	58305
17	MRA05.	23 Mar 2016	MRA05.129	16:40	17:05	25	149	3725
18	MRA05.	29 Mar 2016	MRA05.228.U00 4	14:21	14:44	23	155	3565
19	MRA05.	16 Apr 2016	MRA05.162.U01 7.U025	14:20	15:23	63	111	6993

No	Penyulang	Tanggal	Kode Tiang	Jam Padam	Jam Nyala	Lama Padam (menit)	Jumlah Pelanggan Terganggu	Perhitungan
20	MRA05.	16 Apr 2016	MRA05.162.U030	16:07	17:52	105	89	9345
21	MRA05.	29 Apr 2016	MRA05.162.U048	16:21	17:38	77	102	7854
22	MRA05.	07 Mei 2016	MRA05.102	19:28	20:38	70	104	7280
23	MRA05.	13 Mei 2016	MRA05.162.U073.T039	9:49	10:27	38	138	5244
24	MRA05.	13 Mei 2016	MRA05.162.U047.U030	17:21	18:42	81	99	8019
25	MRA05.	15 Mei 2016	MRA05.228.U027.B08.S012.S006	12:21	13:21	60	117	7020
26	MRA05.	14 Jun 2016	MRA05.053.U016	15:54	16:48	54	117	6318
27	MRA05.	15 Jun 2016	MRA05.228.U027.B050	15:58	17:08	70	106	7420
28	MRA05.	21 Jun 2016	MRA05.163	0:15	0:53	38	139	5282
29	MRA05.	05 Jul 2016	MRA05.091	17:54	18:02	8	185	1480
30	MRA05.	26 Jul 2016	MRA05.166.U096	13:54	15:29	95	94	8930
31	MRA05.	09 Aug 2016	MRA05.228.U027.B015.B027.B014	16:55	18:26	91	96	8736
32	MRA05.	28 Aug 2016	MRA05.228.U092.U029.S011	15:27	17:24	117	86	10062
33	MRA05.	29 Aug 2016	MRA05.116	18:16	18:27	11	178	1958

No	Penyulang	Tanggal	Kode Tiang	Jam Padam	Jam Nyala	Lama Padam (menit)	Jumlah Pelanggan Terganggu	Perhitungan
34	MRA05.	29 Aug 2016	MRA05.228.U043	18:38	19:08	30	141	4230
35	MRA05.	06 Sept 2016	MRA05.137.U001	18:27	19:35	68	109	7412
36	MRA05.	11 Sept 2016	MRA05.228.U027.B008	13:52	14:30	38	139	5282
37	MRA05.	11 Sept 2016	MRA05.228.U027.B042.B006	15:21	15:40	19	161	3059
38	MRA05.	13 Sept 2016	MRA05.228.U137.S038	9:45	10:09	24	151	3624
39	MRA05.	16 Sept 2016	MRA05.228.U137.S015	17:36	18:21	45	127	5715
40	MRA05.	26 Okt 2016	MRA05.143.T028	12:48	15:42	174	84	14616
41	MRA05.	28 Okt 2016	MRA05.162.U061	16:04	18:00	80	100	8000
42	MRA05.	02 Nov 2016	MRA05.228.U047	14:19	15:03	44	132	5808
43	MRA05.	08 Nov 2016	MRA05.228.U162	13:09	17:02	233	79	18407
44	MRA05.	09 Nov 2016	MRA05.228.U027.B017	11:00	11:41	41	133	5453
45	MRA05.	17 Nov 2016	MRA05.228.U115.S010	9:25	10:03	38	140	5320
46	MRA05.	22 Nov 2016	MRA05.228.U168	10:39	11:27	48	121	5808
47	MRA05.	29 Nov 2016	MRA05.228.U02	16:11	17:42	91	97	8827

No	Penyulang	Tanggal	Kode Tiang	Jam Padam	Jam Nyala	Lama Padam (menit)	Jumlah Pelanggan Terganggu	Perhitungan
			7.B060.T010					
48	MRA05.	07 Des 2016	MRA05.228.U092.U009	20:09	20:38	29	148	4292
49	MRA05.	30 Des 2016	MRA05.162.U017	1:08	2:53	105	90	9450
Total perhitungan						456874 (menit)	7614.567 (jam)	0.594 (hasil)

No	Penyulang	Tanggal	Kode Tiang	Jam Padam	Jam Nyala	Lama Padam (menit)	Jumlah Pelanggan Terganggu	Perhitungan
1	WBO.04	06 Jan 2016	WBO04.174	15:56	18:00	124	76	9424
2	WBO.04	12 Jan 2016	WBO04.190.S011	8:48	9:13	25	144	3600
3	WBO.04	01 Mar 2016	WBO04.161.S006	9:43	12:30	167	70	11690
4	WBO04.	25 Feb 2016	WBO04.217.S022.T013	18:45	20:14	89	82	7298
5	WBO04.	19 Mar 2016	WBO04.182.S084.S004	15:42	16:21	39	107	4173
6	WBO04.	21 Mar 2016	WBO04.217.S035.S002	13:47	14:43	56	94	5264
7	WBO04.	21 Mar 2016	WBO04.182.S003	18:14	18:32	18	155	2790
8	WBO04.	22 Mar 2016	WBO04.196.U022	13:14	13:51	37	111	4107
9	WBO04.	25 Mar 2016	WBO04.217.S112	15:17	16:07	50	102	5100
10	WBO04.	06 Apr 2016	WBO04.190.S016	13:41	14:17	36	114	4104
11	WBO04.	30 Apr 2016	WBO04.217.S022.T023	20:35	22:02	87	83	7221

No	Penyulang	Tanggal	Kode Tiang	Jam Padam	Jam Nyala	Lama Padam (menit)	Jumlah Pelanggan Terganggu	Perhitungan
12	WBO04.	03 Mei 2016	WBO04.158	14:24	14:53	29	128	3712
13	WBO04.	07 Jun 2016	WBO04.217	14:54	15:23	29	127	3683
14	WBO04.	16 Jun 2016	WBO04.182.S066	11:41	12:43	62	93	5766
15	WBO04.	26 Jun 2016	WBO04.182.S049	0:04	1:14	70	91	6370
16	WBO04.	10 Jul 2016	WBO04.217.S005	8:34	9:40	66	92	6072
17	WBO04.	01 Aug 2016	WBO04.196.U010	13:39	14:23	44	111	4884
18	WBO04.	05 Aug 2016	WBO04.190.S003	14:13	14:31	18	147	2646
19	WBO04.	06 Aug 2016	WBO04.182.S108	16:04	16:50	46	103	4738
20	WBO04.	13 Aug 2016	WBO04.217.U028	7:10	8:21	71	90	6390
21	WBO04.	31 Aug 2016	WBO04.182.S042.S011	15:36	16:15	39	107	4173
22	WBO04.	07 Sept 2016	WBO04.217.S035	23:36	0:22	46	106	4876
23	WBO04.	12 Sept 2016	WBO04.196.U006	19:10	19:13	3	160	480
24	WBO04.	19 Sept 2016	WBO04.217.S133	11:52	12:26	34	116	3944
25	WBO04.	29 Sept 2016	WBO04.182.S093	15:20	16:11	51	101	5151
26	WBO04.	02 Okt 2016	WBO04.226	13:43	15:09	86	85	7310
27	WBO04.	09 Okt 2016	WBO04.217.S022.T041	17:00	17:36	36	114	4104
28	WBO04.	04 Nov 2016	WBO04.217.S060.T012	14:21	15:07	46	102	4692
29	WBO04.	07 Nov 2016	WBO04.184	12:02	13:42	100	81	8100

No	Penyulang	Tanggal	Kode Tiang	Jam Padam	Jam Nyala	Lama Padam (menit)	Jumlah Pelanggan Terganggu	Perhitungan
30	WBO04.	20 Nov 2016	WBO04.217.S004	15:20	16:02	42	102	4284
31	WBO04.	21 Nov 2016	WBO04.210..S004	18:02	18:34	32	116	3712
32	WBO04.	26 Nov 2016	WBO04.193	21:27	22:39	72	86	6192
33	WBO04.	03 Des 2016	WBO04.161.S009	22:51	23:26	35	114	3990
34	WBO04.	08 Des 2016	WBO04.161.S006	8:59	9:28	29	122	3538
Total perhitungan						173578 (menit)	2892.967 (jam)	0.604 (hasil)

No	Penyulang	Tanggal	Kode Tiang	Jam Padam	Jam Nyala	Lama Padam (menit)	Jumlah Pelanggan Terganggu	perhitungan
1	DNG.02	05 Feb 2016	DNG02.237.U002	8:06	8:11	5	65	325
2	DNG.02	02 Apr 2016	DNG02.190.U164.T039.U027	16:50	17:57	67	65	4355
3	DNG.02	03 Apr 2016	DNG02.274.U028	18:50	23:38	288	90	25920
4	DNG.02	30 Apr 2016	DNG02.290.U040	15:45	18:24	159	90	14310
5	DNG.02	01 Des 2016	DNG02.290.U223.U018.T061.S007	15:58	18:30	152	90	13680
6	DNG02.	01 Jan 2016	DNG02.291.B002	10:55	11:50	55	65	3575
7	DNG02.	03 jan 2016	DNG02.431.U004	2:39	3:59	80	90	7200

No	Penyulang	Tanggal	Kode Tiang	Jam Padam	Jam Nyala	Lama Padam (menit)	Jumlah Pelanggan Terganggu	perhitungan
8	DNG02.	05 Jan 2016	DNG02.325.B070	13:20	14:31	71	65	4615
9	DNG02.	06 Jan 2016	DNG02.372.U004	13:10	13:52	42	65	2730
10	DNG02.	09 Jan 2016	DNG02.258.U012	4:53	5:15	23	65	1495
11	DNG02.	09 Jan 2016	DNG02.380.U007	15:30	16:23	53	65	3445
12	DNG02.	13 Jan 2016	DNG02.421.U016	10:55	12:00	65	65	4225
13	DNG02.	17 Jan 2016	DNG02.430	14:02	14:42	40	65	2600
14	DNG02.	23 Jan 2016	DNG02.290.U223.U018.T084	10:05	12:15	130	90	11700
15	DNG02.	23 Jan 2016	DNG02.451.S022.B024	12:45	13:40	55	65	3575
16	DNG02.	24 Jan 2016	DNG02.325.B026	15:29	17:27	118	90	10620
17	DNG02.	22 Feb 2016	DNG02.451.S022.S034	14:45	15:23	38	65	2470
18	DNG02.	22 Feb 2016	DNG02.468.T003	16:27	17:09	42	65	2730
19	DNG02.	23 Feb 2016	DNG02.290.U016	19:17	22:43	206	90	18540
20	DNG02.	23 Feb 2016	DNG02.410.S002	21:26	22:54	88	90	7920
21	DNG02.	26 Feb 2016	DNG02.360	14:58	16:46	108	90	9720
22	DNG02.	26 Feb 2016	DNG02.240	17:37	17:44	7	65	455

No	Penyulang	Tanggal	Kode Tiang	Jam Padam	Jam Nyala	Lama Padam (menit)	Jumlah Pelanggan Terganggu	perhitungan
23	DNG02.	01 Mar 2016	DNG02.222.S003	3:19	17:16	837	90	75330
24	DNG02.	01 Mar 2016	DNG02.265	3:56	4:20	24	65	1560
25	DNG02.	01 Mar 2016	DNG02.541	4:34	5:43	69	65	4485
26	DNG02.	02 Mar 2016	DNG02.565.U010.B009	12:39	13:22	43	65	2795
27	DNG02.	02 Mar 2016	DNG02.565.U091	16:08	17:02	54	65	3510
28	DNG02.	17 Mar 2016	DNG02.571	16:52	17:51	59	65	3835
29	DNG02.	18 Mar 2016	DNG02.363.S002	11:00	12:35	95	90	8550
30	DNG02.	26 Mar 2016	DNG02.290.U022	0:17	0:46	29	65	1885
31	DNG02.	20 Apr 2016	DNG02.363.S013	18:23	20:01	98	90	8820
32	DNG02.	02 Mei 2016	DNG02.588.S003	16:16	17:35	79	65	5135
33	DNG02.	04 Mei 2016	DNG02.592.S050.B021	13:25	14:06	41	65	2665
34	DNG02.	04 Mei 2016	DNG02.324	14:12	16:11	119	90	10710
35	DNG02.	15 Mei 2016	DNG02.592.S050.B064	12:31	13:32	61	65	3965
36	DNG02.	20 Mei 2016	DNG02.290.U001	13:21	17:05	224	90	20160
37	DNG02.	08 Jun 2016	DNG02.363.S006	9:52	11:38	106	90	9540
38	DNG02.	15 Jun 2016	DNG02.592.B064	14:03	14:43	40	65	2600
39	DNG02.	19 Jun 2016	DNG02.592.B075	18:04	18:42	38	65	2470

No	Penyulang	Tanggal	Kode Tiang	Jam Padam	Jam Nyala	Lama Padam (menit)	Jumlah Pelanggan Terganggu	perhitungan
40	DNG02.	08 Jul 2016	DNG02.592.B018	1:06	1:46	40	65	2600
41	DNG02.	23 Ju 2016	DNG02.592.B132	14:46	16:01	75	65	4875
42	DNG02.	05 Sept 2016	DNG02.410.S003	13:32	14:56	84	90	7560
43	DNG02.	07 Sept 2016	DNG02.592.B164	14:42	15:42	60	65	3900
44	DNG02.	28 Sept 2016	DNG02.592.B174.S082.U010	10:15	10:54	39	65	2535
45	DNG02.	02 Okt 2016	DNG02.592.B174.S010	11:35	12:29	54	65	3510
46	DNG02.	02 Okt 2016	DNG02.290.U180	14:58	15:31	33	65	2145
47	DNG02.	03 Okt 2016	DNG02.592.B174.S094	3:05	3:48	43	65	2795
48	DNG02.	03 Okt 2016	DNG02.592.B230	3:56	4:55	59	65	3835
49	DNG02.	03 Okt 2016	DNG02.592.B173.U024	10:35	11:35	60	65	3900
50	DNG02.	06 Okt 2016	DNG02.652.B010	10:14	11:05	51	65	3315
51	DNG02.	07 Okt 2016	DNG02.652.B025.B023	14:13	15:07	54	65	3510
52	DNG02.	15 Okt 2016	DNG02.652.B078.T026	7:52	8:33	41	65	2665
53	DNG02.	05 Nov 2016	DNG02.652.B146	3:39	4:54	75	65	4875

No	Penyulang	Tanggal	Kode Tiang	Jam Padam	Jam Nyala	Lama Padam (menit)	Jumlah Pelanggan Terganggu	perhitungan
54	DNG02.	12 Nov 2016	DNG02.652.B188.S006	18:26	19:25	49	65	3185
55	DNG02.	13 Nov 2016	DNG02.290.U223.U018.T048	19:08	21:42	154	90	13860
56	DNG02.	15 Nov 2016	DNG02.652.B189.B016	10:53	11:40	47	65	3055
57	DNG02.	02 Des 2016	DNG02.652.B189.S024	7:00	7:50	50	65	3250
58	DNG02.	03 Des 2016	DNG02.290.U078	9:22	9:51	29	65	1885
59	DNG02.	03 Des 2016	DNG02.290.U223	14:34	16:41	127	90	11430
Total perhitungan						412905 (menit)	6881.75 (jam)	0.265 (hasil)