

BAB V

KESIMPULAN DAN SARAN

5.1. Kesimpulan

Berdasarkan Tugas Akhir yang dilakukan di PLTGU Muara Karang CCPP 400-500 MW, maka dapat disimpulkan secara garis besar mengenai sistem pembangkit pada suatu PLTGU serta pentingnya menjaga suhu pada air pendingin yang digunakan dalam *cooling system* turbin di PLTGU Muara Karang. Dari Tugas Akhir yang sudah dilakukan, dapat ditarik kesimpulan bahwa pola sebaran air panas mengalami perubahan yang sangat signifikan ketika Pulau G sudah terbentuk sepenuhnya, hal ini juga menyebabkan peningkatan suhu air pada bangunan *intake* hingga Δt 5°C lebih sedangkan kenaikan suhu air yang tercantum pada kontrak proyek adalah Δt 0°C mengingat suhu normal pada perairan pantai di dekat PLTGU Muara Karang adalah Δt 29°C hingga Δt 30°C.

Solusi yang coba ditawarkan ialah dengan penambahan panjang kanal *intake* hingga 700 m sehingga panjang total kanal mencapai 2000 m. Solusi ini terbukti dapat mengembalikan suhu air menjadi normal kembali yaitu kenaikan suhu air berada di angka Δt 0°C dan hal ini menunjukkan bahwa suhu air pendingin dapat digunakan karena memenuhi syarat. Namun solusi perpanjangan *intake* tidak mungkin di realisasikan karena apabila kanal *intake* diperpanjang akan sangat sulit dalam metode pengerjaannya karena kedalamannya sudah mencapai 7 m dan pastinya akan memakan banyak biaya dalam pelaksanaannya, pemanjangan kanal *intake* ini juga berdampak pada mata pencaharian nelayan di sekitar pantai mutiara

karena tentunya kanal tersebut akan mengganggu kegiatan nelayan dalam mencari ikan.

PT Mutiara Wisesa Samudera yang merupakan kontraktor yang melaksanakan reklamasi Pulau G ini sempat memberikan solusi dengan membuat pembatas yang terhubung dari pulau G hingga ke kanal *intake* dengan tujuan mengarahkan aliran air yang bersuhu tinggi yang berasal dari outfall untuk memutar Pulau G sehingga air tersebut akan melewati lintasan yang cukup panjang sehingga ketika air buangan sampai pada mulut kanal *intake* suhu air sudah mencapai suhu normal kembali. Namun solusi itu ditolak karena pembuatan pembatas itu tidak dapat direalisasikan karena terdapat pipa gas milik PGN yang berada diantara Pulau G dengan PLTGU Muara Karang. Apabila solusi tersebut dilaksanakan dapat merusak pipa gas yang ada di dasar laut dan tentunya sangat membahayakan.

Sekarang ini reklamasi Pulau G diberhentikan karena Andal Pulau G sendiri masih belum disetujui karena beberapa aspek yang belum terpenuhi, salah satunya adalah mengganggu area sebaran panas pada PLTGU Muara Karang dan belum ada solusi konkret yang dapat dilakukan selain menolak pembangunan reklamasi Pulau G itu sendiri.

5.2. Saran

Saran yang dapat diberikan setelah melihat hasil penelitian ini adalah seperti tercantum di bawah ini.

1. Perlunya komputer dengan spesifikasi yang cukup supaya ketika pada proses *running program* tidak memakan waktu yang sangat lama dan tidak sering terjadi *error* ketika proses penginputan data berlangsung.
2. Studi ini dapat digunakan oleh perusahaan sebagai acuan dalam menentukan langkah ke depan dalam penyelesaian masalah sebaran panas ini.
3. Akan lebih baik apabila menggunakan data pengukuran terbaru agar hasil yang didapat lebih valid.
4. Pada penelitian selanjutnya dapat dicoba dengan menggunakan solusi lain yang lebih efektif dan konkret dalam pelaksanaannya sehingga dapat sangat membantu dalam pengambilan keputusan untuk rencana kedepan PLTGU dalam menyikapi pembangunan reklamasi Pulau G apabila akan dilanjutkan kembali.

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Lampiran 2.

**Report of Depth Averaged Velocity
PLTGU Muara Karang CCPP 400-500 MW**

SKENARIO I		Location :		Intake
Date	Time	X component of depth averaged velocity (m/s)	Y component of depth averaged velocity (m/s)	magnitude of depth averaged velocity (m/s)
02/06/2017	00.00.00	0	0	0
02/06/2017	01.00.00	-0.00231109	-0.118251	0.118273
02/06/2017	02.00.00	-0.00443455	-0.111905	0.111993
02/06/2017	03.00.00	-0.00389699	-0.117737	0.117801
02/06/2017	04.00.00	-0.00367062	-0.12258	0.122635
02/06/2017	05.00.00	-0.00358817	-0.125667	0.125718
02/06/2017	06.00.00	-0.00342253	-0.126731	0.126777
02/06/2017	07.00.00	-0.00335293	-0.124811	0.124856
02/06/2017	08.00.00	-0.00337838	-0.1205	0.120548
02/06/2017	09.00.00	-0.00346141	-0.114968	0.11502
02/06/2017	10.00.00	-0.0035755	-0.109223	0.109282
02/06/2017	11.00.00	-0.00368414	-0.104114	0.104179
02/06/2017	12.00.00	-0.00380049	-0.100151	0.100224
02/06/2017	13.00.00	-0.00392333	-0.0978149	0.0978936
02/06/2017	14.00.00	-0.00402502	-0.0974926	0.0975756
02/06/2017	15.00.00	-0.00409125	-0.0992017	0.099286
02/06/2017	16.00.00	-0.00409696	-0.102554	0.102636
02/06/2017	17.00.00	-0.00402997	-0.10668	0.106757
02/06/2017	18.00.00	-0.00391678	-0.110414	0.110483
02/06/2017	19.00.00	-0.00380288	-0.112825	0.112889
02/06/2017	20.00.00	-0.00372741	-0.113648	0.113709
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02/06/2017	22.00.00	-0.00370789	-0.112215	0.112276
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03/06/2017	01.00.00	-0.00383508	-0.110873	0.110939
03/06/2017	02.00.00	-0.00386895	-0.112733	0.112799
03/06/2017	03.00.00	-0.0038538	-0.11626	0.116324
03/06/2017	04.00.00	-0.0037616	-0.12097	0.121028
03/06/2017	05.00.00	-0.00359737	-0.12551	0.125562

03/06/2017	06.00.00	-0.00341916	-0.12801	0.128056
03/06/2017	07.00.00	-0.00330892	-0.127151	0.127194
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03/06/2017	09.00.00	-0.00339589	-0.117145	0.117194
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03/06/2017	15.00.00	-0.00408009	-0.0987423	0.0988265
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03/06/2017	17.00.00	-0.00405815	-0.106128	0.106205
03/06/2017	18.00.00	-0.00394218	-0.110392	0.110462
03/06/2017	19.00.00	-0.00380562	-0.113343	0.113407
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04/06/2017	06.00.00	-0.00348724	-0.127499	0.127546
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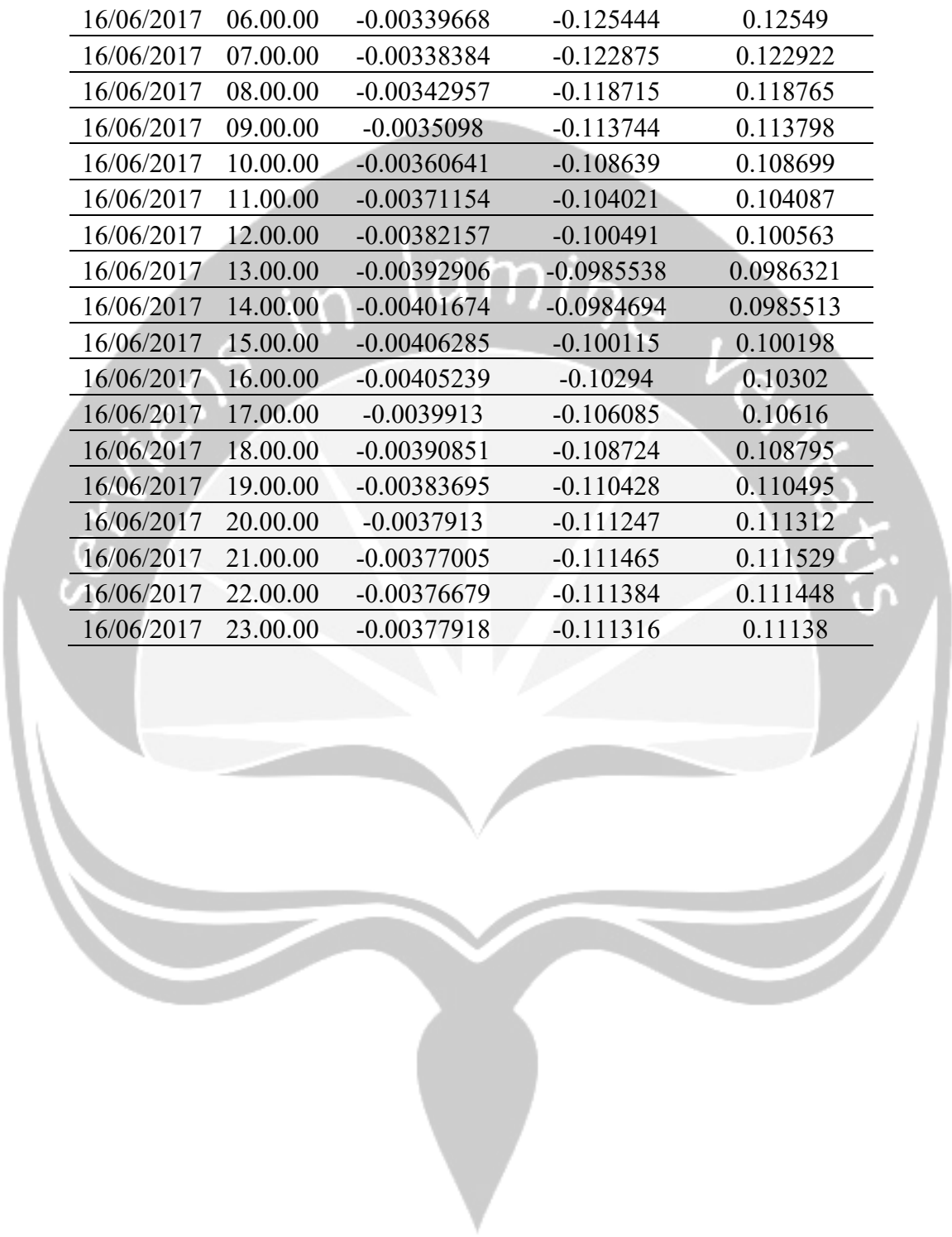
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08/06/2017	11.00.00	-0.00359607	-0.109225	0.109284
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08/06/2017	16.00.00	-0.00404456	-0.103744	0.103823
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08/06/2017	20.00.00	-0.00372272	-0.116793	0.116852
08/06/2017	21.00.00	-0.00363407	-0.117596	0.117652
08/06/2017	22.00.00	-0.00358825	-0.116622	0.116677
08/06/2017	23.00.00	-0.00360074	-0.11427	0.114327
09/06/2017	00.00.00	-0.00366578	-0.111519	0.111579
09/06/2017	01.00.00	-0.00375795	-0.109493	0.109558
09/06/2017	02.00.00	-0.00384157	-0.108988	0.109055
09/06/2017	03.00.00	-0.003885	-0.110199	0.110267
09/06/2017	04.00.00	-0.00386893	-0.112707	0.112773
09/06/2017	05.00.00	-0.00379868	-0.115633	0.115695
09/06/2017	06.00.00	-0.00370307	-0.117984	0.118042
09/06/2017	07.00.00	-0.00361733	-0.119025	0.11908
09/06/2017	08.00.00	-0.00356357	-0.118438	0.118491
09/06/2017	09.00.00	-0.00354893	-0.11624	0.116294
09/06/2017	10.00.00	-0.00357374	-0.112728	0.112785
09/06/2017	11.00.00	-0.0036367	-0.10851	0.108571
09/06/2017	12.00.00	-0.00373042	-0.104465	0.104531
09/06/2017	13.00.00	-0.00384132	-0.101505	0.101578
09/06/2017	14.00.00	-0.00394949	-0.100305	0.100383
09/06/2017	15.00.00	-0.00402839	-0.101127	0.101207
09/06/2017	16.00.00	-0.00405417	-0.10375	0.103829
09/06/2017	17.00.00	-0.0040155	-0.107515	0.10759

09/06/2017	18.00.00	-0.00392565	-0.111517	0.111586
09/06/2017	19.00.00	-0.00381493	-0.114908	0.114971
09/06/2017	20.00.00	-0.00371222	-0.117141	0.1172
09/06/2017	21.00.00	-0.00363595	-0.117969	0.118025
09/06/2017	22.00.00	-0.00359528	-0.117371	0.117426
09/06/2017	23.00.00	-0.00359662	-0.115594	0.11565
10/06/2017	00.00.00	-0.00364052	-0.113246	0.113304
10/06/2017	01.00.00	-0.00371461	-0.1112	0.111262
10/06/2017	02.00.00	-0.00379439	-0.110281	0.110346
10/06/2017	03.00.00	-0.00384804	-0.110913	0.11098
10/06/2017	04.00.00	-0.00384818	-0.112918	0.112983
10/06/2017	05.00.00	-0.00378937	-0.115496	0.115558
10/06/2017	06.00.00	-0.00369724	-0.117523	0.117581
10/06/2017	07.00.00	-0.00361533	-0.118095	0.11815
10/06/2017	08.00.00	-0.00357543	-0.116947	0.117002
10/06/2017	09.00.00	-0.00358183	-0.114402	0.114459
10/06/2017	10.00.00	-0.00362155	-0.11101	0.11107
10/06/2017	11.00.00	-0.00368296	-0.107317	0.107381
10/06/2017	12.00.00	-0.00376054	-0.103876	0.103944
10/06/2017	13.00.00	-0.00385134	-0.101293	0.101366
10/06/2017	14.00.00	-0.00394648	-0.100148	0.100226
10/06/2017	15.00.00	-0.00402544	-0.10083	0.100911
10/06/2017	16.00.00	-0.00406115	-0.103347	0.103427
10/06/2017	17.00.00	-0.00403092	-0.107212	0.107288
10/06/2017	18.00.00	-0.00393806	-0.111487	0.111556
10/06/2017	19.00.00	-0.00381524	-0.115114	0.115177
10/06/2017	20.00.00	-0.00370515	-0.117389	0.117448
10/06/2017	21.00.00	-0.0036337	-0.118186	0.118242
10/06/2017	22.00.00	-0.00360309	-0.117769	0.117824
10/06/2017	23.00.00	-0.00360468	-0.116504	0.11656
11/06/2017	00.00.00	-0.00363314	-0.114789	0.114847
11/06/2017	01.00.00	-0.00368408	-0.113139	0.113199
11/06/2017	02.00.00	-0.0037456	-0.112163	0.112226
11/06/2017	03.00.00	-0.00379593	-0.112345	0.112409
11/06/2017	04.00.00	-0.00380801	-0.113747	0.11381
11/06/2017	05.00.00	-0.00376673	-0.115822	0.115883
11/06/2017	06.00.00	-0.00368559	-0.117513	0.117571
11/06/2017	07.00.00	-0.00360648	-0.117766	0.117821
11/06/2017	08.00.00	-0.00357032	-0.11617	0.116225

11/06/2017	09.00.00	-0.00358937	-0.113142	0.113199
11/06/2017	10.00.00	-0.00364681	-0.109501	0.109562
11/06/2017	11.00.00	-0.00372003	-0.105959	0.106025
11/06/2017	12.00.00	-0.00379549	-0.102971	0.10304
11/06/2017	13.00.00	-0.00387212	-0.100853	0.100928
11/06/2017	14.00.00	-0.00394955	-0.0999334	0.100011
11/06/2017	15.00.00	-0.00401882	-0.100531	0.100611
11/06/2017	16.00.00	-0.00405887	-0.102792	0.102872
11/06/2017	17.00.00	-0.00404282	-0.106477	0.106554
11/06/2017	18.00.00	-0.00396074	-0.110826	0.110896
11/06/2017	19.00.00	-0.00383527	-0.114729	0.114793
11/06/2017	20.00.00	-0.00371408	-0.117253	0.117311
11/06/2017	21.00.00	-0.00363677	-0.118145	0.118201
11/06/2017	22.00.00	-0.003611	-0.117821	0.117876
11/06/2017	23.00.00	-0.0036192	-0.1169	0.116956
12/06/2017	00.00.00	-0.00364276	-0.115833	0.115891
12/06/2017	01.00.00	-0.0036731	-0.11489	0.114948
12/06/2017	02.00.00	-0.0037075	-0.11432	0.11438
12/06/2017	03.00.00	-0.00373874	-0.114408	0.114469
12/06/2017	04.00.00	-0.00374964	-0.115303	0.115364
12/06/2017	05.00.00	-0.00372362	-0.116739	0.116798
12/06/2017	06.00.00	-0.00366167	-0.117928	0.117985
12/06/2017	07.00.00	-0.00359316	-0.117862	0.117917
12/06/2017	08.00.00	-0.00355914	-0.115965	0.11602
12/06/2017	09.00.00	-0.00358168	-0.112533	0.11259
12/06/2017	10.00.00	-0.00365062	-0.108493	0.108555
12/06/2017	11.00.00	-0.00373879	-0.104781	0.104848
12/06/2017	12.00.00	-0.00382418	-0.101958	0.10203
12/06/2017	13.00.00	-0.00389833	-0.100231	0.100306
12/06/2017	14.00.00	-0.00396186	-0.0996613	0.09974
12/06/2017	15.00.00	-0.00401499	-0.10034	0.10042
12/06/2017	16.00.00	-0.00404844	-0.102364	0.102444
12/06/2017	17.00.00	-0.00404189	-0.105657	0.105734
12/06/2017	18.00.00	-0.00397861	-0.109739	0.109811
12/06/2017	19.00.00	-0.00386616	-0.113685	0.113751
12/06/2017	20.00.00	-0.00374278	-0.116481	0.116541
12/06/2017	21.00.00	-0.00365551	-0.117636	0.117693
12/06/2017	22.00.00	-0.00362499	-0.117471	0.117527
12/06/2017	23.00.00	-0.00363737	-0.116772	0.116829

13/06/2017	00.00.00	-0.00366405	-0.11621	0.116268
13/06/2017	01.00.00	-0.00368404	-0.116055	0.116113
13/06/2017	02.00.00	-0.00369208	-0.116275	0.116334
13/06/2017	03.00.00	-0.00369171	-0.11678	0.116838
13/06/2017	04.00.00	-0.00368321	-0.117525	0.117583
13/06/2017	05.00.00	-0.00365956	-0.118373	0.11843
13/06/2017	06.00.00	-0.0036172	-0.118881	0.118936
13/06/2017	07.00.00	-0.00356949	-0.118324	0.118378
13/06/2017	08.00.00	-0.00354539	-0.116139	0.116193
13/06/2017	09.00.00	-0.00356949	-0.112438	0.112494
13/06/2017	10.00.00	-0.00364159	-0.10805	0.108111
13/06/2017	11.00.00	-0.00373976	-0.104019	0.104087
13/06/2017	12.00.00	-0.00383873	-0.101091	0.101164
13/06/2017	13.00.00	-0.0039214	-0.0995439	0.0996211
13/06/2017	14.00.00	-0.0039812	-0.0993218	0.0994016
13/06/2017	15.00.00	-0.0040193	-0.100256	0.100337
13/06/2017	16.00.00	-0.00403701	-0.102222	0.102301
13/06/2017	17.00.00	-0.0040277	-0.105112	0.105189
13/06/2017	18.00.00	-0.00397957	-0.108659	0.108732
13/06/2017	19.00.00	-0.00389048	-0.112261	0.112328
13/06/2017	20.00.00	-0.00378124	-0.115078	0.11514
13/06/2017	21.00.00	-0.00369179	-0.1165	0.116558
13/06/2017	22.00.00	-0.00365233	-0.116606	0.116663
13/06/2017	23.00.00	-0.00366149	-0.116125	0.116182
14/06/2017	00.00.00	-0.0036919	-0.115903	0.115962
14/06/2017	01.00.00	-0.00371175	-0.116404	0.116463
14/06/2017	02.00.00	-0.00370341	-0.117555	0.117614
14/06/2017	03.00.00	-0.00366941	-0.118936	0.118993
14/06/2017	04.00.00	-0.0036255	-0.120085	0.120139
14/06/2017	05.00.00	-0.00358448	-0.120688	0.120741
14/06/2017	06.00.00	-0.00355058	-0.120509	0.120561
14/06/2017	07.00.00	-0.00352677	-0.119241	0.119293
14/06/2017	08.00.00	-0.00352413	-0.116599	0.116652
14/06/2017	09.00.00	-0.00355675	-0.112656	0.112712
14/06/2017	10.00.00	-0.00362957	-0.108043	0.108104
14/06/2017	11.00.00	-0.00373048	-0.103725	0.103792
14/06/2017	12.00.00	-0.00383887	-0.100551	0.100625
14/06/2017	13.00.00	-0.00393428	-0.0989605	0.0990386
14/06/2017	14.00.00	-0.00400077	-0.0989502	0.0990311

14/06/2017	15.00.00	-0.00403233	-0.100216	0.100297
14/06/2017	16.00.00	-0.00403264	-0.102357	0.102436
14/06/2017	17.00.00	-0.00400829	-0.105044	0.10512
14/06/2017	18.00.00	-0.00396198	-0.108019	0.108091
14/06/2017	19.00.00	-0.00389375	-0.11096	0.111028
14/06/2017	20.00.00	-0.00381059	-0.113383	0.113447
14/06/2017	21.00.00	-0.00373499	-0.114812	0.114873
14/06/2017	22.00.00	-0.00369339	-0.115166	0.115226
14/06/2017	23.00.00	-0.00369544	-0.114946	0.115005
15/06/2017	00.00.00	-0.00372477	-0.114977	0.115037
15/06/2017	01.00.00	-0.00374874	-0.115914	0.115975
15/06/2017	02.00.00	-0.00373697	-0.117864	0.117924
15/06/2017	03.00.00	-0.00367974	-0.120321	0.120377
15/06/2017	04.00.00	-0.00359522	-0.122412	0.122464
15/06/2017	05.00.00	-0.00351692	-0.123358	0.123408
15/06/2017	06.00.00	-0.00347064	-0.122799	0.122848
15/06/2017	07.00.00	-0.00346254	-0.120753	0.120803
15/06/2017	08.00.00	-0.00348695	-0.117412	0.117464
15/06/2017	09.00.00	-0.00353955	-0.113076	0.113132
15/06/2017	10.00.00	-0.0036189	-0.108279	0.108339
15/06/2017	11.00.00	-0.00371966	-0.103785	0.103851
15/06/2017	12.00.00	-0.00383062	-0.100384	0.100457
15/06/2017	13.00.00	-0.00393535	-0.0986182	0.0986967
15/06/2017	14.00.00	-0.00401358	-0.0986349	0.0987165
15/06/2017	15.00.00	-0.00404921	-0.100166	0.100248
15/06/2017	16.00.00	-0.00403873	-0.102644	0.102724
15/06/2017	17.00.00	-0.00399397	-0.105432	0.105507
15/06/2017	18.00.00	-0.00393415	-0.108052	0.108124
15/06/2017	19.00.00	-0.00387311	-0.110263	0.110331
15/06/2017	20.00.00	-0.00381523	-0.111937	0.112002
15/06/2017	21.00.00	-0.00376638	-0.112951	0.113013
15/06/2017	22.00.00	-0.00373741	-0.113296	0.113358
15/06/2017	23.00.00	-0.003738	-0.113277	0.113338
16/06/2017	00.00.00	-0.00376318	-0.113525	0.113588
16/06/2017	01.00.00	-0.00378941	-0.114719	0.114782
16/06/2017	02.00.00	-0.00378322	-0.11718	0.117241
16/06/2017	03.00.00	-0.00371923	-0.120572	0.120629
16/06/2017	04.00.00	-0.0036036	-0.12387	0.123922
16/06/2017	05.00.00	-0.00347856	-0.125779	0.125827



16/06/2017	06.00.00	-0.00339668	-0.125444	0.12549
16/06/2017	07.00.00	-0.00338384	-0.122875	0.122922
16/06/2017	08.00.00	-0.00342957	-0.118715	0.118765
16/06/2017	09.00.00	-0.0035098	-0.113744	0.113798
16/06/2017	10.00.00	-0.00360641	-0.108639	0.108699
16/06/2017	11.00.00	-0.00371154	-0.104021	0.104087
16/06/2017	12.00.00	-0.00382157	-0.100491	0.100563
16/06/2017	13.00.00	-0.00392906	-0.0985538	0.0986321
16/06/2017	14.00.00	-0.00401674	-0.0984694	0.0985513
16/06/2017	15.00.00	-0.00406285	-0.100115	0.100198
16/06/2017	16.00.00	-0.00405239	-0.10294	0.10302
16/06/2017	17.00.00	-0.0039913	-0.106085	0.10616
16/06/2017	18.00.00	-0.00390851	-0.108724	0.108795
16/06/2017	19.00.00	-0.00383695	-0.110428	0.110495
16/06/2017	20.00.00	-0.0037913	-0.111247	0.111312
16/06/2017	21.00.00	-0.00377005	-0.111465	0.111529
16/06/2017	22.00.00	-0.00376679	-0.111384	0.111448
16/06/2017	23.00.00	-0.00377918	-0.111316	0.11138

Lampiran 3.

**Report of Depth Averaged Velocity
PLTGU Muara Karang CCPP 400-500 MW**

SKENARIO I		Location : Kanal Intake		
Date	Time	X component of depth averaged velocity (m/s)	Y component of depth averaged velocity (m/s)	magnitude of depth averaged velocity (m/s)
02/06/2017	00.00.00	0	0	0
02/06/2017	01.00.00	-0.0260883	-0.105339	0.108521
02/06/2017	02.00.00	-0.0364566	-0.10852	0.11448
02/06/2017	03.00.00	-0.0454499	-0.130843	0.138512
02/06/2017	04.00.00	-0.0454922	-0.132365	0.139964
02/06/2017	05.00.00	-0.0466283	-0.137167	0.144876
02/06/2017	06.00.00	-0.0483385	-0.142812	0.150771
02/06/2017	07.00.00	-0.0492142	-0.146462	0.154509
02/06/2017	08.00.00	-0.0491133	-0.147056	0.155041
02/06/2017	09.00.00	-0.0481324	-0.14472	0.152514
02/06/2017	10.00.00	-0.046748	-0.140506	0.148078
02/06/2017	11.00.00	-0.0451144	-0.134942	0.142283
02/06/2017	12.00.00	-0.0433503	-0.128478	0.135595
02/06/2017	13.00.00	-0.0415554	-0.121828	0.12872
02/06/2017	14.00.00	-0.039979	-0.116299	0.122979
02/06/2017	15.00.00	-0.0389946	-0.113278	0.119802
02/06/2017	16.00.00	-0.0389912	-0.113695	0.120195
02/06/2017	17.00.00	-0.0400691	-0.117375	0.124026
02/06/2017	18.00.00	-0.041821	-0.122834	0.129758
02/06/2017	19.00.00	-0.0435597	-0.128057	0.135263
02/06/2017	20.00.00	-0.0447476	-0.131553	0.138955
02/06/2017	21.00.00	-0.0452569	-0.132958	0.140449
02/06/2017	22.00.00	-0.0452331	-0.1327	0.140197
02/06/2017	23.00.00	-0.0448586	-0.13129	0.138742
03/06/2017	00.00.00	-0.0442509	-0.129063	0.136438
03/06/2017	01.00.00	-0.0435252	-0.126476	0.133756
03/06/2017	02.00.00	-0.0429178	-0.124482	0.131672
03/06/2017	03.00.00	-0.0428321	-0.124452	0.131616

03/06/2017	04.00.00	-0.0436856	-0.127485	0.134763
03/06/2017	05.00.00	-0.0455263	-0.13347	0.141021
03/06/2017	06.00.00	-0.0477465	-0.140632	0.148517
03/06/2017	07.00.00	-0.049366	-0.146281	0.154387
03/06/2017	08.00.00	-0.0497654	-0.148424	0.156545
03/06/2017	09.00.00	-0.0490114	-0.146723	0.154692
03/06/2017	10.00.00	-0.0475496	-0.1422	0.149939
03/06/2017	11.00.00	-0.045781	-0.13616	0.143651
03/06/2017	12.00.00	-0.0439304	-0.129541	0.136787
03/06/2017	13.00.00	-0.0421102	-0.122992	0.130001
03/06/2017	14.00.00	-0.0404479	-0.117284	0.124062
03/06/2017	15.00.00	-0.0392261	-0.113536	0.120121
03/06/2017	16.00.00	-0.0388524	-0.112892	0.119391
03/06/2017	17.00.00	-0.0396247	-0.115822	0.122413
03/06/2017	18.00.00	-0.0413823	-0.121472	0.128327
03/06/2017	19.00.00	-0.043437	-0.127749	0.134931
03/06/2017	20.00.00	-0.0449854	-0.132396	0.13983
03/06/2017	21.00.00	-0.0456417	-0.134248	0.141795
03/06/2017	22.00.00	-0.0455155	-0.13359	0.141131
03/06/2017	23.00.00	-0.0449309	-0.131438	0.138906
04/06/2017	00.00.00	-0.0441673	-0.128725	0.136091
04/06/2017	01.00.00	-0.0433925	-0.126041	0.133302
04/06/2017	02.00.00	-0.0427534	-0.123953	0.131119
04/06/2017	03.00.00	-0.0425057	-0.123358	0.130476
04/06/2017	04.00.00	-0.0430242	-0.125339	0.132518
04/06/2017	05.00.00	-0.0445602	-0.130425	0.137827
04/06/2017	06.00.00	-0.0468319	-0.1377	0.145446
04/06/2017	07.00.00	-0.0489274	-0.144703	0.152751
04/06/2017	08.00.00	-0.0499083	-0.148707	0.156858
04/06/2017	09.00.00	-0.0495014	-0.148312	0.156355
04/06/2017	10.00.00	-0.0481032	-0.144094	0.151911
04/06/2017	11.00.00	-0.0462482	-0.137715	0.145274
04/06/2017	12.00.00	-0.0443107	-0.130762	0.138066
04/06/2017	13.00.00	-0.0424858	-0.12422	0.131285
04/06/2017	14.00.00	-0.0408718	-0.118658	0.1255
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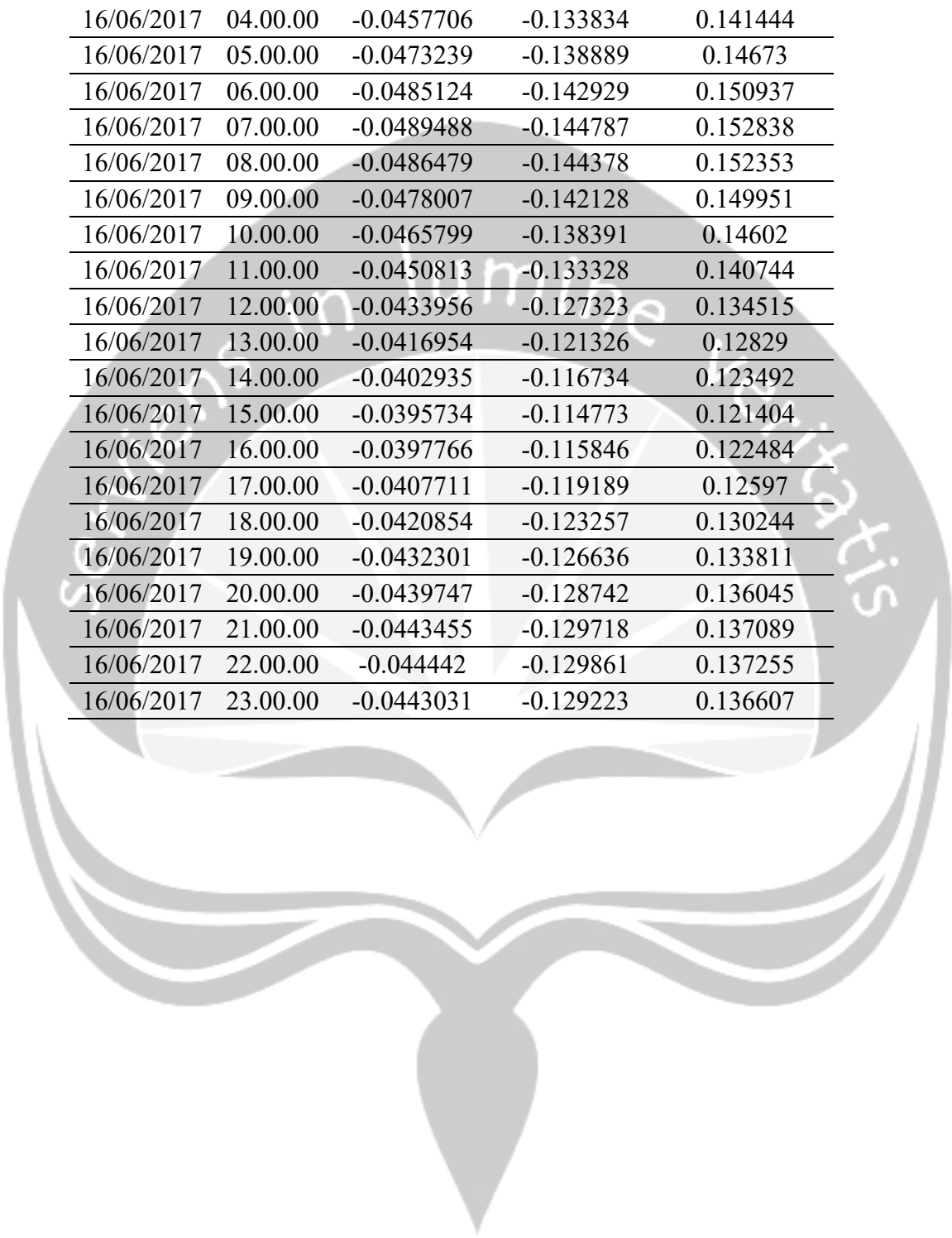
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14/06/2017	23.00.00	-0.0453733	-0.132565	0.140115
15/06/2017	00.00.00	-0.0450088	-0.131062	0.138575
15/06/2017	01.00.00	-0.0446024	-0.129614	0.137073
15/06/2017	02.00.00	-0.044577	-0.129621	0.137072
15/06/2017	03.00.00	-0.0451363	-0.131576	0.139103
15/06/2017	04.00.00	-0.0461209	-0.134831	0.142501
15/06/2017	05.00.00	-0.0471368	-0.138163	0.145982
15/06/2017	06.00.00	-0.04785	-0.140623	0.148541
15/06/2017	07.00.00	-0.0481394	-0.141916	0.149859
15/06/2017	08.00.00	-0.0480101	-0.142054	0.149948
15/06/2017	09.00.00	-0.0474485	-0.140824	0.148602
15/06/2017	10.00.00	-0.0464234	-0.1378	0.145409
15/06/2017	11.00.00	-0.0449784	-0.132893	0.140298
15/06/2017	12.00.00	-0.0432799	-0.126822	0.134003
15/06/2017	13.00.00	-0.0416135	-0.121005	0.127961
15/06/2017	14.00.00	-0.0403487	-0.116948	0.123713
15/06/2017	15.00.00	-0.0397929	-0.115498	0.122161
15/06/2017	16.00.00	-0.0400085	-0.116503	0.123181
15/06/2017	17.00.00	-0.0407677	-0.119017	0.125806
15/06/2017	18.00.00	-0.0417362	-0.121985	0.128928
15/06/2017	19.00.00	-0.0426943	-0.12483	0.131929
15/06/2017	20.00.00	-0.0435704	-0.127432	0.134674
15/06/2017	21.00.00	-0.0443081	-0.129635	0.136998
15/06/2017	22.00.00	-0.0447732	-0.130956	0.138398
15/06/2017	23.00.00	-0.0448302	-0.130884	0.138349
16/06/2017	00.00.00	-0.0445058	-0.129532	0.136964
16/06/2017	01.00.00	-0.0440614	-0.127928	0.135303
16/06/2017	02.00.00	-0.0439291	-0.127587	0.134938
16/06/2017	03.00.00	-0.0444897	-0.129598	0.137022



16/06/2017	04.00.00	-0.0457706	-0.133834	0.141444
16/06/2017	05.00.00	-0.0473239	-0.138889	0.14673
16/06/2017	06.00.00	-0.0485124	-0.142929	0.150937
16/06/2017	07.00.00	-0.0489488	-0.144787	0.152838
16/06/2017	08.00.00	-0.0486479	-0.144378	0.152353
16/06/2017	09.00.00	-0.0478007	-0.142128	0.149951
16/06/2017	10.00.00	-0.0465799	-0.138391	0.14602
16/06/2017	11.00.00	-0.0450813	-0.133328	0.140744
16/06/2017	12.00.00	-0.0433956	-0.127323	0.134515
16/06/2017	13.00.00	-0.0416954	-0.121326	0.12829
16/06/2017	14.00.00	-0.0402935	-0.116734	0.123492
16/06/2017	15.00.00	-0.0395734	-0.114773	0.121404
16/06/2017	16.00.00	-0.0397766	-0.115846	0.122484
16/06/2017	17.00.00	-0.0407711	-0.119189	0.12597
16/06/2017	18.00.00	-0.0420854	-0.123257	0.130244
16/06/2017	19.00.00	-0.0432301	-0.126636	0.133811
16/06/2017	20.00.00	-0.0439747	-0.128742	0.136045
16/06/2017	21.00.00	-0.0443455	-0.129718	0.137089
16/06/2017	22.00.00	-0.0444442	-0.129861	0.137255
16/06/2017	23.00.00	-0.0443031	-0.129223	0.136607

Lampiran 4.

**Report of Depth Averaged Velocity
PLTGU Muara Karang CCPP 400-500 MW**

SKENARIO I		Location :		100 m from outfall
Date	Time	X component of depth averaged velocity (m/s)	Y component of depth averaged velocity (m/s)	magnitude of depth averaged velocity (m/s)
02/06/2017	00.00.00	0	0	0
02/06/2017	01.00.00	0.0101365	0.00573315	0.0116455
02/06/2017	02.00.00	0.00364093	0.00781754	0.00862382
02/06/2017	03.00.00	0.00529915	0.00955492	0.010926
02/06/2017	04.00.00	0.00637498	0.00877326	0.0108448
02/06/2017	05.00.00	0.00705685	0.00760491	0.0103747
02/06/2017	06.00.00	0.00798171	0.0054584	0.00966963
02/06/2017	07.00.00	0.00869329	0.00303215	0.00920691
02/06/2017	08.00.00	0.00898365	0.00100398	0.00903957
02/06/2017	09.00.00	0.00845963	0.00025198	0.00846338
02/06/2017	10.00.00	0.00767548	0.00140448	0.00780292
02/06/2017	11.00.00	0.00638925	0.00211873	0.00673138
02/06/2017	12.00.00	0.004673	0.00252178	0.00531002
02/06/2017	13.00.00	0.00260294	0.00254999	0.00364386
02/06/2017	14.00.00	0.000621301	0.00228179	0.00236487
02/06/2017	15.00.00	0.000789604	0.00179499	0.00196098
02/06/2017	16.00.00	-0.00138497	-0.0011296	0.00178722
02/06/2017	17.00.00	-0.00109433	0.00079065	0.00135007
02/06/2017	18.00.00	0.000334258	-0.0010059	0.00105999
02/06/2017	19.00.00	0.000475059	0.00180183	0.00186341

02/06/2017	20.00.00	0.000993342	-0.0028347	0.00300371
02/06/2017	21.00.00	0.0011052	0.00378845	0.00394637
02/06/2017	22.00.00	0.000855179	0.00452306	0.0046032
02/06/2017	23.00.00	0.000322376	0.00497215	0.00498259
03/06/2017	00.00.00	0.000444527	0.00503066	0.00505026
03/06/2017	01.00.00	-0.00134559	0.00458572	0.00477907
03/06/2017	02.00.00	-0.0021338	0.00359786	0.00418302
03/06/2017	03.00.00	-0.00244194	0.00225255	0.00332221
03/06/2017	04.00.00	-0.00200108	0.00110204	0.00228447
03/06/2017	05.00.00	0.000882982	0.00094193	0.00129108
03/06/2017	06.00.00	0.000511923	0.00221121	0.0022697
03/06/2017	07.00.00	0.00171755	-0.0044252	0.00474683
03/06/2017	08.00.00	0.00240225	0.00659004	0.00701423
03/06/2017	09.00.00	0.00241337	0.00810396	0.00845568
03/06/2017	10.00.00	0.00178945	0.00895245	0.00912954
03/06/2017	11.00.00	0.000688088	0.00932904	0.00935438
03/06/2017	12.00.00	0.000727696	0.00934818	0.00937646
03/06/2017	13.00.00	-0.00230016	0.00898906	0.00927868
03/06/2017	14.00.00	-0.00378971	0.00816759	0.00900397
03/06/2017	15.00.00	-0.0048391	0.00686967	0.00840293
03/06/2017	16.00.00	-0.0050989	0.00529597	0.00735161
03/06/2017	17.00.00	-0.00445942	-0.0039318	0.00594521
03/06/2017	18.00.00	-0.00318959	0.00333736	0.00461643
03/06/2017	19.00.00	-0.00180489	0.00369946	0.00411627

			-	
03/06/2017	20.00.00	-0.00076548	0.00463778	0.00470053
03/06/2017	21.00.00	-0.00030661	-0.0055826	0.00559102
		-	-	
03/06/2017	22.00.00	0.000408684	0.00622149	0.0062349
		-	-	
03/06/2017	23.00.00	0.000902153	-0.0064923	0.00655468
		-	-	
04/06/2017	00.00.00	-0.00160085	0.00638822	0.00658575
04/06/2017	01.00.00	-0.00235575	-0.0058544	0.00631059
		-	-	
04/06/2017	02.00.00	-0.00300328	0.00482617	0.00568433
		-	-	
04/06/2017	03.00.00	-0.00328962	0.00337009	0.00470947
		-	-	
04/06/2017	04.00.00	-0.00294747	0.00186004	0.0034853
		-	-	
04/06/2017	05.00.00	-0.00189981	0.00104832	0.00216985
		-	-	
04/06/2017	06.00.00	0.000407624	0.00167607	0.00172493
		-	-	
04/06/2017	07.00.00	0.00107367	0.00369936	0.00385202
		-	-	
04/06/2017	08.00.00	0.00212489	0.00611772	0.00647624
		-	-	
04/06/2017	09.00.00	0.0024562	0.00793958	0.00831083
04/06/2017	10.00.00	0.00198476	-0.0089191	0.00913727
		-	-	
04/06/2017	11.00.00	0.000880629	0.00929715	0.00933876
		-	-	
04/06/2017	12.00.00	0.000574849	0.00931556	0.00933328
		-	-	
04/06/2017	13.00.00	-0.00212688	0.00902558	0.0092728
04/06/2017	14.00.00	-0.00356527	-0.0083402	0.00907029
		-	-	
04/06/2017	15.00.00	-0.00464698	0.00718713	0.00855858
		-	-	
04/06/2017	16.00.00	-0.00508838	0.00566115	0.00761185
04/06/2017	17.00.00	-0.00469457	-0.0041472	0.00626404
		-	-	
04/06/2017	18.00.00	-0.00355636	0.00325559	0.00482147
		-	-	
04/06/2017	19.00.00	-0.00208909	0.00341729	0.00400527
04/06/2017	20.00.00	-0.00080997	-0.0044326	0.004506

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04/06/2017	21.00.00	0.000108897	0.00561755	0.00561861
		-	-	
04/06/2017	22.00.00	0.000106854	0.00644558	0.00644646
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04/06/2017	23.00.00	0.000670458	0.00677688	0.00680997
		-	-	
05/06/2017	00.00.00	-0.00151324	0.00667091	0.00684039
		-	-	
05/06/2017	01.00.00	-0.00235939	0.00616717	0.00660309
		-	-	
05/06/2017	02.00.00	-0.00302014	0.00525526	0.00606127
		-	-	
05/06/2017	03.00.00	-0.00334194	0.00396156	0.00518291
		-	-	
05/06/2017	04.00.00	-0.00315795	0.00250332	0.00402979
		-	-	
05/06/2017	05.00.00	-0.00235708	0.00142756	0.00275568
		-	-	
05/06/2017	06.00.00	-0.0010375	0.00149159	0.00181694
		-	-	
05/06/2017	07.00.00	0.00046277	0.00304241	0.0030774
		-	-	
05/06/2017	08.00.00	0.00172196	0.00544045	0.00570645
		-	-	
05/06/2017	09.00.00	0.00236275	0.00754127	0.00790274
05/06/2017	10.00.00	0.00214607	-0.0087533	0.00901254
		-	-	
05/06/2017	11.00.00	0.00112882	0.00919593	0.00926496
		-	-	
05/06/2017	12.00.00	0.000367032	-0.0091935	0.00920083
		-	-	
05/06/2017	13.00.00	-0.00195948	0.00890127	0.0091144
		-	-	
05/06/2017	14.00.00	-0.00336118	0.00828697	0.00894267
		-	-	
05/06/2017	15.00.00	-0.00438289	0.00727773	0.00849559
		-	-	
05/06/2017	16.00.00	-0.00486477	0.00590174	0.0076483
		-	-	
05/06/2017	17.00.00	-0.00465909	0.00441489	0.0064186
		-	-	
05/06/2017	18.00.00	-0.00374905	0.00334053	0.0050214
		-	-	
05/06/2017	19.00.00	-0.00238243	0.00321966	0.00400527

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05/06/2017	20.00.00	-0.00100233	0.00412201	0.00424212
			-	
05/06/2017	21.00.00	-6.59E-01	0.00545773	0.00545813
			-	
05/06/2017	22.00.00	0.000156072	0.00652386	0.00652573
		-	-	
05/06/2017	23.00.00	0.000342359	0.00700511	0.00701348
			-	
06/06/2017	00.00.00	-0.00128589	0.00694304	0.00706111
			-	
06/06/2017	01.00.00	-0.00228094	0.00644915	0.00684063
			-	
06/06/2017	02.00.00	-0.00301677	0.00559735	0.00635856
			-	
06/06/2017	03.00.00	-0.00334503	0.00445832	0.00557367
			-	
06/06/2017	04.00.00	-0.00321201	0.00319005	0.00452697
			-	
06/06/2017	05.00.00	-0.00259288	0.00214844	0.00336731
			-	
06/06/2017	06.00.00	-0.00152714	0.00190468	0.00244131
		-	-	
06/06/2017	07.00.00	0.000201378	0.00292201	0.00292894
			-	
06/06/2017	08.00.00	0.00106482	0.00498586	0.0050983
06/06/2017	09.00.00	0.00190256	-0.0071587	0.00740721
			-	
06/06/2017	10.00.00	0.00197187	0.00861027	0.00883318
			-	
06/06/2017	11.00.00	0.00116565	0.00920012	0.00927367
		-	-	
06/06/2017	12.00.00	0.000281443	0.00920413	0.00920844
			-	
06/06/2017	13.00.00	-0.00192099	0.00885543	0.00906139
			-	
06/06/2017	14.00.00	-0.00333343	0.00820549	0.00885674
			-	
06/06/2017	15.00.00	-0.00427582	0.00723979	0.00840817
			-	
06/06/2017	16.00.00	-0.00466853	0.00599073	0.007595
			-	
06/06/2017	17.00.00	-0.0044899	0.00463256	0.00645134
06/06/2017	18.00.00	-0.00375305	-0.0035362	0.00515656

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06/06/2017	19.00.00	-0.00258126	0.00319346	0.00410623
			-	
06/06/2017	20.00.00	-0.00126484	0.00385203	0.00405437
			-	
06/06/2017	21.00.00	0.000204708	0.00516663	0.00517068
			-	
06/06/2017	22.00.00	0.000257006	0.00642818	0.00643332
			-	
06/06/2017	23.00.00	-4.51E+00	0.00712771	0.00712786
			-	
07/06/2017	00.00.00	0.000961928	0.00719019	0.00725425
			-	
07/06/2017	01.00.00	-0.00208465	0.00673864	0.00705373
07/06/2017	02.00.00	-0.00296439	-0.0059105	0.00661223
			-	
07/06/2017	03.00.00	-0.00335136	0.00485361	0.00589824
			-	
07/06/2017	04.00.00	-0.00321758	0.00376739	0.00495439
			-	
07/06/2017	05.00.00	-0.00266062	0.00291622	0.00394756
			-	
07/06/2017	06.00.00	-0.00178754	0.00265557	0.00320115
			-	
07/06/2017	07.00.00	0.000715459	0.00332535	0.00340144
			-	
07/06/2017	08.00.00	0.000376993	0.00492832	0.00494272
			-	
07/06/2017	09.00.00	0.00122344	0.00689798	0.00700564
			-	
07/06/2017	10.00.00	0.00149457	0.00845952	0.00859053
			-	
07/06/2017	11.00.00	0.000955114	0.00923038	0.00927967
			-	
07/06/2017	12.00.00	0.000323639	0.00930781	0.00931343
			-	
07/06/2017	13.00.00	-0.00194664	0.00891669	0.00912671
			-	
07/06/2017	14.00.00	-0.0034052	0.00817108	0.00885223
			-	
07/06/2017	15.00.00	-0.00432632	0.00713354	0.00834292
			-	
07/06/2017	16.00.00	-0.00460241	0.00590859	0.00748957
			-	
07/06/2017	17.00.00	-0.00431796	0.00467025	0.0063605

			-	
07/06/2017	18.00.00	-0.00360684	0.00367708	0.00515075
			-	
07/06/2017	19.00.00	-0.00259629	0.00326633	0.00417249
			-	
07/06/2017	20.00.00	-0.00145011	0.00368777	0.00396264
			-	
07/06/2017	21.00.00	0.000422298	0.00482713	0.00484557
			-	
07/06/2017	22.00.00	0.000186596	0.00614792	0.00615075
			-	
07/06/2017	23.00.00	0.000124864	0.00706105	0.00706215
			-	
08/06/2017	00.00.00	0.000622565	0.00732863	0.00735503
			-	
08/06/2017	01.00.00	-0.00175948	0.00699742	0.00721524
			-	
08/06/2017	02.00.00	-0.00278943	0.00621791	0.00681493
			-	
08/06/2017	03.00.00	-0.00331708	0.00519452	0.00616328
			-	
08/06/2017	04.00.00	-0.00322549	0.00420876	0.00530259
			-	
08/06/2017	05.00.00	-0.00266194	0.00355272	0.00443934
			-	
08/06/2017	06.00.00	-0.00185682	0.00344961	0.0039176
			-	
08/06/2017	07.00.00	0.000980605	0.00403095	0.00414851
			-	
08/06/2017	08.00.00	-0.00013774	0.00527255	0.00527435
			-	
08/06/2017	09.00.00	0.000545876	0.00688364	0.00690525
			-	
08/06/2017	10.00.00	0.000846607	0.00833876	0.00838163
			-	
08/06/2017	11.00.00	0.000519283	0.00921481	0.00922943
			-	
08/06/2017	12.00.00	0.000511017	0.00941441	0.00942827
			-	
08/06/2017	13.00.00	-0.00200512	0.00904648	0.00926603
			-	
08/06/2017	14.00.00	-0.00347792	0.00822687	0.00893181
			-	
08/06/2017	15.00.00	-0.00444476	0.00706225	0.00834454

			-	
08/06/2017	16.00.00	-0.00467671	0.00574049	0.00740438
			-	
08/06/2017	17.00.00	-0.00425798	0.00451848	0.00620862
			-	
08/06/2017	18.00.00	-0.00344009	0.00364417	0.00501141
			-	
08/06/2017	19.00.00	-0.00246196	0.00330288	0.0041195
			-	
08/06/2017	20.00.00	-0.00147175	0.00361036	0.00389882
			-	
08/06/2017	21.00.00	0.000588064	0.00452882	0.00456684
			-	
08/06/2017	22.00.00	1.74E+00	0.00574161	0.00574164
			-	
08/06/2017	23.00.00	0.00012969	0.00676605	0.00676729
			-	
09/06/2017	00.00.00	0.000376082	0.00725701	0.00726675
			-	
09/06/2017	01.00.00	-0.00137446	0.00713088	0.00726213
			-	
09/06/2017	02.00.00	-0.00245969	-0.0064824	0.00693337
			-	
09/06/2017	03.00.00	-0.00315652	0.00551665	0.00635587
			-	
09/06/2017	04.00.00	-0.00319824	-0.0045697	0.00557771
			-	
09/06/2017	05.00.00	-0.00266102	0.00402506	0.00482516
			-	
09/06/2017	06.00.00	-0.00184349	-0.0041063	0.00450113
			-	
09/06/2017	07.00.00	-0.00103672	0.00478191	0.004893
			-	
09/06/2017	08.00.00	-0.00038719	0.00587293	0.00588568
			-	
09/06/2017	09.00.00	5.53E+00	0.00715093	0.00715114
			-	
09/06/2017	10.00.00	0.000217908	0.00834245	0.00834529
			-	
09/06/2017	11.00.00	-4.43E+00	0.00916614	0.00916625
			-	
09/06/2017	12.00.00	0.000849822	0.00944972	0.00948786
			-	
09/06/2017	13.00.00	-0.00212036	0.00916303	0.00940516
			-	
09/06/2017	14.00.00	-0.00350981	-0.0083499	0.00905758
			-	
09/06/2017	15.00.00	-0.00452742	0.00710118	0.00842166

			-	
09/06/2017	16.00.00	-0.00481362	0.00563546	0.00741143
09/06/2017	17.00.00	-0.00434102	-0.0043058	0.00611428
			-	
09/06/2017	18.00.00	-0.00338486	0.00345212	0.00483471
			-	
09/06/2017	19.00.00	-0.00231135	0.00321512	0.00395971
			-	
09/06/2017	20.00.00	-0.00136449	0.00354411	0.00379771
			-	
09/06/2017	21.00.00	0.000629845	0.00431133	0.00435709
			-	
09/06/2017	22.00.00	0.000145085	0.00532267	0.00532464
09/06/2017	23.00.00	5.64E-01	-0.0062976	0.0062976
			-	
10/06/2017	00.00.00	0.000293838	0.00693138	0.0069376
			-	
10/06/2017	01.00.00	-0.00105119	0.00703881	0.00711687
			-	
10/06/2017	02.00.00	-0.0020334	0.00660744	0.00691325
			-	
10/06/2017	03.00.00	-0.00282353	0.00578549	0.00643772
			-	
10/06/2017	04.00.00	-0.00304873	0.00489785	0.0057692
10/06/2017	05.00.00	-0.00263268	-0.0043931	0.00512156
			-	
10/06/2017	06.00.00	-0.00182649	0.00458537	0.00493575
10/06/2017	07.00.00	-0.00100015	-0.0054112	0.00550285
			-	
10/06/2017	08.00.00	0.000419607	0.00652695	0.00654042
			-	
10/06/2017	09.00.00	0.000170785	0.00761901	0.00762093
			-	
10/06/2017	10.00.00	0.000232641	0.00852839	0.00853156
			-	
10/06/2017	11.00.00	-0.00059481	0.00916154	0.00918083
			-	
10/06/2017	12.00.00	-0.00129567	0.00941764	0.00950636
			-	
10/06/2017	13.00.00	-0.00233235	0.00920377	0.0094947
			-	
10/06/2017	14.00.00	-0.00353214	0.00846989	0.00917687
			-	
10/06/2017	15.00.00	-0.00452242	0.00724244	0.00853845

			-	
10/06/2017	16.00.00	-0.00490357	0.00569812	0.00751755
			-	
10/06/2017	17.00.00	-0.00450021	0.00421695	0.00616722
			-	
10/06/2017	18.00.00	-0.00349147	0.00325017	0.00477012
			-	
10/06/2017	19.00.00	-0.00228753	0.00303122	0.00379751
			-	
10/06/2017	20.00.00	-0.00126229	0.00343136	0.00365617
			-	
10/06/2017	21.00.00	0.000582002	0.00415999	0.0042005
			-	
10/06/2017	22.00.00	0.000238432	0.00498866	0.00499436
			-	
10/06/2017	23.00.00	0.000172945	-0.0057833	0.00578589
			-	
11/06/2017	00.00.00	0.000384465	0.00639613	0.00640767
			-	
11/06/2017	01.00.00	0.000898297	-0.0066637	0.00672398
			-	
11/06/2017	02.00.00	-0.00164277	0.00648475	0.00668959
			-	
11/06/2017	03.00.00	-0.00236255	0.00590517	0.00636025
			-	
11/06/2017	04.00.00	-0.00271322	0.00517146	0.00583999
			-	
11/06/2017	05.00.00	-0.00248868	0.00471577	0.00533216
			-	
11/06/2017	06.00.00	-0.00178999	0.00494108	0.00525531
			-	
11/06/2017	07.00.00	0.000959724	0.00586714	0.00594511
			-	
11/06/2017	08.00.00	0.000355816	0.00708589	0.00709482
			-	
11/06/2017	09.00.00	0.000180709	-0.0081485	0.0081505
			-	
11/06/2017	10.00.00	0.000435633	0.00887107	0.00888176
			-	
11/06/2017	11.00.00	0.000997769	-0.0092749	0.00932842
			-	
11/06/2017	12.00.00	-0.00175241	0.00938852	0.00955067
			-	
11/06/2017	13.00.00	-0.0026462	0.00916564	0.00953998

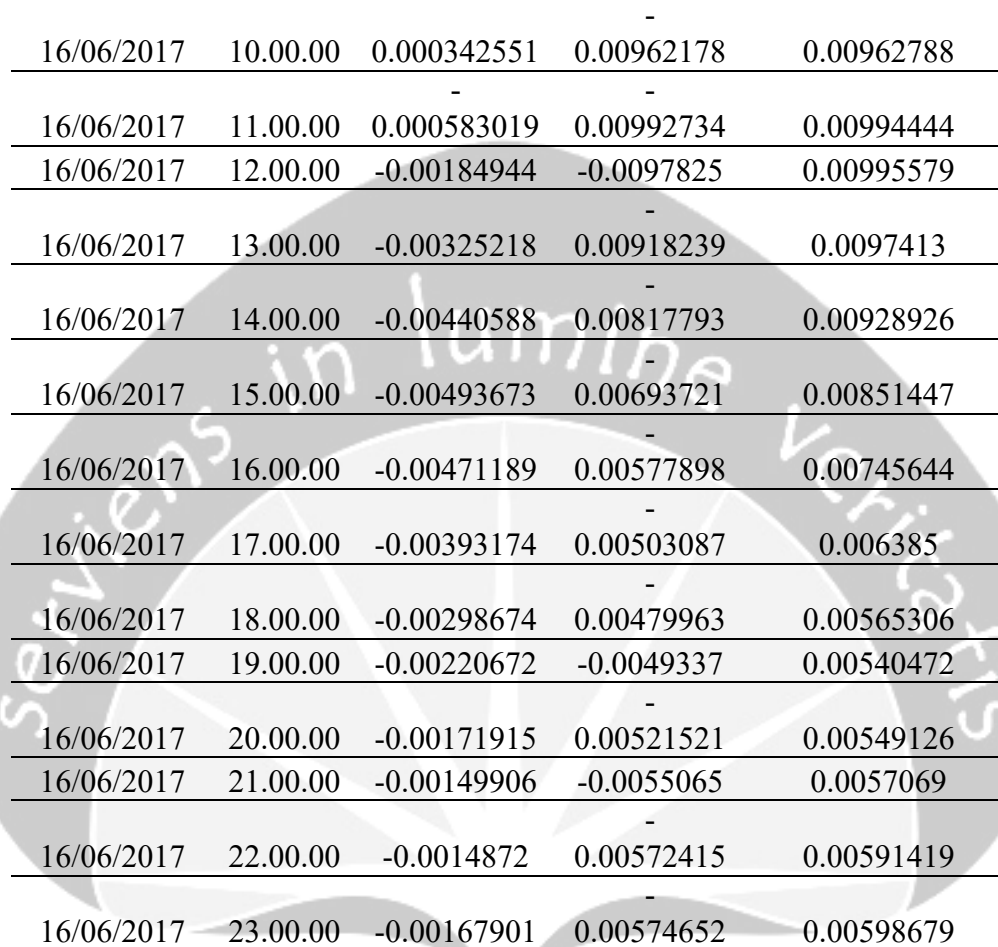
			-	
11/06/2017	14.00.00	-0.00361325	0.00851849	0.00925312
			-	
11/06/2017	15.00.00	-0.0044593	0.00740386	0.00864306
			-	
11/06/2017	16.00.00	-0.00487634	0.00591391	0.00766505
			-	
11/06/2017	17.00.00	-0.00461398	0.00436257	0.00634987
			-	
11/06/2017	18.00.00	-0.00369429	0.00323154	0.00490822
			-	
11/06/2017	19.00.00	-0.00244507	0.00289478	0.00378921
11/06/2017	20.00.00	-0.00130333	-0.0032989	0.00354702
			-	
11/06/2017	21.00.00	0.000564469	0.00404764	0.00408681
			-	
11/06/2017	22.00.00	0.000285396	0.00477939	0.0047879
			-	
11/06/2017	23.00.00	0.000345972	0.00536337	0.00537451
			-	
12/06/2017	00.00.00	-0.00059494	0.00579609	0.00582655
			-	
12/06/2017	01.00.00	0.000959481	0.00604916	0.00612478
12/06/2017	02.00.00	-0.00142372	-0.0060433	0.00620874
			-	
12/06/2017	03.00.00	-0.00190991	0.00574662	0.00605569
			-	
12/06/2017	04.00.00	-0.00222262	0.00528396	0.00573239
			-	
12/06/2017	05.00.00	-0.00214834	0.00498182	0.00542531
			-	
12/06/2017	06.00.00	-0.00164077	0.00523706	0.00548807
			-	
12/06/2017	07.00.00	0.000903376	0.00618505	0.00625067
			-	
12/06/2017	08.00.00	0.000284738	0.00748489	0.00749031
			-	
12/06/2017	09.00.00	-8.97E+00	0.00860884	0.00860931
			-	
12/06/2017	10.00.00	0.000430315	0.00927396	0.00928394
			-	
12/06/2017	11.00.00	-0.00118248	0.00951107	0.0095843
			-	
12/06/2017	12.00.00	-0.00210543	0.00943755	0.00966955

			-	
12/06/2017	13.00.00	-0.00300427	0.00910462	0.00958748
			-	
12/06/2017	14.00.00	-0.00379554	0.00847501	0.00928611
			-	
12/06/2017	15.00.00	-0.00442062	0.00748985	0.00869711
			-	
12/06/2017	16.00.00	-0.00474713	0.00616668	0.00778223
			-	
12/06/2017	17.00.00	-0.00458519	0.00470263	0.00656801
			-	
12/06/2017	18.00.00	-0.00384971	0.00349855	0.00520193
			-	
12/06/2017	19.00.00	-0.00270683	0.00298278	0.00402789
			-	
12/06/2017	20.00.00	-0.00153093	0.00326223	0.00360359
			-	
12/06/2017	21.00.00	0.000694134	0.00398953	0.00404947
			-	
12/06/2017	22.00.00	0.000376571	0.00468836	0.00470346
			-	
12/06/2017	23.00.00	0.000509199	0.00511903	0.00514429
			-	
13/06/2017	00.00.00	0.000857391	0.00530306	0.00537193
			-	
13/06/2017	01.00.00	-0.00119812	0.00535083	0.00548332
			-	
13/06/2017	02.00.00	-0.00144511	0.00532646	0.00551901
			-	
13/06/2017	03.00.00	-0.00161479	0.00523292	0.0054764
			-	
13/06/2017	04.00.00	-0.00170306	0.00509804	0.00537498
			-	
13/06/2017	05.00.00	-0.00162235	0.00508501	0.00533754
			-	
13/06/2017	06.00.00	-0.00128334	0.00547002	0.00561855
			-	
13/06/2017	07.00.00	0.000732168	0.00641897	0.00646059
			-	
13/06/2017	08.00.00	0.000194084	0.00772996	0.0077324
			-	
13/06/2017	09.00.00	1.91E+00	0.00891855	0.00891857
			-	
13/06/2017	10.00.00	0.000313622	0.00962025	0.00962537

			-	
13/06/2017	11.00.00	-0.00116673	0.00979663	0.00986586
			-	
13/06/2017	12.00.00	-0.00227462	0.00957968	0.00984603
13/06/2017	13.00.00	-0.00330557	-0.0090887	0.00967115
			-	
13/06/2017	14.00.00	-0.00405261	0.00837659	0.00930542
			-	
13/06/2017	15.00.00	-0.00447649	0.00745041	0.00869181
			-	
13/06/2017	16.00.00	-0.00460276	0.00631975	0.00781823
			-	
13/06/2017	17.00.00	-0.00440758	0.00507973	0.00672536
			-	
13/06/2017	18.00.00	-0.00383108	0.00398093	0.00552494
			-	
13/06/2017	19.00.00	-0.00290696	0.00337286	0.00445271
			-	
13/06/2017	20.00.00	-0.00185128	0.00346013	0.00392425
			-	
13/06/2017	21.00.00	0.000992798	0.00405877	0.00417842
			-	
13/06/2017	22.00.00	0.000596424	0.00471002	0.00474763
			-	
13/06/2017	23.00.00	-0.00071097	0.00505585	0.00510559
			-	
14/06/2017	00.00.00	-0.00113218	0.00502766	0.00515356
			-	
14/06/2017	01.00.00	-0.00153357	0.00476899	0.0050095
			-	
14/06/2017	02.00.00	-0.00168534	0.00449961	0.00480488
			-	
14/06/2017	03.00.00	-0.00157287	0.00439195	0.0046651
			-	
14/06/2017	04.00.00	-0.0013197	0.00451403	0.00470299
			-	
14/06/2017	05.00.00	-0.00103022	0.00487931	0.00498689
			-	
14/06/2017	06.00.00	0.000711469	0.00554579	0.00559124
			-	
14/06/2017	07.00.00	0.000339534	0.00657537	0.00658413
14/06/2017	08.00.00	1.76E+00	-0.007857	0.00785702
			-	
14/06/2017	09.00.00	0.000157457	0.00905189	0.00905326

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14/06/2017	10.00.00	0.000160966	-0.0098125	0.00981382
14/06/2017	11.00.00	-0.00102503	-0.0100196	0.0100719
14/06/2017	12.00.00	-0.00225063	-0.0097528	0.0100091
		-		
14/06/2017	13.00.00	-0.00345891	0.00913623	0.00976907
		-		
14/06/2017	14.00.00	-0.00429818	0.00828323	0.009332
		-		
14/06/2017	15.00.00	-0.00463155	0.00730386	0.00864856
		-		
14/06/2017	16.00.00	-0.00453788	0.00629112	0.00775697
		-		
14/06/2017	17.00.00	-0.00416871	0.00531678	0.0067562
14/06/2017	18.00.00	-0.00361273	-0.0044844	0.00575862
		-		
14/06/2017	19.00.00	-0.00289461	0.00397111	0.0049141
		-		
14/06/2017	20.00.00	-0.00208002	0.00393962	0.00445501
		-		
14/06/2017	21.00.00	-0.00135076	0.00434472	0.00454985
		-		
14/06/2017	22.00.00	0.000944141	0.00487164	0.00496228
		-		
14/06/2017	23.00.00	0.000999565	0.00514637	0.00524254
		-		
15/06/2017	00.00.00	-0.00142213	0.00498369	0.00518263
		-		
15/06/2017	01.00.00	-0.00189197	0.00444576	0.00483159
		-		
15/06/2017	02.00.00	-0.00205818	0.00379945	0.0043211
		-		
15/06/2017	03.00.00	-0.0017811	0.00341007	0.0038472
		-		
15/06/2017	04.00.00	-0.00119358	0.00355759	0.00375247
		-		
15/06/2017	05.00.00	0.000553437	0.00425721	0.00429303
		-		
15/06/2017	06.00.00	-4.56E+00	0.00532917	0.00532936
		-		
15/06/2017	07.00.00	0.000286493	0.00658809	0.00659432
15/06/2017	08.00.00	0.000456947	-0.0078828	0.00789603
		-		
15/06/2017	09.00.00	0.000420977	0.00902988	0.00903968

			-	
15/06/2017	10.00.00	3.29E-01	0.00980468	0.00980474
			-	
15/06/2017	11.00.00	0.000825682	-0.0100775	0.0101112
15/06/2017	12.00.00	-0.00208537	-0.0098506	0.0100689
			-	
15/06/2017	13.00.00	-0.00342906	0.00919677	0.00981525
			-	
15/06/2017	14.00.00	-0.00443327	0.00822569	0.0093443
			-	
15/06/2017	15.00.00	-0.00481722	0.00711354	0.00859116
			-	
15/06/2017	16.00.00	-0.00458828	0.00608535	0.00762127
			-	
15/06/2017	17.00.00	-0.00398624	0.00530229	0.00663358
			-	
15/06/2017	18.00.00	-0.00328339	0.00480135	0.00581667
			-	
15/06/2017	19.00.00	-0.00262913	0.00456477	0.00526777
			-	
15/06/2017	20.00.00	-0.00205055	0.00459487	0.00503166
			-	
15/06/2017	21.00.00	-0.00157589	0.00486285	0.00511182
			-	
15/06/2017	22.00.00	-0.00130355	0.00521278	0.0053733
			-	
15/06/2017	23.00.00	-0.00135822	0.00537695	0.00554584
			-	
16/06/2017	00.00.00	-0.00174322	0.00512711	0.00541535
			-	
16/06/2017	01.00.00	-0.00223633	0.00440862	0.00494339
16/06/2017	02.00.00	-0.00246492	-0.0034114	0.00420874
			-	
16/06/2017	03.00.00	-0.00215812	0.00257396	0.00335898
			-	
16/06/2017	04.00.00	-0.00134922	0.00243625	0.00278491
			-	
16/06/2017	05.00.00	-0.00034512	0.00324339	0.0032617
			-	
16/06/2017	06.00.00	0.000509197	0.00472347	0.00475083
			-	
16/06/2017	07.00.00	0.00101309	0.00635763	0.00643784
			-	
16/06/2017	08.00.00	0.00112951	0.00779032	0.00787178
16/06/2017	09.00.00	0.000901778	-0.0088926	0.0089382



16/06/2017	10.00.00	0.000342551	0.00962178	0.00962788
16/06/2017	11.00.00	0.000583019	0.00992734	0.00994444
16/06/2017	12.00.00	-0.00184944	-0.0097825	0.00995579
16/06/2017	13.00.00	-0.00325218	0.00918239	0.0097413
16/06/2017	14.00.00	-0.00440588	0.00817793	0.00928926
16/06/2017	15.00.00	-0.00493673	0.00693721	0.00851447
16/06/2017	16.00.00	-0.00471189	0.00577898	0.00745644
16/06/2017	17.00.00	-0.00393174	0.00503087	0.006385
16/06/2017	18.00.00	-0.00298674	0.00479963	0.00565306
16/06/2017	19.00.00	-0.00220672	-0.0049337	0.00540472
16/06/2017	20.00.00	-0.00171915	0.00521521	0.00549126
16/06/2017	21.00.00	-0.00149906	-0.0055065	0.0057069
16/06/2017	22.00.00	-0.0014872	0.00572415	0.00591419
16/06/2017	23.00.00	-0.00167901	0.00574652	0.00598679

Lampiran 5.

**Report of Depth Averaged Velocity
PLTGU Muara Karang CCPP 400-500 MW**

SKENARIO I		Location :		500 m from outfall
Date	Time	X component of depth averaged velocity (m/s)	Y component of depth averaged velocity (m/s)	magnitude of depth averaged velocity (m/s)
02/06/2017	00.00.00	0	0	0
02/06/2017	01.00.00	7.90E-01	0.0138422	0.0138424
02/06/2017	02.00.00	-0.00102041	0.0138789	0.0139163
02/06/2017	03.00.00	-0.00132668	0.015232	0.0152897
02/06/2017	04.00.00	-0.00171834	0.0152743	0.0153706
02/06/2017	05.00.00	-0.00211907	0.0144855	0.0146397
02/06/2017	06.00.00	-0.00227118	0.0128941	0.0130926
02/06/2017	07.00.00	-0.00227172	0.0110109	0.0112428
02/06/2017	08.00.00	-0.00221679	0.00920763	0.00947072
02/06/2017	09.00.00	-0.00231346	0.00751102	0.00785923
02/06/2017	10.00.00	-0.00227394	0.00636406	0.00675811
02/06/2017	11.00.00	-0.00234201	0.0052807	0.00577675
02/06/2017	12.00.00	-0.00248648	0.00459001	0.00522023
02/06/2017	13.00.00	-0.00275029	0.00433271	0.00513191
02/06/2017	14.00.00	-0.0030059	0.00456681	0.00546728
02/06/2017	15.00.00	-0.00314114	0.00537017	0.00622137
02/06/2017	16.00.00	-0.00317302	0.00635967	0.00710728
02/06/2017	17.00.00	-0.00308475	0.00706876	0.00771253
02/06/2017	18.00.00	-0.00298903	0.00713836	0.00773889
02/06/2017	19.00.00	-0.00292821	0.00663771	0.0072549
02/06/2017	20.00.00	-0.00292458	0.00588989	0.00657601
02/06/2017	21.00.00	-0.00296615	0.00518201	0.00597087
02/06/2017	22.00.00	-0.00303353	0.00462909	0.00553451
02/06/2017	23.00.00	-0.00311783	0.00432235	0.0053295
03/06/2017	00.00.00	-0.00323107	0.00438353	0.00544566
03/06/2017	01.00.00	-0.00336795	0.0049809	0.00601269
03/06/2017	02.00.00	-0.00348961	0.00618753	0.00710373
03/06/2017	03.00.00	-0.00353829	0.00781414	0.0085779

03/06/2017	04.00.00	-0.00349183	0.00927269	0.00990836
03/06/2017	05.00.00	-0.00338998	0.00973717	0.0103104
03/06/2017	06.00.00	-0.00328078	0.00876899	0.00936262
03/06/2017	07.00.00	-0.0031694	0.00681508	0.00751601
03/06/2017	08.00.00	-0.00305847	0.00476666	0.00566351
03/06/2017	09.00.00	-0.00298241	0.00313389	0.0043262
03/06/2017	10.00.00	-0.00296179	0.00196545	0.0035546
03/06/2017	11.00.00	-0.00299561	0.00117549	0.00321799
03/06/2017	12.00.00	-0.00308073	0.000761589	0.00317347
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03/06/2017	14.00.00	-0.00334245	0.00155538	0.00368662
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03/06/2017	16.00.00	-0.00339611	0.00453741	0.0056676
03/06/2017	17.00.00	-0.00327047	0.00592066	0.00676389
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03/06/2017	21.00.00	-0.00296259	0.00431792	0.00523654
03/06/2017	22.00.00	-0.0030426	0.00370751	0.00479615
03/06/2017	23.00.00	-0.00314561	0.00345145	0.00466984
04/06/2017	00.00.00	-0.00325428	0.00357807	0.00483662
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04/06/2017	02.00.00	-0.00346708	0.00531166	0.00634306
04/06/2017	03.00.00	-0.00352808	0.00693813	0.00778364
04/06/2017	04.00.00	-0.00351442	0.00865669	0.00934289
04/06/2017	05.00.00	-0.00343101	0.00970052	0.0102894
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04/06/2017	07.00.00	-0.00319776	0.00756365	0.00821185
04/06/2017	08.00.00	-0.00306446	0.005318	0.00613776
04/06/2017	09.00.00	-0.00296372	0.00344621	0.00454533
04/06/2017	10.00.00	-0.00294474	0.00217412	0.00366036
04/06/2017	11.00.00	-0.00300093	0.00137979	0.00330294
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04/06/2017	16.00.00	-0.00341113	0.00422368	0.00542912
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07/06/2017	02.00.00	-0.00343776	0.00419104	0.00542061
07/06/2017	03.00.00	-0.00345197	0.00536356	0.00637839
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13/06/2017	22.00.00	-0.00313215	0.00539921	0.00624194
13/06/2017	23.00.00	-0.00323977	0.00515305	0.00608687
14/06/2017	00.00.00	-0.00335825	0.00529572	0.00627076
14/06/2017	01.00.00	-0.00343221	0.00569718	0.00665116
14/06/2017	02.00.00	-0.00344437	0.00612408	0.00702624
14/06/2017	03.00.00	-0.00342286	0.00637506	0.00723584
14/06/2017	04.00.00	-0.0033994	0.0063792	0.00722842
14/06/2017	05.00.00	-0.00337844	0.00612672	0.00699647
14/06/2017	06.00.00	-0.00333635	0.00555247	0.00647774
14/06/2017	07.00.00	-0.00324936	0.00456804	0.00560583
14/06/2017	08.00.00	-0.00312367	0.00324409	0.0045035
14/06/2017	09.00.00	-0.00300601	0.00188386	0.00354753
14/06/2017	10.00.00	-0.00296191	0.000833762	0.00307703
14/06/2017	11.00.00	-0.00302092	0.000283535	0.00303419
14/06/2017	12.00.00	-0.00314207	0.000273152	0.00315392

14/06/2017	13.00.00	-0.00324608	0.000757412	0.00333328
14/06/2017	14.00.00	-0.00328052	0.00159585	0.00364809
14/06/2017	15.00.00	-0.00325319	0.00258503	0.00415519
14/06/2017	16.00.00	-0.00320715	0.00357559	0.00480319
14/06/2017	17.00.00	-0.00317652	0.00450402	0.00551149
14/06/2017	18.00.00	-0.00316138	0.00530543	0.00617591
14/06/2017	19.00.00	-0.00314173	0.00583075	0.0066233
14/06/2017	20.00.00	-0.00311057	0.00591962	0.00668712
14/06/2017	21.00.00	-0.00309058	0.00559964	0.00639591
14/06/2017	22.00.00	-0.0031186	0.00515984	0.00602906
14/06/2017	23.00.00	-0.00321353	0.00496762	0.00591642
15/06/2017	00.00.00	-0.00334786	0.00523307	0.00621234
15/06/2017	01.00.00	-0.00345685	0.00592249	0.00685753
15/06/2017	02.00.00	-0.00349003	0.00676677	0.00761377
15/06/2017	03.00.00	-0.00345644	0.00735306	0.00812493
15/06/2017	04.00.00	-0.00339989	0.00738392	0.00812906
15/06/2017	05.00.00	-0.00335238	0.00684034	0.00761766
15/06/2017	06.00.00	-0.00330986	0.00588809	0.00675461
15/06/2017	07.00.00	-0.00324788	0.0046811	0.0056975
15/06/2017	08.00.00	-0.00315434	0.00333237	0.00458852
15/06/2017	09.00.00	-0.00304889	0.00200748	0.00365044
15/06/2017	10.00.00	-0.00298884	0.000928136	0.00312964
15/06/2017	11.00.00	-0.00302036	0.000292124	0.00303446
15/06/2017	12.00.00	-0.00313579	0.000206036	0.00314255
15/06/2017	13.00.00	-0.00326443	0.000697547	0.00333812
15/06/2017	14.00.00	-0.00332714	0.00165812	0.00371742
15/06/2017	15.00.00	-0.00329789	0.00280413	0.00432888
15/06/2017	16.00.00	-0.00321161	0.00382205	0.00499225
15/06/2017	17.00.00	-0.00312937	0.00454393	0.00551727
15/06/2017	18.00.00	-0.00308875	0.00498379	0.00586332
15/06/2017	19.00.00	-0.00308489	0.00520546	0.0060509
15/06/2017	20.00.00	-0.00309108	0.00521697	0.00606395
15/06/2017	21.00.00	-0.00309704	0.00502267	0.00590075
15/06/2017	22.00.00	-0.00312242	0.0047488	0.00568336
15/06/2017	23.00.00	-0.00319678	0.00465433	0.00564643
16/06/2017	00.00.00	-0.00332172	0.00498853	0.00599326
16/06/2017	01.00.00	-0.00344992	0.00584469	0.00678693
16/06/2017	02.00.00	-0.00351434	0.00704788	0.00787548
16/06/2017	03.00.00	-0.00349366	0.00811508	0.00883517

16/06/2017	04.00.00	-0.00342118	0.00847864	0.00914285
16/06/2017	05.00.00	-0.00334526	0.00788287	0.00856332
16/06/2017	06.00.00	-0.00327998	0.00657964	0.00735187
16/06/2017	07.00.00	-0.00321581	0.00503379	0.00597331
16/06/2017	08.00.00	-0.00314458	0.00355162	0.00474367
16/06/2017	09.00.00	-0.00307196	0.00224704	0.00380606
16/06/2017	10.00.00	-0.0030239	0.00119806	0.00325259
16/06/2017	11.00.00	-0.00304017	0.000513986	0.00308331
16/06/2017	12.00.00	-0.00313336	0.000323793	0.00315004
16/06/2017	13.00.00	-0.00326397	0.000727952	0.00334416
16/06/2017	14.00.00	-0.00335471	0.00170243	0.00376196
16/06/2017	15.00.00	-0.00334951	0.00298935	0.00448948
16/06/2017	16.00.00	-0.00325319	0.00416102	0.00528179
16/06/2017	17.00.00	-0.00312612	0.00485667	0.00577579
16/06/2017	18.00.00	-0.00303552	0.00501603	0.00586301
16/06/2017	19.00.00	-0.00300985	0.00484481	0.00570363
16/06/2017	20.00.00	-0.00303368	0.00457866	0.00549248
16/06/2017	21.00.00	-0.00307747	0.00433684	0.0053178
16/06/2017	22.00.00	-0.00312798	0.00417837	0.00521949
16/06/2017	23.00.00	-0.0031984	0.00421454	0.00529075

Lampiran 6.

**Report of Depth Averaged Velocity
PLTGU Muara Karang CCPP 400-500 MW**

SKENARIO I		Location : 800 m from outfall		
Date	Time	X component of depth averaged velocity (m/s)	Y component of depth averaged velocity (m/s)	magnitude of depth averaged velocity (m/s)
02/06/2017	00.00.00	0	0	0
02/06/2017	01.00.00	-0.0286364	0.0369892	0.0467787
02/06/2017	02.00.00	-0.0217869	0.0494757	0.0540603
02/06/2017	03.00.00	-0.0199531	0.0536832	0.0572714
02/06/2017	04.00.00	-0.0193751	0.0558267	0.0590933
02/06/2017	05.00.00	-0.0178537	0.0574933	0.0602016
02/06/2017	06.00.00	-0.0161212	0.0575371	0.0597529
02/06/2017	07.00.00	-0.0144433	0.0553843	0.0572367
02/06/2017	08.00.00	-0.0129888	0.0520709	0.0536665
02/06/2017	09.00.00	-0.0122985	0.047719	0.0492784
02/06/2017	10.00.00	-0.0121685	0.0439323	0.0455864
02/06/2017	11.00.00	-0.0125495	0.0409894	0.0428675
02/06/2017	12.00.00	-0.0135677	0.0391226	0.0414085
02/06/2017	13.00.00	-0.0152388	0.0383574	0.0412736
02/06/2017	14.00.00	-0.0171024	0.038927	0.0425183
02/06/2017	15.00.00	-0.0187853	0.0405896	0.0447259
02/06/2017	16.00.00	-0.0198313	0.0428219	0.0471911
02/06/2017	17.00.00	-0.0198741	0.0450779	0.0492645
02/06/2017	18.00.00	-0.0191275	0.0467467	0.0505086
02/06/2017	19.00.00	-0.0180369	0.0476308	0.0509315
02/06/2017	20.00.00	-0.0170856	0.0477262	0.0506923
02/06/2017	21.00.00	-0.01651	0.0472643	0.050065
02/06/2017	22.00.00	-0.0163314	0.0465602	0.0493413
02/06/2017	23.00.00	-0.0165273	0.0459614	0.0488426
03/06/2017	00.00.00	-0.0171267	0.045814	0.0489106
03/06/2017	01.00.00	-0.018137	0.0464439	0.0498597
03/06/2017	02.00.00	-0.0193679	0.0480683	0.0518235
03/06/2017	03.00.00	-0.0203622	0.050621	0.0545629
03/06/2017	04.00.00	-0.02056	0.0536409	0.0574461
03/06/2017	05.00.00	-0.0196677	0.0562621	0.0596007

03/06/2017	06.00.00	-0.0178703	0.0574274	0.0601436
03/06/2017	07.00.00	-0.0156835	0.0563554	0.058497
03/06/2017	08.00.00	-0.0137649	0.0531609	0.0549141
03/06/2017	09.00.00	-0.012645	0.048877	0.0504862
03/06/2017	10.00.00	-0.0124271	0.0446906	0.0463863
03/06/2017	11.00.00	-0.0129279	0.0413355	0.04331
03/06/2017	12.00.00	-0.0139588	0.0391175	0.0415334
03/06/2017	13.00.00	-0.0154138	0.0381489	0.0411452
03/06/2017	14.00.00	-0.0171576	0.0384582	0.042112
03/06/2017	15.00.00	-0.0188961	0.0399329	0.044178
03/06/2017	16.00.00	-0.0201587	0.0422316	0.0467961
03/06/2017	17.00.00	-0.0204868	0.0447571	0.0492231
03/06/2017	18.00.00	-0.0197795	0.0468182	0.0508249
03/06/2017	19.00.00	-0.0184451	0.0479232	0.0513503
03/06/2017	20.00.00	-0.0171134	0.0479569	0.0509189
03/06/2017	21.00.00	-0.0162601	0.0472117	0.0499333
03/06/2017	22.00.00	-0.0160336	0.0461802	0.0488844
03/06/2017	23.00.00	-0.0163403	0.0453442	0.0481986
04/06/2017	00.00.00	-0.0170269	0.0450434	0.0481542
04/06/2017	01.00.00	-0.0180001	0.0455149	0.048945
04/06/2017	02.00.00	-0.0191556	0.0469207	0.0506802
04/06/2017	03.00.00	-0.0202297	0.0492801	0.0532707
04/06/2017	04.00.00	-0.0207545	0.0523129	0.0562796
04/06/2017	05.00.00	-0.0202869	0.0553326	0.0589344
04/06/2017	06.00.00	-0.0187514	0.0572906	0.0602813
04/06/2017	07.00.00	-0.0165069	0.0571333	0.05947
04/06/2017	08.00.00	-0.0142179	0.0545083	0.0563321
04/06/2017	09.00.00	-0.0126615	0.0502454	0.0518161
04/06/2017	10.00.00	-0.012214	0.0457699	0.0473716
04/06/2017	11.00.00	-0.0127178	0.0421241	0.0440021
04/06/2017	12.00.00	-0.0138176	0.0396996	0.0420355
04/06/2017	13.00.00	-0.0152507	0.038542	0.0414497
04/06/2017	14.00.00	-0.0168774	0.0386133	0.0421406
04/06/2017	15.00.00	-0.0185367	0.0398236	0.0439264
04/06/2017	16.00.00	-0.0199109	0.0419505	0.0464359
04/06/2017	17.00.00	-0.0205482	0.0445216	0.0490347
04/06/2017	18.00.00	-0.0201382	0.04685	0.0509948
04/06/2017	19.00.00	-0.0188438	0.0482751	0.0518225
04/06/2017	20.00.00	-0.0172604	0.0484557	0.0514381

04/06/2017	21.00.00	-0.0160505	0.0475811	0.0502153
04/06/2017	22.00.00	-0.0156021	0.0462288	0.0487906
04/06/2017	23.00.00	-0.0159193	0.0450651	0.0477942
05/06/2017	00.00.00	-0.0167422	0.0445376	0.0475805
05/06/2017	01.00.00	-0.0177942	0.0448428	0.0482443
05/06/2017	02.00.00	-0.0189004	0.0460393	0.0497678
05/06/2017	03.00.00	-0.0199103	0.0481094	0.0520667
05/06/2017	04.00.00	-0.0205541	0.0508745	0.0548697
05/06/2017	05.00.00	-0.0204481	0.0538521	0.0576036
05/06/2017	06.00.00	-0.0193361	0.0561835	0.0594177
05/06/2017	07.00.00	-0.0173357	0.0567963	0.059383
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05/06/2017	12.00.00	-0.0137394	0.0402948	0.0425728
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05/06/2017	14.00.00	-0.0168106	0.0390087	0.0424768
05/06/2017	15.00.00	-0.0183211	0.0400286	0.0440221
05/06/2017	16.00.00	-0.0196093	0.0419253	0.0462845
05/06/2017	17.00.00	-0.0203741	0.0443643	0.048819
05/06/2017	18.00.00	-0.0202711	0.0467849	0.0509877
05/06/2017	19.00.00	-0.0192252	0.0485015	0.0521728
05/06/2017	20.00.00	-0.0176186	0.04898	0.0520524
05/06/2017	21.00.00	-0.0161228	0.0481915	0.0508169
05/06/2017	22.00.00	-0.0153308	0.0466458	0.0491006
05/06/2017	23.00.00	-0.0154723	0.045136	0.0477142
06/06/2017	00.00.00	-0.0163457	0.0442938	0.0472136
06/06/2017	01.00.00	-0.0175362	0.0443862	0.0477247
06/06/2017	02.00.00	-0.0186936	0.0454047	0.0491023
06/06/2017	03.00.00	-0.0196243	0.0472195	0.051135
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06/06/2017	11.00.00	-0.0126355	0.0434291	0.0452299

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06/06/2017	16.00.00	-0.0194446	0.0421736	0.0464404
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06/06/2017	18.00.00	-0.0201743	0.0467631	0.0509293
06/06/2017	19.00.00	-0.0194269	0.0486239	0.0523611
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07/06/2017	00.00.00	-0.0159009	0.0443962	0.0471579
07/06/2017	01.00.00	-0.0171742	0.0441866	0.0474069
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07/06/2017	04.00.00	-0.0198903	0.0487326	0.0526354
07/06/2017	05.00.00	-0.0198701	0.0509873	0.0547223
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07/06/2017	07.00.00	-0.0181011	0.053912	0.0568696
07/06/2017	08.00.00	-0.0163561	0.0532971	0.0557504
07/06/2017	09.00.00	-0.0144844	0.0508899	0.052911
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07/06/2017	16.00.00	-0.019492	0.0425735	0.0468235
07/06/2017	17.00.00	-0.019986	0.0447111	0.0489747
07/06/2017	18.00.00	-0.0199757	0.0469051	0.0509815
07/06/2017	19.00.00	-0.0194063	0.0487441	0.0524652
07/06/2017	20.00.00	-0.0182857	0.0497334	0.0529885
07/06/2017	21.00.00	-0.0168565	0.0495328	0.0523224
07/06/2017	22.00.00	-0.0156169	0.0482185	0.0506844
07/06/2017	23.00.00	-0.0151046	0.0463951	0.0487919
08/06/2017	00.00.00	-0.015553	0.0448995	0.047517
08/06/2017	01.00.00	-0.0167404	0.0443302	0.0473858
08/06/2017	02.00.00	-0.01814	0.044862	0.0483906

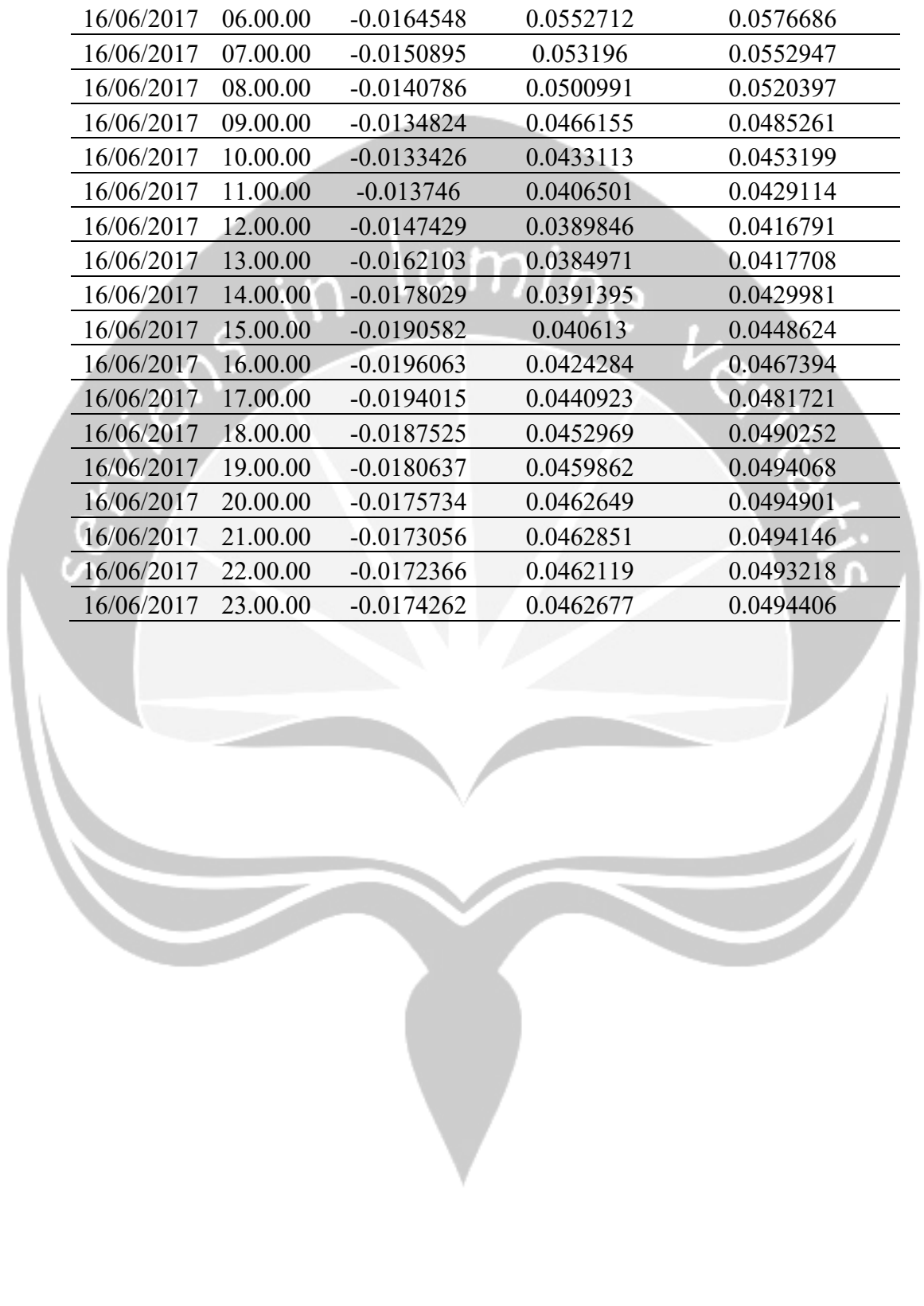
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08/06/2017	11.00.00	-0.0133889	0.0436622	0.0456689
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08/06/2017	15.00.00	-0.0186648	0.0410296	0.0450755
08/06/2017	16.00.00	-0.0196844	0.0429099	0.0472095
08/06/2017	17.00.00	-0.0200422	0.0450875	0.0493414
08/06/2017	18.00.00	-0.0198532	0.0472032	0.0512083
08/06/2017	19.00.00	-0.0192655	0.0489446	0.0525998
08/06/2017	20.00.00	-0.0183506	0.0499817	0.0532439
08/06/2017	21.00.00	-0.017191	0.0500331	0.0529041
08/06/2017	22.00.00	-0.0160469	0.0490428	0.0516013
08/06/2017	23.00.00	-0.015348	0.0473867	0.0498102
09/06/2017	00.00.00	-0.0154514	0.0457749	0.0483124
09/06/2017	01.00.00	-0.0163701	0.044885	0.0477771
09/06/2017	02.00.00	-0.017723	0.0450585	0.0484187
09/06/2017	03.00.00	-0.0189239	0.0462054	0.0499305
09/06/2017	04.00.00	-0.0194962	0.0479041	0.0517195
09/06/2017	05.00.00	-0.0193064	0.0495876	0.0532134
09/06/2017	06.00.00	-0.0185524	0.0507535	0.0540381
09/06/2017	07.00.00	-0.0175233	0.0510478	0.0539717
09/06/2017	08.00.00	-0.0163994	0.0502952	0.0529013
09/06/2017	09.00.00	-0.015292	0.048519	0.0508718
09/06/2017	10.00.00	-0.0143799	0.0460035	0.0481986
09/06/2017	11.00.00	-0.0139582	0.0432935	0.045488
09/06/2017	12.00.00	-0.0142896	0.041048	0.0434642
09/06/2017	13.00.00	-0.0154117	0.0398052	0.0426846
09/06/2017	14.00.00	-0.0170433	0.0398069	0.043302
09/06/2017	15.00.00	-0.0186954	0.0409896	0.0450518
09/06/2017	16.00.00	-0.0198579	0.0429972	0.0473614
09/06/2017	17.00.00	-0.0202408	0.0453257	0.0496398

09/06/2017	18.00.00	-0.0199115	0.0475043	0.0515085
09/06/2017	19.00.00	-0.0191722	0.0492012	0.0528046
09/06/2017	20.00.00	-0.018284	0.0502037	0.0534296
09/06/2017	21.00.00	-0.0173519	0.0503758	0.0532805
09/06/2017	22.00.00	-0.0164548	0.0496915	0.0523451
09/06/2017	23.00.00	-0.0157937	0.0483663	0.0508797
10/06/2017	00.00.00	-0.0156607	0.046885	0.0494314
10/06/2017	01.00.00	-0.0162237	0.0458446	0.0486306
10/06/2017	02.00.00	-0.0173312	0.0456771	0.0488545
10/06/2017	03.00.00	-0.018522	0.0464716	0.0500268
10/06/2017	04.00.00	-0.0192346	0.0479098	0.0516267
10/06/2017	05.00.00	-0.0191364	0.0494017	0.0529786
10/06/2017	06.00.00	-0.0183159	0.0503223	0.0535519
10/06/2017	07.00.00	-0.0171516	0.050273	0.0531183
10/06/2017	08.00.00	-0.01603	0.0491888	0.0517348
10/06/2017	09.00.00	-0.0151633	0.0473031	0.049674
10/06/2017	10.00.00	-0.0146143	0.0449966	0.0473104
10/06/2017	11.00.00	-0.0144313	0.042683	0.0450566
10/06/2017	12.00.00	-0.0147272	0.0407805	0.0433583
10/06/2017	13.00.00	-0.015604	0.0396821	0.0426398
10/06/2017	14.00.00	-0.0169885	0.0396564	0.0431421
10/06/2017	15.00.00	-0.0185711	0.0407675	0.0447982
10/06/2017	16.00.00	-0.0198625	0.042788	0.0471734
10/06/2017	17.00.00	-0.020415	0.0452468	0.0496392
10/06/2017	18.00.00	-0.0201109	0.0475828	0.0516582
10/06/2017	19.00.00	-0.01924	0.0493569	0.0529744
10/06/2017	20.00.00	-0.0182379	0.0503563	0.0535573
10/06/2017	21.00.00	-0.0173773	0.0505646	0.0534672
10/06/2017	22.00.00	-0.0167245	0.0500884	0.0528068
10/06/2017	23.00.00	-0.0162797	0.0491333	0.0517601
11/06/2017	00.00.00	-0.0161243	0.0479967	0.0506327
11/06/2017	01.00.00	-0.0163994	0.04707	0.049845
11/06/2017	02.00.00	-0.0171381	0.0467304	0.049774
11/06/2017	03.00.00	-0.0181075	0.0471757	0.0505314
11/06/2017	04.00.00	-0.0188427	0.0482618	0.0518098
11/06/2017	05.00.00	-0.0188976	0.0494995	0.0529842
11/06/2017	06.00.00	-0.0181519	0.0502276	0.0534069
11/06/2017	07.00.00	-0.016906	0.049934	0.0527183
11/06/2017	08.00.00	-0.0156621	0.0485361	0.0510006

11/06/2017	09.00.00	-0.0148254	0.0463963	0.0487074
11/06/2017	10.00.00	-0.0145219	0.0440578	0.0463894
11/06/2017	11.00.00	-0.0146578	0.0419607	0.0444472
11/06/2017	12.00.00	-0.0151222	0.0403775	0.0431163
11/06/2017	13.00.00	-0.0159072	0.0395042	0.0425866
11/06/2017	14.00.00	-0.0170306	0.0395132	0.0430271
11/06/2017	15.00.00	-0.0183902	0.0405068	0.044486
11/06/2017	16.00.00	-0.0196643	0.0423947	0.0467332
11/06/2017	17.00.00	-0.0203974	0.044835	0.0492568
11/06/2017	18.00.00	-0.0202858	0.0472842	0.051452
11/06/2017	19.00.00	-0.0194414	0.0492088	0.05291
11/06/2017	20.00.00	-0.0183256	0.0503004	0.0535346
11/06/2017	21.00.00	-0.0173947	0.0505555	0.0534643
11/06/2017	22.00.00	-0.0168576	0.0502044	0.052959
11/06/2017	23.00.00	-0.0166668	0.0495566	0.0522842
12/06/2017	00.00.00	-0.0166882	0.0488622	0.0516335
12/06/2017	01.00.00	-0.0168753	0.0483103	0.0511728
12/06/2017	02.00.00	-0.0172741	0.0480847	0.0510933
12/06/2017	03.00.00	-0.0178601	0.0483419	0.0515357
12/06/2017	04.00.00	-0.0183999	0.0490654	0.052402
12/06/2017	05.00.00	-0.0185117	0.0499458	0.053266
12/06/2017	06.00.00	-0.0179273	0.0504186	0.0535109
12/06/2017	07.00.00	-0.016744	0.0499286	0.0526614
12/06/2017	08.00.00	-0.0154143	0.0482957	0.0506959
12/06/2017	09.00.00	-0.0144768	0.0458852	0.0481148
12/06/2017	10.00.00	-0.0142285	0.0433613	0.0456361
12/06/2017	11.00.00	-0.0146032	0.0412808	0.0437876
12/06/2017	12.00.00	-0.0153408	0.039901	0.0427485
12/06/2017	13.00.00	-0.0162302	0.0392767	0.0424979
12/06/2017	14.00.00	-0.0172131	0.0394136	0.0430085
12/06/2017	15.00.00	-0.0182945	0.0403351	0.0442901
12/06/2017	16.00.00	-0.019368	0.0420124	0.0462619
12/06/2017	17.00.00	-0.0201364	0.0442522	0.0486182
12/06/2017	18.00.00	-0.0202523	0.0466403	0.0508475
12/06/2017	19.00.00	-0.0196142	0.0486517	0.0524567
12/06/2017	20.00.00	-0.0185281	0.0498838	0.0532135
12/06/2017	21.00.00	-0.0175099	0.0502517	0.0532149
12/06/2017	22.00.00	-0.0169486	0.0500119	0.0528057
12/06/2017	23.00.00	-0.0169135	0.0495862	0.0523914

13/06/2017	00.00.00	-0.0171894	0.0493024	0.052213
13/06/2017	01.00.00	-0.017506	0.0492714	0.0522889
13/06/2017	02.00.00	-0.0177457	0.0494656	0.0525524
13/06/2017	03.00.00	-0.017939	0.0498457	0.0529754
13/06/2017	04.00.00	-0.0180892	0.0503635	0.0535136
13/06/2017	05.00.00	-0.0180375	0.0508537	0.0539578
13/06/2017	06.00.00	-0.0175425	0.0509488	0.0538843
13/06/2017	07.00.00	-0.0165267	0.0501931	0.052844
13/06/2017	08.00.00	-0.0152534	0.0483621	0.0507106
13/06/2017	09.00.00	-0.014236	0.0457351	0.0478995
13/06/2017	10.00.00	-0.0139117	0.042987	0.045182
13/06/2017	11.00.00	-0.0143625	0.0407773	0.0432327
13/06/2017	12.00.00	-0.0153312	0.0394452	0.0423198
13/06/2017	13.00.00	-0.0164519	0.0390117	0.0423388
13/06/2017	14.00.00	-0.0174826	0.0393427	0.0430522
13/06/2017	15.00.00	-0.0183704	0.0403044	0.0442935
13/06/2017	16.00.00	-0.019143	0.04181	0.045984
13/06/2017	17.00.00	-0.0197358	0.043746	0.0479918
13/06/2017	18.00.00	-0.0199393	0.0458659	0.0500126
13/06/2017	19.00.00	-0.0195645	0.0477735	0.0516243
13/06/2017	20.00.00	-0.0186908	0.0490674	0.0525067
13/06/2017	21.00.00	-0.01771	0.0495729	0.0526414
13/06/2017	22.00.00	-0.0170898	0.0494746	0.052343
13/06/2017	23.00.00	-0.0170754	0.049223	0.0521006
14/06/2017	00.00.00	-0.0175409	0.0492518	0.0522822
14/06/2017	01.00.00	-0.0181051	0.0497294	0.0529226
14/06/2017	02.00.00	-0.0184209	0.0505293	0.0537823
14/06/2017	03.00.00	-0.0183845	0.0513781	0.0545683
14/06/2017	04.00.00	-0.0180973	0.052025	0.0550828
14/06/2017	05.00.00	-0.0176597	0.0522761	0.0551784
14/06/2017	06.00.00	-0.0170356	0.0519321	0.0546549
14/06/2017	07.00.00	-0.0161373	0.0507654	0.0532686
14/06/2017	08.00.00	-0.0150395	0.0486616	0.0509327
14/06/2017	09.00.00	-0.0140785	0.045847	0.0479599
14/06/2017	10.00.00	-0.0136862	0.0429104	0.0450402
14/06/2017	11.00.00	-0.0140867	0.0405222	0.0429009
14/06/2017	12.00.00	-0.0151513	0.0391089	0.0419413
14/06/2017	13.00.00	-0.0164983	0.0387518	0.0421176
14/06/2017	14.00.00	-0.0177233	0.0392706	0.0430847

14/06/2017	15.00.00	-0.0185973	0.0403853	0.0444615
14/06/2017	16.00.00	-0.0191169	0.0418543	0.0460135
14/06/2017	17.00.00	-0.0193881	0.0435228	0.0476459
14/06/2017	18.00.00	-0.0194461	0.0452528	0.0492541
14/06/2017	19.00.00	-0.0192065	0.0468334	0.0506187
14/06/2017	20.00.00	-0.0186194	0.0479923	0.0514776
14/06/2017	21.00.00	-0.0178523	0.048548	0.0517263
14/06/2017	22.00.00	-0.0172756	0.0485886	0.0515683
14/06/2017	23.00.00	-0.0172286	0.0484966	0.0514659
15/06/2017	00.00.00	-0.0177567	0.0487438	0.0518773
15/06/2017	01.00.00	-0.0185418	0.0496055	0.0529576
15/06/2017	02.00.00	-0.0190945	0.0510039	0.054461
15/06/2017	03.00.00	-0.0190793	0.0525404	0.0558974
15/06/2017	04.00.00	-0.0184993	0.0537049	0.0568017
15/06/2017	05.00.00	-0.0175935	0.0540725	0.0568627
15/06/2017	06.00.00	-0.0165925	0.0534237	0.0559411
15/06/2017	07.00.00	-0.015597	0.0517502	0.0540495
15/06/2017	08.00.00	-0.0146456	0.0492121	0.0513451
15/06/2017	09.00.00	-0.0138701	0.046142	0.0481815
15/06/2017	10.00.00	-0.0135361	0.0430458	0.0451239
15/06/2017	11.00.00	-0.0138817	0.040505	0.0428177
15/06/2017	12.00.00	-0.0149219	0.0389563	0.0417163
15/06/2017	13.00.00	-0.0163868	0.0385631	0.0419004
15/06/2017	14.00.00	-0.0178363	0.0391931	0.0430608
15/06/2017	15.00.00	-0.0188668	0.0405073	0.0446855
15/06/2017	16.00.00	-0.0193036	0.0420993	0.0463139
15/06/2017	17.00.00	-0.0192596	0.0436607	0.0477199
15/06/2017	18.00.00	-0.018983	0.0450359	0.0488731
15/06/2017	19.00.00	-0.0186317	0.0461546	0.0497733
15/06/2017	20.00.00	-0.018219	0.0469476	0.0503588
15/06/2017	21.00.00	-0.0177501	0.0473541	0.0505715
15/06/2017	22.00.00	-0.0173812	0.0474369	0.0505209
15/06/2017	23.00.00	-0.0173776	0.0474719	0.0505525
16/06/2017	00.00.00	-0.0178972	0.0478699	0.0511062
16/06/2017	01.00.00	-0.0187895	0.0489651	0.0524464
16/06/2017	02.00.00	-0.0195955	0.0507986	0.0544471
16/06/2017	03.00.00	-0.0198051	0.0530109	0.0565898
16/06/2017	04.00.00	-0.0191953	0.0549409	0.0581977
16/06/2017	05.00.00	-0.0179479	0.0558565	0.0586692



16/06/2017	06.00.00	-0.0164548	0.0552712	0.0576686
16/06/2017	07.00.00	-0.0150895	0.053196	0.0552947
16/06/2017	08.00.00	-0.0140786	0.0500991	0.0520397
16/06/2017	09.00.00	-0.0134824	0.0466155	0.0485261
16/06/2017	10.00.00	-0.0133426	0.0433113	0.0453199
16/06/2017	11.00.00	-0.013746	0.0406501	0.0429114
16/06/2017	12.00.00	-0.0147429	0.0389846	0.0416791
16/06/2017	13.00.00	-0.0162103	0.0384971	0.0417708
16/06/2017	14.00.00	-0.0178029	0.0391395	0.0429981
16/06/2017	15.00.00	-0.0190582	0.040613	0.0448624
16/06/2017	16.00.00	-0.0196063	0.0424284	0.0467394
16/06/2017	17.00.00	-0.0194015	0.0440923	0.0481721
16/06/2017	18.00.00	-0.0187525	0.0452969	0.0490252
16/06/2017	19.00.00	-0.0180637	0.0459862	0.0494068
16/06/2017	20.00.00	-0.0175734	0.0462649	0.0494901
16/06/2017	21.00.00	-0.0173056	0.0462851	0.0494146
16/06/2017	22.00.00	-0.0172366	0.0462119	0.0493218
16/06/2017	23.00.00	-0.0174262	0.0462677	0.0494406

Lampiran 7.

**Report of Depth Averaged Velocity
PLTGU Muara Karang CCPP 400-500 MW**

SKENARIO I		Location :		Outfall
Date	Time	X component of depth averaged velocity (m/s)	Y component of depth averaged velocity (m/s)	magnitude of depth averaged velocity (m/s)
02/06/2017	00.00.00	0	0	0
02/06/2017	01.00.00	-0.121439	0.217329	0.248956
02/06/2017	02.00.00	-0.133471	0.242855	0.277115
02/06/2017	03.00.00	-0.138809	0.256389	0.291553
02/06/2017	04.00.00	-0.14636	0.27595	0.312361
02/06/2017	05.00.00	-0.150855	0.289003	0.326006
02/06/2017	06.00.00	-0.150151	0.288403	0.325149
02/06/2017	07.00.00	-0.144594	0.273909	0.309732
02/06/2017	08.00.00	-0.135379	0.250225	0.2845
02/06/2017	09.00.00	-0.124916	0.224673	0.257065
02/06/2017	10.00.00	-0.115025	0.201884	0.232353
02/06/2017	11.00.00	-0.107139	0.184429	0.213291
02/06/2017	12.00.00	-0.102049	0.173391	0.201192
02/06/2017	13.00.00	-0.10025	0.169317	0.19677
02/06/2017	14.00.00	-0.101807	0.17216	0.200009
02/06/2017	15.00.00	-0.106373	0.181353	0.210247
02/06/2017	16.00.00	-0.11294	0.195168	0.225491
02/06/2017	17.00.00	-0.119854	0.210431	0.24217
02/06/2017	18.00.00	-0.125246	0.223006	0.255769
02/06/2017	19.00.00	-0.127948	0.229777	0.262999
02/06/2017	20.00.00	-0.128067	0.230462	0.263655
02/06/2017	21.00.00	-0.126547	0.227104	0.259981
02/06/2017	22.00.00	-0.124486	0.222338	0.254816
02/06/2017	23.00.00	-0.122833	0.218428	0.250596
03/06/2017	00.00.00	-0.122511	0.21747	0.249604
03/06/2017	01.00.00	-0.124442	0.221575	0.254128
03/06/2017	02.00.00	-0.129261	0.232433	0.265958
03/06/2017	03.00.00	-0.13678	0.250289	0.285225

03/06/2017	04.00.00	-0.14537	0.272277	0.308654
03/06/2017	05.00.00	-0.151963	0.29113	0.328404
03/06/2017	06.00.00	-0.153596	0.2975	0.334811
03/06/2017	07.00.00	-0.149249	0.286558	0.323096
03/06/2017	08.00.00	-0.139935	0.262004	0.297032
03/06/2017	09.00.00	-0.128343	0.233045	0.266049
03/06/2017	10.00.00	-0.117383	0.207305	0.238232
03/06/2017	11.00.00	-0.108742	0.187958	0.217148
03/06/2017	12.00.00	-0.103048	0.175543	0.203554
03/06/2017	13.00.00	-0.100536	0.169984	0.197489
03/06/2017	14.00.00	-0.101325	0.171251	0.198981
03/06/2017	15.00.00	-0.105285	0.179135	0.207785
03/06/2017	16.00.00	-0.111774	0.192646	0.222724
03/06/2017	17.00.00	-0.119333	0.209158	0.240805
03/06/2017	18.00.00	-0.125775	0.224076	0.256962
03/06/2017	19.00.00	-0.129159	0.232562	0.26602
03/06/2017	20.00.00	-0.129029	0.232819	0.266183
03/06/2017	21.00.00	-0.126553	0.227276	0.260134
03/06/2017	22.00.00	-0.123481	0.220148	0.252414
03/06/2017	23.00.00	-0.121173	0.214704	0.246537
04/06/2017	00.00.00	-0.120458	0.212835	0.244558
04/06/2017	01.00.00	-0.121924	0.215853	0.247908
04/06/2017	02.00.00	-0.126058	0.224997	0.257904
04/06/2017	03.00.00	-0.132972	0.241014	0.275263
04/06/2017	04.00.00	-0.141745	0.262681	0.298484
04/06/2017	05.00.00	-0.149876	0.284753	0.321787
04/06/2017	06.00.00	-0.153956	0.297783	0.335227
04/06/2017	07.00.00	-0.151835	0.293488	0.330437
04/06/2017	08.00.00	-0.143643	0.271791	0.307415
04/06/2017	09.00.00	-0.131812	0.241622	0.275238
04/06/2017	10.00.00	-0.119999	0.213378	0.244805
04/06/2017	11.00.00	-0.110664	0.192196	0.221779
04/06/2017	12.00.00	-0.104546	0.178733	0.207064
04/06/2017	13.00.00	-0.10163	0.172291	0.200032
04/06/2017	14.00.00	-0.101832	0.172366	0.200199
04/06/2017	15.00.00	-0.105076	0.178778	0.20737
04/06/2017	16.00.00	-0.111016	0.191075	0.220985
04/06/2017	17.00.00	-0.118605	0.207514	0.239017
04/06/2017	18.00.00	-0.125813	0.224036	0.256945

04/06/2017	19.00.00	-0.130227	0.234953	0.26863
04/06/2017	20.00.00	-0.130551	0.236426	0.270075
04/06/2017	21.00.00	-0.12758	0.229807	0.262845
04/06/2017	22.00.00	-0.123468	0.220275	0.252519
04/06/2017	23.00.00	-0.120219	0.212657	0.244286
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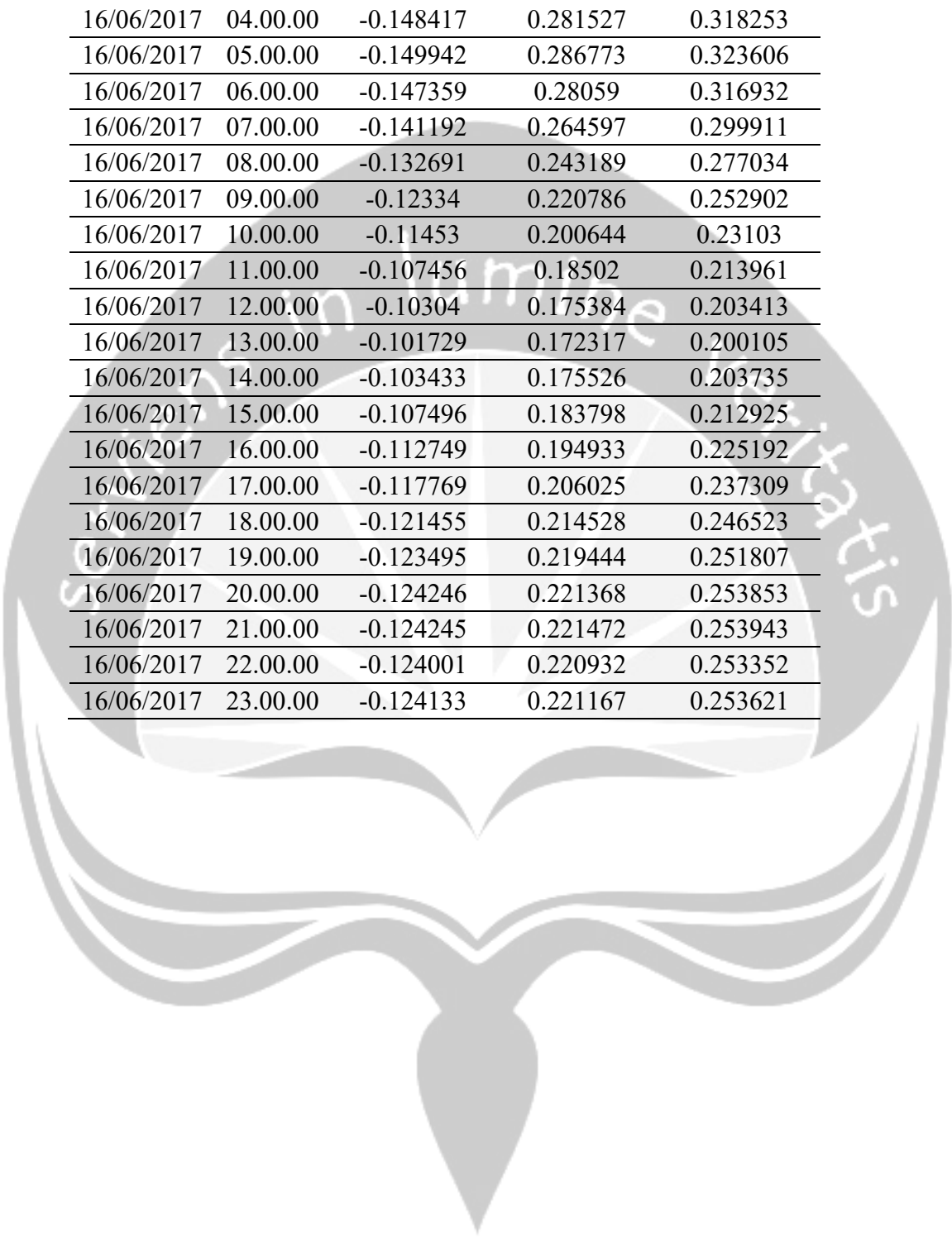
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15/06/2017	21.00.00	-0.127411	0.228731	0.261824
15/06/2017	22.00.00	-0.127523	0.229144	0.262238
15/06/2017	23.00.00	-0.127499	0.229082	0.262173
16/06/2017	00.00.00	-0.128624	0.231542	0.264869
16/06/2017	01.00.00	-0.131875	0.238988	0.272959
16/06/2017	02.00.00	-0.137264	0.251915	0.286884
16/06/2017	03.00.00	-0.143518	0.267882	0.303905



16/06/2017	04.00.00	-0.148417	0.281527	0.318253
16/06/2017	05.00.00	-0.149942	0.286773	0.323606
16/06/2017	06.00.00	-0.147359	0.28059	0.316932
16/06/2017	07.00.00	-0.141192	0.264597	0.299911
16/06/2017	08.00.00	-0.132691	0.243189	0.277034
16/06/2017	09.00.00	-0.12334	0.220786	0.252902
16/06/2017	10.00.00	-0.11453	0.200644	0.23103
16/06/2017	11.00.00	-0.107456	0.18502	0.213961
16/06/2017	12.00.00	-0.10304	0.175384	0.203413
16/06/2017	13.00.00	-0.101729	0.172317	0.200105
16/06/2017	14.00.00	-0.103433	0.175526	0.203735
16/06/2017	15.00.00	-0.107496	0.183798	0.212925
16/06/2017	16.00.00	-0.112749	0.194933	0.225192
16/06/2017	17.00.00	-0.117769	0.206025	0.237309
16/06/2017	18.00.00	-0.121455	0.214528	0.246523
16/06/2017	19.00.00	-0.123495	0.219444	0.251807
16/06/2017	20.00.00	-0.124246	0.221368	0.253853
16/06/2017	21.00.00	-0.124245	0.221472	0.253943
16/06/2017	22.00.00	-0.124001	0.220932	0.253352
16/06/2017	23.00.00	-0.124133	0.221167	0.253621

Lampiran 8.

**Report of Depth Averaged Velocity
PLTGU Muara Karang CCPP 400-500 MW**

SKENARIO II		Location :		Intake
Date	Time	X component of depth averaged velocity (m/s)	Y component of depth averaged velocity (m/s)	magnitude of depth averaged velocity (m/s)
02/06/2017	00.00.00	0	0	0
02/06/2017	01.00.00	-0.000425789	0.000508576	0.000663284
02/06/2017	02.00.00	-0.000256428	0.00041998	0.000492076
02/06/2017	03.00.00	-7.85788E-05	-0.000581301	0.000586588
02/06/2017	04.00.00	8.72E-05	0.000831948	0.000836501
02/06/2017	05.00.00	0.0003351	0.000848169	0.000911966
02/06/2017	06.00.00	0.00045182	-0.000261436	0.000522006
02/06/2017	07.00.00	0.00028322	-0.00115902	0.00119312
02/06/2017	08.00.00	5.11E-05	-0.00223867	0.00223925
02/06/2017	09.00.00	-0.000244393	-0.00216222	0.00217598
02/06/2017	10.00.00	-0.000441055	-0.00218035	0.00222451
02/06/2017	11.00.00	-0.000521816	-0.0018912	0.00196187
02/06/2017	12.00.00	-0.000553443	-0.00133832	0.00144824
02/06/2017	13.00.00	-0.000566204	-0.000537545	0.000780731
02/06/2017	14.00.00	-0.000573623	0.000355061	0.000674619
02/06/2017	15.00.00	-0.00057492	0.0011115	0.00125139
02/06/2017	16.00.00	-0.000559706	0.00151977	0.00161956
02/06/2017	17.00.00	-0.000511501	0.00145962	0.00154665
02/06/2017	18.00.00	-0.000437518	0.00101342	0.00110383
02/06/2017	19.00.00	-0.000341201	0.000412157	0.000535062
02/06/2017	20.00.00	-0.000301202	-9.65E-02	0.000316277
02/06/2017	21.00.00	-0.000313029	-0.000402188	0.000509649
02/06/2017	22.00.00	-0.000359493	-0.000503041	0.000618292
02/06/2017	23.00.00	-0.00040444	-0.00040383	0.000571533
03/06/2017	00.00.00	-0.000429234	-0.000101287	0.000441022
03/06/2017	01.00.00	-0.000422791	0.000398309	0.000580863
03/06/2017	02.00.00	-0.000346379	0.000998374	0.00105675
03/06/2017	03.00.00	-0.000207039	0.00147853	0.00149296
03/06/2017	04.00.00	2.44E+00	0.00161236	0.00161254

03/06/2017	05.00.00	0.000303475	0.00107705	0.00111899
03/06/2017	06.00.00	0.000525896	0.000106661	0.000536604
03/06/2017	07.00.00	0.00044281	-0.000988557	0.0010832
03/06/2017	08.00.00	9.41E-01	-0.0016855	0.00168812
03/06/2017	09.00.00	-0.000150056	-0.00240014	0.00240482
03/06/2017	10.00.00	-0.00039666	-0.00231988	0.00235355
03/06/2017	11.00.00	-0.000510822	-0.00201173	0.00207557
03/06/2017	12.00.00	-0.00055166	-0.00145563	0.00155666
03/06/2017	13.00.00	-0.000566246	-0.000707002	0.000905807
03/06/2017	14.00.00	-0.000574036	0.000158985	0.000595646
03/06/2017	15.00.00	-0.000577056	0.000982432	0.00113937
03/06/2017	16.00.00	-0.000566659	0.00154289	0.00164366
03/06/2017	17.00.00	-0.00052192	0.00164386	0.00172472
03/06/2017	18.00.00	-0.000440399	0.00124523	0.00132081
03/06/2017	19.00.00	-0.000319836	0.000532338	0.00062103
03/06/2017	20.00.00	-0.000279266	-0.000163459	0.000323587
03/06/2017	21.00.00	-0.000303322	-0.000593977	0.000666943
03/06/2017	22.00.00	-0.000373668	-0.000695176	0.000789239
03/06/2017	23.00.00	-0.000430304	-0.000534306	0.000686035
04/06/2017	00.00.00	-0.000452946	-0.000185928	0.000489622
04/06/2017	01.00.00	-0.000452708	0.000298725	0.000542385
04/06/2017	02.00.00	-0.000416362	0.000870329	0.000964795
04/06/2017	03.00.00	-0.000288406	0.00140248	0.00143183
04/06/2017	04.00.00	-9.32E+00	0.00166486	0.00166747
04/06/2017	05.00.00	0.000173225	0.00142028	0.00143081
04/06/2017	06.00.00	0.000492442	0.000596552	0.000773546
04/06/2017	07.00.00	0.000537804	-0.000591394	0.000799362
04/06/2017	08.00.00	0.000268871	-0.00169357	0.00171478
04/06/2017	09.00.00	-4.92E+00	-0.00224573	0.00224627
04/06/2017	10.00.00	-0.000333668	-0.00242379	0.00244665
04/06/2017	11.00.00	-0.000493077	-0.00211102	0.00216784
04/06/2017	12.00.00	-0.000545344	-0.00152929	0.00162361
04/06/2017	13.00.00	-0.00056351	-0.000803425	0.000981343
04/06/2017	14.00.00	-0.000571959	1.20E-01	0.00057196
04/06/2017	15.00.00	-0.000575417	0.00079571	0.000981967
04/06/2017	16.00.00	-0.000567886	0.00142431	0.00153334
04/06/2017	17.00.00	-0.000528756	0.00168085	0.00176206
04/06/2017	18.00.00	-0.000447065	0.00142812	0.00149646
04/06/2017	19.00.00	-0.000309359	0.000729407	0.000792298

04/06/2017	20.00.00	-0.000251378	-9.69E+00	0.000269423
04/06/2017	21.00.00	-0.000276946	-0.000707674	0.000759935
04/06/2017	22.00.00	-0.000360215	-0.000905652	0.000974659
04/06/2017	23.00.00	-0.000435458	-0.000726353	0.000846884
05/06/2017	00.00.00	-0.000466568	-0.000309613	0.000559952
05/06/2017	01.00.00	-0.000472286	0.000206268	0.000515365
05/06/2017	02.00.00	-0.000449536	0.000746434	0.000871347
05/06/2017	03.00.00	-0.000358808	0.0012467	0.00129731
05/06/2017	04.00.00	-0.000192617	0.00156544	0.00157725
05/06/2017	05.00.00	3.28E+00	0.00152091	0.00152126
05/06/2017	06.00.00	0.000312846	0.000907381	0.000959798
05/06/2017	07.00.00	0.000502696	-0.000164178	0.000528827
05/06/2017	08.00.00	0.000344543	-0.0013395	0.0013831
05/06/2017	09.00.00	-4.56E+00	-0.00174038	0.00174098
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05/06/2017	12.00.00	-0.000537395	-0.00156528	0.00165496
05/06/2017	13.00.00	-0.000560239	-0.000825506	0.000997661
05/06/2017	14.00.00	-0.000569392	-6.04E+00	0.000572582
05/06/2017	15.00.00	-0.00057235	0.000660025	0.000873623
05/06/2017	16.00.00	-0.00056496	0.00125886	0.00137983
05/06/2017	17.00.00	-0.000529545	0.00158971	0.00167559
05/06/2017	18.00.00	-0.000452271	0.00149309	0.00156009
05/06/2017	19.00.00	-0.000306175	0.000920586	0.000970166
05/06/2017	20.00.00	-0.000226195	7.50E+00	0.00023829
05/06/2017	21.00.00	-0.000239826	-0.00068794	0.000728545
05/06/2017	22.00.00	-0.000316941	-0.00104808	0.00109495
05/06/2017	23.00.00	-0.000424282	-0.000940366	0.00103165
06/06/2017	00.00.00	-0.000469653	-0.000490279	0.000678931
06/06/2017	01.00.00	-0.00048305	9.00E+00	0.000491355
06/06/2017	02.00.00	-0.000468064	0.000646392	0.000798065
06/06/2017	03.00.00	-0.00041151	0.00109649	0.00117117
06/06/2017	04.00.00	-0.000264146	0.00138739	0.00141231
06/06/2017	05.00.00	-7.80E+00	0.0013981	0.00140027
06/06/2017	06.00.00	0.000120489	0.000957458	0.00096501
06/06/2017	07.00.00	0.000301242	0.000146993	0.000335192
06/06/2017	08.00.00	0.00025971	-0.000957024	0.000991637
06/06/2017	09.00.00	-7.47E-01	-0.00191409	0.0019141
06/06/2017	10.00.00	-0.000249501	-0.00232841	0.00234174

06/06/2017	11.00.00	-0.000454617	-0.00221311	0.00225932
06/06/2017	12.00.00	-0.000529403	-0.00160628	0.00169128
06/06/2017	13.00.00	-0.0005571	-0.000818746	0.000990306
06/06/2017	14.00.00	-0.000566929	-4.15E+00	0.000568443
06/06/2017	15.00.00	-0.000568902	0.000629774	0.000848684
06/06/2017	16.00.00	-0.00055899	0.00114566	0.00127476
06/06/2017	17.00.00	-0.00052369	0.00144969	0.00154138
06/06/2017	18.00.00	-0.000450527	0.00143652	0.00150551
06/06/2017	19.00.00	-0.000304484	0.00101821	0.00106276
06/06/2017	20.00.00	-0.000208068	0.000269664	0.000340604
06/06/2017	21.00.00	-0.000200369	-0.000545163	0.000580818
06/06/2017	22.00.00	-0.000275255	-0.00107434	0.00110904
06/06/2017	23.00.00	-0.000388463	-0.00111079	0.00117676
07/06/2017	00.00.00	-0.000460629	-0.00070675	0.000843608
07/06/2017	01.00.00	-0.000484362	-8.12E-01	0.000491115
07/06/2017	02.00.00	-0.000477449	0.000536083	0.000717874
07/06/2017	03.00.00	-0.00043553	0.000987979	0.00107972
07/06/2017	04.00.00	-0.000309179	0.00121848	0.00125709
07/06/2017	05.00.00	-0.000157853	0.00120224	0.00121256
07/06/2017	06.00.00	2.12E-01	0.00089104	0.000891043
07/06/2017	07.00.00	0.000116634	0.000237748	0.000264816
07/06/2017	08.00.00	0.000113873	-0.000665538	0.00067521
07/06/2017	09.00.00	-6.69E+00	-0.00155966	0.00156109
07/06/2017	10.00.00	-0.000244367	-0.00217272	0.00218641
07/06/2017	11.00.00	-0.000443202	-0.00214567	0.00219096
07/06/2017	12.00.00	-0.000523308	-0.00162931	0.00171129
07/06/2017	13.00.00	-0.000554563	-0.000828996	0.000997384
07/06/2017	14.00.00	-0.000565249	9.32E-02	0.00056525
07/06/2017	15.00.00	-0.000566249	0.000684774	0.000888568
07/06/2017	16.00.00	-0.000552256	0.00113919	0.001266
07/06/2017	17.00.00	-0.000513232	0.00135753	0.00145131
07/06/2017	18.00.00	-0.0004401	0.00132706	0.00139813
07/06/2017	19.00.00	-0.000296161	0.00100464	0.00104739
07/06/2017	20.00.00	-0.000194827	0.000401678	0.000446433
07/06/2017	21.00.00	-0.000166561	-0.00034796	0.00038577
07/06/2017	22.00.00	-0.00022766	-0.000960364	0.000986979
07/06/2017	23.00.00	-0.000340892	-0.00116104	0.00121005
08/06/2017	00.00.00	-0.000437107	-0.000895881	0.000996828
08/06/2017	01.00.00	-0.00047433	-0.00029621	0.000559222

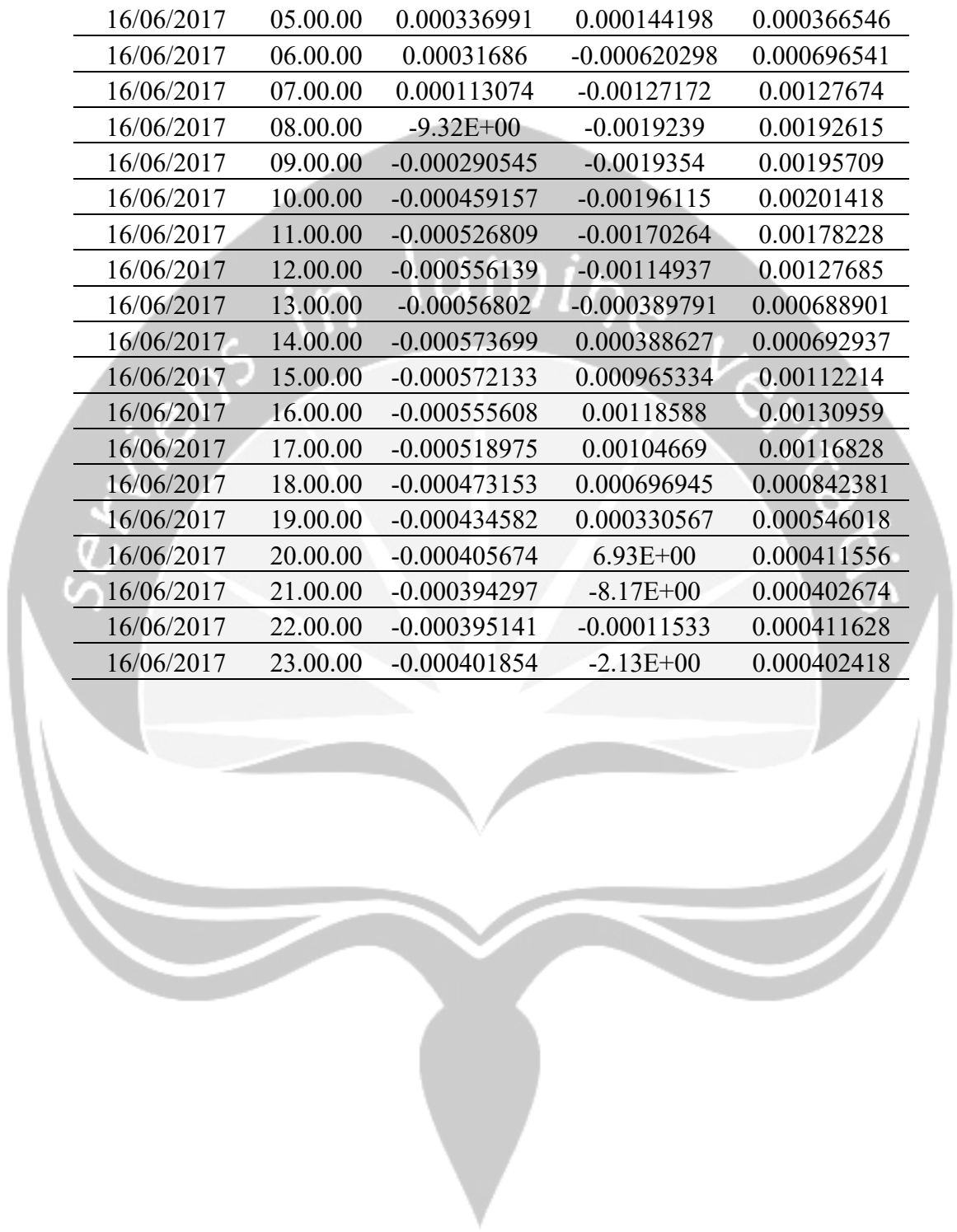
08/06/2017	02.00.00	-0.000477051	0.00037595	0.000607385
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08/06/2017	04.00.00	-0.000340524	0.00109613	0.0011478
08/06/2017	05.00.00	-0.000207999	0.00101596	0.00103703
08/06/2017	06.00.00	-7.89E-02	0.000686391	0.00069091
08/06/2017	07.00.00	-2.24E-01	0.000146081	0.000146099
08/06/2017	08.00.00	-2.46E-01	-0.000553884	0.00055389
08/06/2017	09.00.00	-0.000125136	-0.00129336	0.0012994
08/06/2017	10.00.00	-0.000274881	-0.0018418	0.0018622
08/06/2017	11.00.00	-0.000447173	-0.00196268	0.00201297
08/06/2017	12.00.00	-0.000521047	-0.00159219	0.00167528
08/06/2017	13.00.00	-0.000553105	-0.000851862	0.00101567
08/06/2017	14.00.00	-0.000564524	9.52E-01	0.000564604
08/06/2017	15.00.00	-0.000565345	0.0007551	0.000943288
08/06/2017	16.00.00	-0.000548104	0.00121834	0.00133595
08/06/2017	17.00.00	-0.000503074	0.00137043	0.00145985
08/06/2017	18.00.00	-0.000424102	0.00125857	0.0013281
08/06/2017	19.00.00	-0.000280117	0.000933819	0.000974927
08/06/2017	20.00.00	-0.000181099	0.000436774	0.00047283
08/06/2017	21.00.00	-0.00014161	-0.000181129	0.000229915
08/06/2017	22.00.00	-0.000183092	-0.000760473	0.000782203
08/06/2017	23.00.00	-0.000275412	-0.00107574	0.00111043
09/06/2017	00.00.00	-0.000386174	-0.000975232	0.00104891
09/06/2017	01.00.00	-0.000450263	-0.000495207	0.000669303
09/06/2017	02.00.00	-0.000464277	0.000164105	0.000492426
09/06/2017	03.00.00	-0.000441345	0.000728767	0.000851989
09/06/2017	04.00.00	-0.000350419	0.000988776	0.00104903
09/06/2017	05.00.00	-0.000232097	0.000884216	0.00091417
09/06/2017	06.00.00	-0.000125231	0.00047945	0.000495535
09/06/2017	07.00.00	-7.66E+00	-5.03E+00	9.17E-03
09/06/2017	08.00.00	-0.000103575	-0.000628618	0.000637094
09/06/2017	09.00.00	-0.000202721	-0.0011657	0.0011832
09/06/2017	10.00.00	-0.000333236	-0.00158179	0.00161651
09/06/2017	11.00.00	-0.000463281	-0.00172173	0.00178297
09/06/2017	12.00.00	-0.000523666	-0.00147267	0.001563
09/06/2017	13.00.00	-0.000553059	-0.000852512	0.00101619
09/06/2017	14.00.00	-0.000564485	-2.68E+00	0.00056512
09/06/2017	15.00.00	-0.000566005	0.000770916	0.000956385
09/06/2017	16.00.00	-0.000548627	0.00130501	0.00141564

09/06/2017	17.00.00	-0.000499352	0.00146566	0.00154839
09/06/2017	18.00.00	-0.000401488	0.00128607	0.00134728
09/06/2017	19.00.00	-0.000261405	0.000888934	0.000926572
09/06/2017	20.00.00	-0.000165118	0.000409477	0.000441515
09/06/2017	21.00.00	-0.000124103	-9.29E+00	0.000155016
09/06/2017	22.00.00	-0.000149957	-0.000557168	0.000576995
09/06/2017	23.00.00	-0.000225569	-0.000873142	0.000901809
10/06/2017	00.00.00	-0.000311042	-0.000905635	0.00095756
10/06/2017	01.00.00	-0.000400764	-0.000600741	0.000722151
10/06/2017	02.00.00	-0.000435175	-4.74E+00	0.000437748
10/06/2017	03.00.00	-0.000422987	0.000519362	0.000669817
10/06/2017	04.00.00	-0.000338493	0.000846899	0.000912039
10/06/2017	05.00.00	-0.000237122	0.000779451	0.000814721
10/06/2017	06.00.00	-0.000146938	0.000349663	0.000379282
10/06/2017	07.00.00	-0.000122279	-0.00025011	0.000278401
10/06/2017	08.00.00	-0.000173727	-0.000809342	0.000827777
10/06/2017	09.00.00	-0.000270174	-0.00121834	0.00124793
10/06/2017	10.00.00	-0.000401343	-0.00145479	0.00150914
10/06/2017	11.00.00	-0.000485335	-0.00149379	0.00157065
10/06/2017	12.00.00	-0.000530933	-0.00128457	0.00138997
10/06/2017	13.00.00	-0.000554659	-0.000790169	0.000965408
10/06/2017	14.00.00	-0.000564875	-7.02E+00	0.000569223
10/06/2017	15.00.00	-0.000567158	0.000712711	0.000910838
10/06/2017	16.00.00	-0.000552714	0.00131843	0.00142959
10/06/2017	17.00.00	-0.000504946	0.00155909	0.00163882
10/06/2017	18.00.00	-0.000402734	0.00138825	0.00144548
10/06/2017	19.00.00	-0.000253813	0.000929928	0.000963943
10/06/2017	20.00.00	-0.000153645	0.000393424	0.000422361
10/06/2017	21.00.00	-0.000117975	-7.43E+00	0.00013944
10/06/2017	22.00.00	-0.000136911	-0.000412024	0.000434175
10/06/2017	23.00.00	-0.000193701	-0.000634933	0.000663823
11/06/2017	00.00.00	-0.000257581	-0.00070089	0.000746722
11/06/2017	01.00.00	-0.000315954	-0.000546853	0.000631566
11/06/2017	02.00.00	-0.000366511	-0.000173341	0.000405435
11/06/2017	03.00.00	-0.000360175	0.000293021	0.000464314
11/06/2017	04.00.00	-0.000301686	0.000640249	0.000707766
11/06/2017	05.00.00	-0.000222956	0.000642089	0.000679696
11/06/2017	06.00.00	-0.000146887	0.000247491	0.000287797
11/06/2017	07.00.00	-0.000132564	-0.000391579	0.000413409

11/06/2017	08.00.00	-0.000201514	-0.000999763	0.00101987
11/06/2017	09.00.00	-0.000312726	-0.00137354	0.00140869
11/06/2017	10.00.00	-0.000444406	-0.00147568	0.00154115
11/06/2017	11.00.00	-0.000506084	-0.00136156	0.00145258
11/06/2017	12.00.00	-0.000540555	-0.00108895	0.00121574
11/06/2017	13.00.00	-0.000557744	-0.000657146	0.000861928
11/06/2017	14.00.00	-0.000565759	-6.60E+00	0.000569594
11/06/2017	15.00.00	-0.000567975	0.000620632	0.000841296
11/06/2017	16.00.00	-0.000557246	0.00123147	0.00135168
11/06/2017	17.00.00	-0.000516413	0.00156213	0.00164527
11/06/2017	18.00.00	-0.000431147	0.00148089	0.00154238
11/06/2017	19.00.00	-0.000269507	0.00103639	0.00107086
11/06/2017	20.00.00	-0.000160325	0.000444013	0.000472072
11/06/2017	21.00.00	-0.00011933	-5.88E+00	0.000133012
11/06/2017	22.00.00	-0.000134667	-0.000332077	0.000358344
11/06/2017	23.00.00	-0.000176859	-0.000433639	0.000468318
12/06/2017	00.00.00	-0.000218591	-0.000429983	0.000482356
12/06/2017	01.00.00	-0.00025528	-0.000331994	0.000418794
12/06/2017	02.00.00	-0.000277336	-0.000132741	0.000307466
12/06/2017	03.00.00	-0.00027534	0.000153647	0.000315309
12/06/2017	04.00.00	-0.000242415	0.000406067	0.000472922
12/06/2017	05.00.00	-0.000182323	0.000437836	0.000474281
12/06/2017	06.00.00	-0.000126539	0.000120519	0.000174748
12/06/2017	07.00.00	-0.000132614	-0.00048881	0.000506479
12/06/2017	08.00.00	-0.000212365	-0.00114472	0.00116425
12/06/2017	09.00.00	-0.000337778	-0.00154769	0.00158412
12/06/2017	10.00.00	-0.000464266	-0.00159992	0.00166592
12/06/2017	11.00.00	-0.000520773	-0.00135664	0.00145317
12/06/2017	12.00.00	-0.000549443	-0.000956059	0.0011027
12/06/2017	13.00.00	-0.000561598	-0.000492381	0.000746881
12/06/2017	14.00.00	-0.000567328	1.52E+00	0.000567531
12/06/2017	15.00.00	-0.000568431	0.000563494	0.000800399
12/06/2017	16.00.00	-0.000559894	0.00108695	0.00122268
12/06/2017	17.00.00	-0.000527243	0.0014419	0.00153527
12/06/2017	18.00.00	-0.000456412	0.00146952	0.00153877
12/06/2017	19.00.00	-0.000310389	0.00112481	0.00116685
12/06/2017	20.00.00	-0.000195481	0.000549264	0.000583013
12/06/2017	21.00.00	-0.000140288	1.24E+00	0.000140831
12/06/2017	22.00.00	-0.000146122	-0.000278115	0.000314165

12/06/2017	23.00.00	-0.000177381	-0.000298766	0.000347455
13/06/2017	00.00.00	-0.00020236	-0.000170811	0.000264813
13/06/2017	01.00.00	-0.000209622	-2.70E+00	0.000211354
13/06/2017	02.00.00	-0.00020076	8.27E+00	0.000217134
13/06/2017	03.00.00	-0.000178974	0.000172374	0.000248484
13/06/2017	04.00.00	-0.000145159	0.000237121	0.000278024
13/06/2017	05.00.00	-0.000109341	0.000194826	0.000223411
13/06/2017	06.00.00	-8.32E+00	-7.81E+00	0.000114118
13/06/2017	07.00.00	-0.00010924	-0.000602488	0.000612311
13/06/2017	08.00.00	-0.000206327	-0.00122774	0.00124495
13/06/2017	09.00.00	-0.000344304	-0.00166785	0.00170302
13/06/2017	10.00.00	-0.00047151	-0.00174782	0.0018103
13/06/2017	11.00.00	-0.000528454	-0.00144955	0.00154287
13/06/2017	12.00.00	-0.000554779	-0.000926739	0.0010801
13/06/2017	13.00.00	-0.000565143	-0.000358354	0.000669182
13/06/2017	14.00.00	-0.00056946	0.000153087	0.000589678
13/06/2017	15.00.00	-0.000568954	0.00059108	0.000820417
13/06/2017	16.00.00	-0.000560224	0.000967329	0.00111784
13/06/2017	17.00.00	-0.000533014	0.0012433	0.00135274
13/06/2017	18.00.00	-0.000477817	0.00131613	0.00140018
13/06/2017	19.00.00	-0.000373456	0.00109623	0.0011581
13/06/2017	20.00.00	-0.000253746	0.000630719	0.000679848
13/06/2017	21.00.00	-0.000192456	0.000113498	0.000223431
13/06/2017	22.00.00	-0.000185818	-0.000204103	0.000276019
13/06/2017	23.00.00	-0.000206044	-0.000209267	0.000293678
14/06/2017	00.00.00	-0.000216086	1.56E+00	0.00021665
14/06/2017	01.00.00	-0.000195896	0.000279226	0.00034109
14/06/2017	02.00.00	-0.000144502	0.000417535	0.000441833
14/06/2017	03.00.00	-8.20E+00	0.000385509	0.000394137
14/06/2017	04.00.00	-4.28E+00	0.000232078	0.000235993
14/06/2017	05.00.00	3.04E-01	-5.53E-01	6.31E-01
14/06/2017	06.00.00	-5.09E-01	-0.000330743	0.000330782
14/06/2017	07.00.00	-7.42E+00	-0.000787878	0.000791366
14/06/2017	08.00.00	-0.000190824	-0.0012912	0.00130522
14/06/2017	09.00.00	-0.000325195	-0.0017475	0.0017775
14/06/2017	10.00.00	-0.000470991	-0.00185511	0.00191396
14/06/2017	11.00.00	-0.000530665	-0.00157031	0.00165756
14/06/2017	12.00.00	-0.000556983	-0.000986145	0.00113257
14/06/2017	13.00.00	-0.000567448	-0.000302704	0.000643139

14/06/2017	14.00.00	-0.000571606	0.000290836	0.000641341
14/06/2017	15.00.00	-0.000569871	0.000702195	0.00090434
14/06/2017	16.00.00	-0.000558967	0.000942352	0.00109566
14/06/2017	17.00.00	-0.00053272	0.00106091	0.00118715
14/06/2017	18.00.00	-0.000488319	0.00106673	0.00117319
14/06/2017	19.00.00	-0.000428436	0.000918771	0.00101375
14/06/2017	20.00.00	-0.000317333	0.000592283	0.000671937
14/06/2017	21.00.00	-0.000261653	0.000184167	0.000319969
14/06/2017	22.00.00	-0.000246316	-0.00011141	0.00027034
14/06/2017	23.00.00	-0.000254311	-0.000128897	0.000285111
15/06/2017	00.00.00	-0.000253901	0.000134388	0.000287273
15/06/2017	01.00.00	-0.00021777	0.000512759	0.000557087
15/06/2017	02.00.00	-0.000128368	0.000780037	0.000790529
15/06/2017	03.00.00	-3.14E+00	0.000737046	0.000737714
15/06/2017	04.00.00	7.97E+00	0.000437049	0.000444257
15/06/2017	05.00.00	0.00014139	-4.44E+00	0.000148194
15/06/2017	06.00.00	0.00010256	-0.000555435	0.000564824
15/06/2017	07.00.00	-2.81E+00	-0.0010507	0.00105108
15/06/2017	08.00.00	-0.000152798	-0.00144807	0.00145611
15/06/2017	09.00.00	-0.000313214	-0.00183596	0.00186249
15/06/2017	10.00.00	-0.000466526	-0.00190849	0.00196468
15/06/2017	11.00.00	-0.000529537	-0.00165797	0.00174048
15/06/2017	12.00.00	-0.000557135	-0.0010776	0.00121311
15/06/2017	13.00.00	-0.000568277	-0.000326921	0.000655603
15/06/2017	14.00.00	-0.000573134	0.000375223	0.000685036
15/06/2017	15.00.00	-0.000571092	0.000847981	0.00102236
15/06/2017	16.00.00	-0.000557156	0.00102935	0.00117046
15/06/2017	17.00.00	-0.000527369	0.000983505	0.00111597
15/06/2017	18.00.00	-0.000486358	0.000825058	0.00095774
15/06/2017	19.00.00	-0.000439945	0.000623784	0.00076332
15/06/2017	20.00.00	-0.00037482	0.000386108	0.000538116
15/06/2017	21.00.00	-0.000333552	0.000135127	0.000359884
15/06/2017	22.00.00	-0.000313836	-5.71E+00	0.000318997
15/06/2017	23.00.00	-0.000314198	-5.15E+00	0.000318396
16/06/2017	00.00.00	-0.000306848	0.000213667	0.000373911
16/06/2017	01.00.00	-0.000266033	0.000653566	0.000705636
16/06/2017	02.00.00	-0.000164419	0.00103929	0.00105221
16/06/2017	03.00.00	-1.60E+00	0.00115568	0.00115579
16/06/2017	04.00.00	0.000171345	0.000802126	0.000820223



16/06/2017	05.00.00	0.000336991	0.000144198	0.000366546
16/06/2017	06.00.00	0.00031686	-0.000620298	0.000696541
16/06/2017	07.00.00	0.000113074	-0.00127172	0.00127674
16/06/2017	08.00.00	-9.32E+00	-0.0019239	0.00192615
16/06/2017	09.00.00	-0.000290545	-0.0019354	0.00195709
16/06/2017	10.00.00	-0.000459157	-0.00196115	0.00201418
16/06/2017	11.00.00	-0.000526809	-0.00170264	0.00178228
16/06/2017	12.00.00	-0.000556139	-0.00114937	0.00127685
16/06/2017	13.00.00	-0.00056802	-0.000389791	0.000688901
16/06/2017	14.00.00	-0.000573699	0.000388627	0.000692937
16/06/2017	15.00.00	-0.000572133	0.000965334	0.00112214
16/06/2017	16.00.00	-0.000555608	0.00118588	0.00130959
16/06/2017	17.00.00	-0.000518975	0.00104669	0.00116828
16/06/2017	18.00.00	-0.000473153	0.000696945	0.000842381
16/06/2017	19.00.00	-0.000434582	0.000330567	0.000546018
16/06/2017	20.00.00	-0.000405674	6.93E+00	0.000411556
16/06/2017	21.00.00	-0.000394297	-8.17E+00	0.000402674
16/06/2017	22.00.00	-0.000395141	-0.00011533	0.000411628
16/06/2017	23.00.00	-0.000401854	-2.13E+00	0.000402418

Lampiran 9.

**Report of Depth Averaged Velocity
PLTGU Muara Karang CCPP 400-500 MW**

SKENARIO II		Location : Kanal Intake		
Date	Time	X component of depth averaged velocity (m/s)	Y component of depth averaged velocity (m/s)	magnitude of depth averaged velocity (m/s)
02/06/2017	00.00.00	0	0	0
02/06/2017	01.00.00	0.0188197	0.0553588	0.0584703
02/06/2017	02.00.00	0.00185476	0.0031954	0.00369468
02/06/2017	03.00.00	8.05E+00	0.000880265	0.000883934
02/06/2017	04.00.00	0.0018552	0.0068032	0.00705161
02/06/2017	05.00.00	0.00157444	0.00474388	0.00499833
02/06/2017	06.00.00	4.59E+00	-0.00124562	0.00124646
02/06/2017	07.00.00	-0.00163699	-0.00726461	0.00744676
02/06/2017	08.00.00	-0.00264	-0.0114774	0.0117771
02/06/2017	09.00.00	-0.00314245	-0.0134646	0.0138264
02/06/2017	10.00.00	-0.00303453	-0.0134173	0.0137562
02/06/2017	11.00.00	-0.00245996	-0.0117241	0.0119794
02/06/2017	12.00.00	-0.00145323	-0.00819116	0.00831907
02/06/2017	13.00.00	-0.000156795	-0.00303149	0.00303554
02/06/2017	14.00.00	0.00121134	0.00275369	0.00300835
02/06/2017	15.00.00	0.00243609	0.00765443	0.00803273
02/06/2017	16.00.00	0.00315783	0.0101584	0.0106379
02/06/2017	17.00.00	0.00309293	0.00964597	0.0101297
02/06/2017	18.00.00	0.00231273	0.00672257	0.00710927
02/06/2017	19.00.00	0.00123895	0.0029018	0.00315523
02/06/2017	20.00.00	0.000327052	-0.000306495	0.000448221
02/06/2017	21.00.00	-0.000209161	-0.00221914	0.00222898
02/06/2017	22.00.00	-0.000380396	-0.00281428	0.00283987
02/06/2017	23.00.00	-0.000225837	-0.00217444	0.00218614
03/06/2017	00.00.00	0.00026666	-0.000256633	0.000370092
03/06/2017	01.00.00	0.00110517	0.00289378	0.00309764
03/06/2017	02.00.00	0.00214162	0.00660601	0.00694449
03/06/2017	03.00.00	0.00300798	0.00949435	0.00995945
03/06/2017	04.00.00	0.00319238	0.00987819	0.0103812
03/06/2017	05.00.00	0.00233816	0.00671899	0.0071142

03/06/2017	06.00.00	0.000642182	0.000694603	0.000945976
03/06/2017	07.00.00	-0.00127563	-0.00615318	0.00628401
03/06/2017	08.00.00	-0.00269097	-0.0114752	0.0117865
03/06/2017	09.00.00	-0.0033861	-0.014262	0.0146585
03/06/2017	10.00.00	-0.00329089	-0.0144173	0.0147882
03/06/2017	11.00.00	-0.00262451	-0.0125274	0.0127994
03/06/2017	12.00.00	-0.0015739	-0.00907834	0.00921376
03/06/2017	13.00.00	-0.00034162	-0.00427802	0.00429164
03/06/2017	14.00.00	0.000957737	0.00137679	0.00167714
03/06/2017	15.00.00	0.00222245	0.00673774	0.00709481
03/06/2017	16.00.00	0.00316795	0.0102751	0.0107524
03/06/2017	17.00.00	0.00338743	0.0107767	0.0112965
03/06/2017	18.00.00	0.00270991	0.00812635	0.00856628
03/06/2017	19.00.00	0.00144585	0.00358443	0.00386505
03/06/2017	20.00.00	0.000207035	-0.000772407	0.000799672
03/06/2017	21.00.00	-0.000552838	-0.00345969	0.00350358
03/06/2017	22.00.00	-0.000734675	-0.0040797	0.00414532
03/06/2017	23.00.00	-0.000465646	-0.00301508	0.00305083
04/06/2017	00.00.00	0.000104511	-0.000804203	0.000810965
04/06/2017	01.00.00	0.000918489	0.00226547	0.00244459
04/06/2017	02.00.00	0.00190437	0.0058332	0.00613619
04/06/2017	03.00.00	0.00285129	0.0090613	0.00949931
04/06/2017	04.00.00	0.00333828	0.0105133	0.0110306
04/06/2017	05.00.00	0.00291264	0.00878093	0.00925139
04/06/2017	06.00.00	0.00145059	0.00354283	0.0038283
04/06/2017	07.00.00	-0.000601644	-0.0037422	0.00379026
04/06/2017	08.00.00	-0.002429	-0.0104357	0.0107146
04/06/2017	09.00.00	-0.00341805	-0.0143929	0.0147932
04/06/2017	10.00.00	-0.00348979	-0.0150694	0.0154682
04/06/2017	11.00.00	-0.00282864	-0.013117	0.0134185
04/06/2017	12.00.00	-0.0017203	-0.00950514	0.00965957
04/06/2017	13.00.00	-0.000501812	-0.00489354	0.0049192
04/06/2017	14.00.00	0.000711863	0.000335177	0.000786825
04/06/2017	15.00.00	0.0019157	0.00552154	0.00584442
04/06/2017	16.00.00	0.00294908	0.00952489	0.00997099
04/06/2017	17.00.00	0.0034324	0.011034	0.0115556
04/06/2017	18.00.00	0.00302428	0.00928499	0.00976511
04/06/2017	19.00.00	0.00180176	0.00482257	0.00514815
04/06/2017	20.00.00	0.000329297	-0.000381934	0.000504292

04/06/2017	21.00.00	-0.000744228	-0.00418129	0.00424701
04/06/2017	22.00.00	-0.00109008	-0.00540033	0.00550925
04/06/2017	23.00.00	-0.000792282	-0.0042249	0.00429855
05/06/2017	00.00.00	-0.000108676	-0.00158028	0.00158401
05/06/2017	01.00.00	0.000756983	0.00169068	0.00185241
05/06/2017	02.00.00	0.00168902	0.00508372	0.00535696
05/06/2017	03.00.00	0.00257425	0.00813932	0.00853671
05/06/2017	04.00.00	0.0031641	0.01	0.0104887
05/06/2017	05.00.00	0.00306977	0.00942643	0.00991368
05/06/2017	06.00.00	0.00201694	0.00557344	0.00592716
05/06/2017	07.00.00	0.000148781	-0.00107211	0.00108239
05/06/2017	08.00.00	-0.00186303	-0.00834047	0.00854601
05/06/2017	09.00.00	-0.00316214	-0.0133827	0.0137512
05/06/2017	10.00.00	-0.00357413	-0.0152264	0.0156402
05/06/2017	11.00.00	-0.00300025	-0.0135223	0.0138511
05/06/2017	12.00.00	-0.00186223	-0.00974352	0.00991988
05/06/2017	13.00.00	-0.000588326	-0.0050044	0.00503886
05/06/2017	14.00.00	0.000589444	-5.90E+00	0.000592388
05/06/2017	15.00.00	0.00168308	0.00464204	0.00493774
05/06/2017	16.00.00	0.0026556	0.00846157	0.00886851
05/06/2017	17.00.00	0.00325384	0.0104682	0.0109623
05/06/2017	18.00.00	0.00312201	0.00970846	0.0101981
05/06/2017	19.00.00	0.00212907	0.00600504	0.0063713
05/06/2017	20.00.00	0.000633301	0.000674514	0.000925224
05/06/2017	21.00.00	-0.00070499	-0.0040751	0.00413563
05/06/2017	22.00.00	-0.00133486	-0.00632705	0.00646633
05/06/2017	23.00.00	-0.00115371	-0.00559187	0.00570965
06/06/2017	00.00.00	-0.000413528	-0.00272301	0.00275423
06/06/2017	01.00.00	0.000557423	0.0009647	0.00111417
06/06/2017	02.00.00	0.00151535	0.00446961	0.0047195
06/06/2017	03.00.00	0.00231885	0.00725544	0.00761698
06/06/2017	04.00.00	0.00284615	0.00893794	0.00938016
06/06/2017	05.00.00	0.00287957	0.00884999	0.00930668
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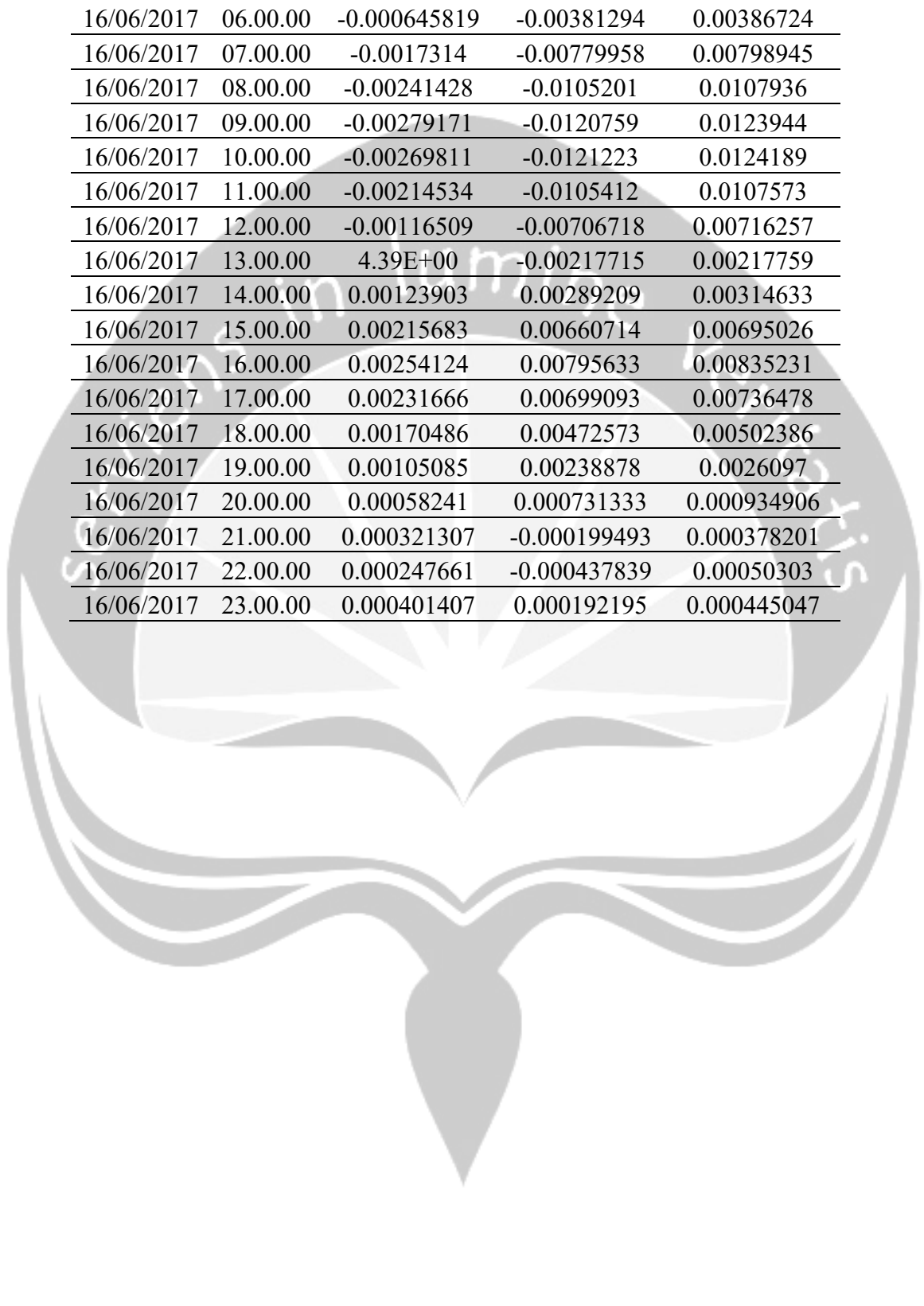
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16/06/2017	12.00.00	-0.00116509	-0.00706718	0.00716257
16/06/2017	13.00.00	4.39E+00	-0.00217715	0.00217759
16/06/2017	14.00.00	0.00123903	0.00289209	0.00314633
16/06/2017	15.00.00	0.00215683	0.00660714	0.00695026
16/06/2017	16.00.00	0.00254124	0.00795633	0.00835231
16/06/2017	17.00.00	0.00231666	0.00699093	0.00736478
16/06/2017	18.00.00	0.00170486	0.00472573	0.00502386
16/06/2017	19.00.00	0.00105085	0.00238878	0.0026097
16/06/2017	20.00.00	0.00058241	0.000731333	0.000934906
16/06/2017	21.00.00	0.000321307	-0.000199493	0.000378201
16/06/2017	22.00.00	0.000247661	-0.000437839	0.00050303
16/06/2017	23.00.00	0.000401407	0.000192195	0.000445047

Lampiran 10.

**Report of Depth Averaged Velocity
PLTGU Muara Karang CCPP 400-500 MW**

SKENARIO II		Location :		100 m from outfall
Date	Time	X component of depth averaged velocity (m/s)	Y component of depth averaged velocity (m/s)	magnitude of depth averaged velocity (m/s)
02/06/2017	00.00.00	0	0	0
02/06/2017	01.00.00	0.00523313	0.0408316	0.0411656
02/06/2017	02.00.00	0.0112641	0.0407845	0.0423114
02/06/2017	03.00.00	0.0132813	0.0426394	0.04466
02/06/2017	04.00.00	0.0146153	0.0447236	0.0470511
02/06/2017	05.00.00	0.0156056	0.0462643	0.0488254
02/06/2017	06.00.00	0.0164871	0.0463455	0.0491907
02/06/2017	07.00.00	0.0163017	0.0449144	0.0477813
02/06/2017	08.00.00	0.0150584	0.0424111	0.0450051
02/06/2017	09.00.00	0.0130862	0.0393919	0.0415086
02/06/2017	10.00.00	0.0108947	0.0365547	0.0381437
02/06/2017	11.00.00	0.00868465	0.0342179	0.0353028
02/06/2017	12.00.00	0.00671653	0.0326131	0.0332976
02/06/2017	13.00.00	0.00524776	0.0318962	0.032325
02/06/2017	14.00.00	0.00460894	0.0321465	0.0324752
02/06/2017	15.00.00	0.0050185	0.0332945	0.0336706
02/06/2017	16.00.00	0.00640812	0.0350747	0.0356553
02/06/2017	17.00.00	0.00832005	0.0370288	0.037952
02/06/2017	18.00.00	0.0101044	0.0386279	0.0399276
02/06/2017	19.00.00	0.0112663	0.0394976	0.041073
02/06/2017	20.00.00	0.0116709	0.0396083	0.041292
02/06/2017	21.00.00	0.0114884	0.0391989	0.0408477
02/06/2017	22.00.00	0.010994	0.038593	0.0401284
02/06/2017	23.00.00	0.010399	0.0380599	0.039455
03/06/2017	00.00.00	0.00986929	0.0378448	0.0391105
03/06/2017	01.00.00	0.00963016	0.0381987	0.0393939
03/06/2017	02.00.00	0.00998505	0.0393327	0.0405803
03/06/2017	03.00.00	0.0111667	0.0412914	0.0427747

03/06/2017	04.00.00	0.0130648	0.0437699	0.0456781
03/06/2017	05.00.00	0.0151355	0.046015	0.0484403
03/06/2017	06.00.00	0.0166177	0.0470066	0.0498575
03/06/2017	07.00.00	0.0168982	0.0460814	0.049082
03/06/2017	08.00.00	0.0158371	0.0435059	0.0462988
03/06/2017	09.00.00	0.0137157	0.0403114	0.0425809
03/06/2017	10.00.00	0.0112727	0.0370606	0.0387371
03/06/2017	11.00.00	0.00887999	0.0345077	0.0356319
03/06/2017	12.00.00	0.00685211	0.0327559	0.0334649
03/06/2017	13.00.00	0.00533512	0.0318816	0.0323249
03/06/2017	14.00.00	0.00454843	0.0319414	0.0322636
03/06/2017	15.00.00	0.00471097	0.0329186	0.033254
03/06/2017	16.00.00	0.00589923	0.034651	0.0351496
03/06/2017	17.00.00	0.00784279	0.0367585	0.0375858
03/06/2017	18.00.00	0.00991431	0.03866	0.039911
03/06/2017	19.00.00	0.01143	0.0397807	0.0413902
03/06/2017	20.00.00	0.0120077	0.0398956	0.0416634
03/06/2017	21.00.00	0.0117218	0.039251	0.0409639
03/06/2017	22.00.00	0.0109515	0.038344	0.0398773
03/06/2017	23.00.00	0.0101061	0.0375975	0.0389321
04/06/2017	00.00.00	0.00946317	0.0372685	0.0384512
04/06/2017	01.00.00	0.00918471	0.0375202	0.038628
04/06/2017	02.00.00	0.00943996	0.0384877	0.0396285
04/06/2017	03.00.00	0.0104117	0.0402471	0.041572
04/06/2017	04.00.00	0.0121355	0.0426723	0.0443643
04/06/2017	05.00.00	0.0142877	0.0452086	0.0474126
04/06/2017	06.00.00	0.0161781	0.046899	0.0496109
04/06/2017	07.00.00	0.0170598	0.0467562	0.0497713
04/06/2017	08.00.00	0.0164746	0.0446032	0.0475484
04/06/2017	09.00.00	0.014591	0.0413659	0.0438638
04/06/2017	10.00.00	0.0119663	0.0378364	0.0396836
04/06/2017	11.00.00	0.00938096	0.0350523	0.0362859
04/06/2017	12.00.00	0.0072207	0.0331626	0.0339396
04/06/2017	13.00.00	0.00567631	0.0321804	0.0326772
04/06/2017	14.00.00	0.00484832	0.0320995	0.0324635
04/06/2017	15.00.00	0.0048419	0.032883	0.0332375
04/06/2017	16.00.00	0.00576237	0.0344398	0.0349186
04/06/2017	17.00.00	0.00751417	0.0365113	0.0372765
04/06/2017	18.00.00	0.00964227	0.0385889	0.0397754

04/06/2017	19.00.00	0.0114461	0.0400114	0.0416164
04/06/2017	20.00.00	0.0123331	0.0403197	0.0421638
04/06/2017	21.00.00	0.0121514	0.039601	0.0414234
04/06/2017	22.00.00	0.0112218	0.0384211	0.0400264
04/06/2017	23.00.00	0.0100859	0.037383	0.0387196
05/06/2017	00.00.00	0.00921355	0.0368621	0.0379961
05/06/2017	01.00.00	0.00884171	0.0370008	0.0380425
05/06/2017	02.00.00	0.00904922	0.037836	0.0389031
05/06/2017	03.00.00	0.00988218	0.0393733	0.0405945
05/06/2017	04.00.00	0.0113621	0.0415388	0.0430647
05/06/2017	05.00.00	0.013323	0.0439961	0.0459691
05/06/2017	06.00.00	0.0153052	0.0460087	0.0484876
05/06/2017	07.00.00	0.016594	0.0465577	0.0494265
05/06/2017	08.00.00	0.0165756	0.0450898	0.04804
05/06/2017	09.00.00	0.0150643	0.0420618	0.0446781
05/06/2017	10.00.00	0.0126256	0.0385945	0.0406072
05/06/2017	11.00.00	0.0098873	0.0356076	0.0369548
05/06/2017	12.00.00	0.00758295	0.0335878	0.0344332
05/06/2017	13.00.00	0.00599286	0.0325545	0.0331015
05/06/2017	14.00.00	0.00519683	0.0324241	0.0328379
05/06/2017	15.00.00	0.0051783	0.0330974	0.0335
05/06/2017	16.00.00	0.00593876	0.0344792	0.034987
05/06/2017	17.00.00	0.00743719	0.0363957	0.0371478
05/06/2017	18.00.00	0.00941443	0.0384753	0.0396104
05/06/2017	19.00.00	0.0113175	0.0401124	0.0416784
05/06/2017	20.00.00	0.0125004	0.0407144	0.0425902
05/06/2017	21.00.00	0.0125882	0.0401223	0.0420507
05/06/2017	22.00.00	0.0116985	0.0387995	0.0405247
05/06/2017	23.00.00	0.0103603	0.0374692	0.0388751
06/06/2017	00.00.00	0.00919478	0.0366738	0.0378088
06/06/2017	01.00.00	0.00861729	0.0366379	0.0376377
06/06/2017	02.00.00	0.00874852	0.0373551	0.0383658
06/06/2017	03.00.00	0.00952374	0.0387261	0.03988
06/06/2017	04.00.00	0.0108311	0.0406154	0.0420348
06/06/2017	05.00.00	0.0125262	0.042779	0.0445752
06/06/2017	06.00.00	0.0143169	0.0447173	0.0469532
06/06/2017	07.00.00	0.0157009	0.0456215	0.0482477
06/06/2017	08.00.00	0.0160946	0.0448198	0.0476219
06/06/2017	09.00.00	0.0150987	0.0423091	0.0449224

06/06/2017	10.00.00	0.0130119	0.0391249	0.0412319
06/06/2017	11.00.00	0.0103559	0.0361024	0.0375583
06/06/2017	12.00.00	0.00793112	0.0339645	0.0348782
06/06/2017	13.00.00	0.00623616	0.0328818	0.0334679
06/06/2017	14.00.00	0.00545676	0.0327625	0.0332138
06/06/2017	15.00.00	0.00552178	0.033439	0.0338918
06/06/2017	16.00.00	0.00629032	0.0347379	0.0353028
06/06/2017	17.00.00	0.00763415	0.0364978	0.0372877
06/06/2017	18.00.00	0.00938193	0.0384522	0.0395802
06/06/2017	19.00.00	0.0111827	0.0401418	0.0416703
06/06/2017	20.00.00	0.0125091	0.0409951	0.0428611
06/06/2017	21.00.00	0.0128961	0.0406678	0.0426635
06/06/2017	22.00.00	0.0122304	0.039397	0.0412517
06/06/2017	23.00.00	0.0108782	0.0378751	0.0394063
07/06/2017	00.00.00	0.00947488	0.03678	0.0379808
07/06/2017	01.00.00	0.00860797	0.036486	0.0374877
07/06/2017	02.00.00	0.00855663	0.0370397	0.0380152
07/06/2017	03.00.00	0.0092714	0.0382823	0.039389
07/06/2017	04.00.00	0.0105073	0.0399695	0.0413275
07/06/2017	05.00.00	0.011999	0.0418154	0.0435029
07/06/2017	06.00.00	0.0135023	0.0434503	0.0454999
07/06/2017	07.00.00	0.0147122	0.0443305	0.046708
07/06/2017	08.00.00	0.0152177	0.0439217	0.0464833
07/06/2017	09.00.00	0.0146573	0.0420664	0.0445468
07/06/2017	10.00.00	0.0129871	0.0392441	0.0413372
07/06/2017	11.00.00	0.0106283	0.0364214	0.0379405
07/06/2017	12.00.00	0.0082297	0.0342531	0.0352279
07/06/2017	13.00.00	0.00643	0.0331108	0.0337293
07/06/2017	14.00.00	0.00559016	0.032997	0.0334672
07/06/2017	15.00.00	0.00572541	0.0337389	0.0342212
07/06/2017	16.00.00	0.00661643	0.0350807	0.0356992
07/06/2017	17.00.00	0.00797851	0.036783	0.0376383
07/06/2017	18.00.00	0.00957723	0.0386004	0.0397708
07/06/2017	19.00.00	0.0111799	0.0402081	0.0417335
07/06/2017	20.00.00	0.012459	0.0411704	0.0430143
07/06/2017	21.00.00	0.0130323	0.0411177	0.0431336
07/06/2017	22.00.00	0.0126659	0.0400696	0.0420238
07/06/2017	23.00.00	0.0114969	0.0385367	0.0402151
08/06/2017	00.00.00	0.0100287	0.0372172	0.0385447

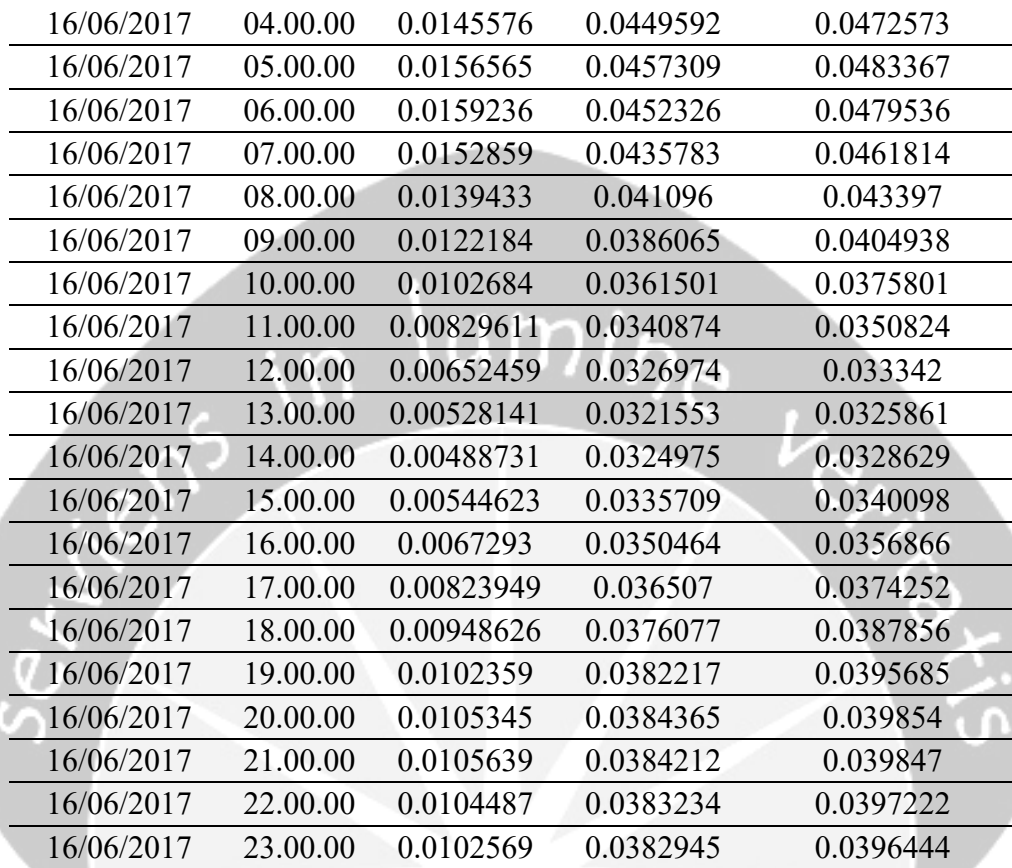
08/06/2017	01.00.00	0.0089002	0.0366228	0.0376888
08/06/2017	02.00.00	0.00856665	0.0369322	0.0379128
08/06/2017	03.00.00	0.00912321	0.0380193	0.0390986
08/06/2017	04.00.00	0.0103093	0.0395669	0.0408879
08/06/2017	05.00.00	0.0117145	0.0411807	0.0428145
08/06/2017	06.00.00	0.0129896	0.0424749	0.0444167
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08/06/2017	08.00.00	0.0142542	0.0427351	0.0450497
08/06/2017	09.00.00	0.0138389	0.0412839	0.0435417
08/06/2017	10.00.00	0.0125616	0.0389947	0.040968
08/06/2017	11.00.00	0.0105975	0.0364877	0.0379956
08/06/2017	12.00.00	0.00841307	0.0344188	0.0354321
08/06/2017	13.00.00	0.00659854	0.0332409	0.0338895
08/06/2017	14.00.00	0.00564863	0.0330923	0.0335709
08/06/2017	15.00.00	0.00575443	0.0338795	0.0343647
08/06/2017	16.00.00	0.00675647	0.0353275	0.0359678
08/06/2017	17.00.00	0.00826315	0.0371007	0.0380098
08/06/2017	18.00.00	0.00988165	0.0388795	0.0401156
08/06/2017	19.00.00	0.0113455	0.0403766	0.0419403
08/06/2017	20.00.00	0.012468	0.0413099	0.0431504
08/06/2017	21.00.00	0.0130532	0.0414278	0.0434355
08/06/2017	22.00.00	0.0129182	0.0406663	0.0426688
08/06/2017	23.00.00	0.012048	0.0393158	0.0411204
09/06/2017	00.00.00	0.0107285	0.0379411	0.0394287
09/06/2017	01.00.00	0.00949072	0.0371005	0.0382951
09/06/2017	02.00.00	0.00887559	0.0371119	0.0381585
09/06/2017	03.00.00	0.0091613	0.0379651	0.0390549
09/06/2017	04.00.00	0.0102131	0.039364	0.0406674
09/06/2017	05.00.00	0.0115749	0.0408278	0.0424369
09/06/2017	06.00.00	0.012748	0.0418736	0.0437711
09/06/2017	07.00.00	0.0134168	0.042171	0.0442539
09/06/2017	08.00.00	0.0134833	0.0416164	0.0437461
09/06/2017	09.00.00	0.0129486	0.0402735	0.0423039
09/06/2017	10.00.00	0.0118363	0.0383631	0.0401476
09/06/2017	11.00.00	0.0102355	0.0362573	0.0376744
09/06/2017	12.00.00	0.00838958	0.0344259	0.0354335
09/06/2017	13.00.00	0.00671612	0.0332897	0.0339605
09/06/2017	14.00.00	0.00570204	0.0330856	0.0335734
09/06/2017	15.00.00	0.00568494	0.0338433	0.0343175

09/06/2017	16.00.00	0.00667628	0.0353575	0.0359823
09/06/2017	17.00.00	0.00831932	0.037262	0.0381794
09/06/2017	18.00.00	0.0100916	0.0391313	0.0404116
09/06/2017	19.00.00	0.011574	0.0406043	0.0422216
09/06/2017	20.00.00	0.0125754	0.041465	0.04333
09/06/2017	21.00.00	0.0130554	0.0416236	0.043623
09/06/2017	22.00.00	0.013002	0.0410926	0.0431005
09/06/2017	23.00.00	0.0124087	0.0400373	0.0419161
10/06/2017	00.00.00	0.0113892	0.0388169	0.0404532
10/06/2017	01.00.00	0.0102667	0.0378934	0.0392595
10/06/2017	02.00.00	0.00950674	0.0376439	0.0388257
10/06/2017	03.00.00	0.00949507	0.0381977	0.0393601
10/06/2017	04.00.00	0.0102864	0.0393679	0.0406895
10/06/2017	05.00.00	0.0115333	0.0406885	0.0422915
10/06/2017	06.00.00	0.012666	0.0415796	0.0434659
10/06/2017	07.00.00	0.0132194	0.0416305	0.0436789
10/06/2017	08.00.00	0.0130402	0.0407981	0.0428314
10/06/2017	09.00.00	0.0122458	0.0393329	0.0411951
10/06/2017	10.00.00	0.0110545	0.0375626	0.0391555
10/06/2017	11.00.00	0.00963168	0.0357772	0.037051
10/06/2017	12.00.00	0.00811636	0.0342497	0.0351983
10/06/2017	13.00.00	0.0067172	0.0332601	0.0339316
10/06/2017	14.00.00	0.00577014	0.0330383	0.0335384
10/06/2017	15.00.00	0.00563061	0.033705	0.034172
10/06/2017	16.00.00	0.00647666	0.035175	0.0357663
10/06/2017	17.00.00	0.00811894	0.0371508	0.0380276
10/06/2017	18.00.00	0.0100413	0.0391639	0.0404307
10/06/2017	19.00.00	0.0116771	0.0407383	0.0423788
10/06/2017	20.00.00	0.012698	0.0415959	0.0434909
10/06/2017	21.00.00	0.0130834	0.0417344	0.0437371
10/06/2017	22.00.00	0.0129884	0.0413258	0.0433189
10/06/2017	23.00.00	0.0125485	0.0405596	0.0424564
11/06/2017	00.00.00	0.011854	0.039651	0.041385
11/06/2017	01.00.00	0.011035	0.0388708	0.0404068
11/06/2017	02.00.00	0.0103604	0.0385185	0.0398875
11/06/2017	03.00.00	0.0101649	0.0387941	0.0401037
11/06/2017	04.00.00	0.0106423	0.0396575	0.0410606
11/06/2017	05.00.00	0.0116405	0.0407533	0.0423831
11/06/2017	06.00.00	0.0126741	0.0415057	0.0433977

11/06/2017	07.00.00	0.0131912	0.0414043	0.0434548
11/06/2017	08.00.00	0.0128893	0.0403433	0.0423523
11/06/2017	09.00.00	0.0118593	0.0386557	0.0404339
11/06/2017	10.00.00	0.0104409	0.036818	0.0382698
11/06/2017	11.00.00	0.00897325	0.0351759	0.0363024
11/06/2017	12.00.00	0.00764432	0.03391	0.034761
11/06/2017	13.00.00	0.00654466	0.0331385	0.0337786
11/06/2017	14.00.00	0.00580645	0.0329855	0.0334926
11/06/2017	15.00.00	0.00565519	0.0335678	0.0340409
11/06/2017	16.00.00	0.00631555	0.0348965	0.0354634
11/06/2017	17.00.00	0.00778813	0.0368005	0.0376156
11/06/2017	18.00.00	0.00971201	0.0388773	0.0400721
11/06/2017	19.00.00	0.0115017	0.0406001	0.0421978
11/06/2017	20.00.00	0.0126709	0.0415682	0.0434565
11/06/2017	21.00.00	0.0130801	0.0417367	0.0437383
11/06/2017	22.00.00	0.012924	0.0413774	0.0433488
11/06/2017	23.00.00	0.0125107	0.0408156	0.0426899
12/06/2017	00.00.00	0.0120475	0.0402595	0.0420234
12/06/2017	01.00.00	0.0116017	0.0398161	0.0414719
12/06/2017	02.00.00	0.011234	0.0396063	0.0411687
12/06/2017	03.00.00	0.0110883	0.0397618	0.041279
12/06/2017	04.00.00	0.0113414	0.0403208	0.0418855
12/06/2017	05.00.00	0.0120097	0.0410923	0.0428113
12/06/2017	06.00.00	0.0128057	0.0416212	0.0435467
12/06/2017	07.00.00	0.0132379	0.0413895	0.0434549
12/06/2017	08.00.00	0.0129018	0.0401813	0.0422018
12/06/2017	09.00.00	0.0117535	0.0382978	0.0400607
12/06/2017	10.00.00	0.0101159	0.0362889	0.0376725
12/06/2017	11.00.00	0.00845596	0.0346152	0.0356331
12/06/2017	12.00.00	0.0071135	0.033484	0.0342313
12/06/2017	13.00.00	0.00621007	0.0329257	0.0335062
12/06/2017	14.00.00	0.00574228	0.0329246	0.0334216
12/06/2017	15.00.00	0.00573393	0.0334987	0.0339859
12/06/2017	16.00.00	0.00630027	0.0346702	0.035238
12/06/2017	17.00.00	0.00752352	0.0363721	0.0371421
12/06/2017	18.00.00	0.00925191	0.0383412	0.0394417
12/06/2017	19.00.00	0.0110417	0.0401179	0.0416097
12/06/2017	20.00.00	0.0123626	0.041237	0.0430502
12/06/2017	21.00.00	0.0129128	0.0415289	0.0434901

12/06/2017	22.00.00	0.0127843	0.0412384	0.0431745
12/06/2017	23.00.00	0.0123514	0.0408013	0.0426298
13/06/2017	00.00.00	0.0119865	0.0405306	0.0422659
13/06/2017	01.00.00	0.0118507	0.0405077	0.0422056
13/06/2017	02.00.00	0.0119019	0.0406745	0.04238
13/06/2017	03.00.00	0.0120565	0.0409728	0.0427098
13/06/2017	04.00.00	0.0123159	0.0413787	0.0431726
13/06/2017	05.00.00	0.0127179	0.041803	0.0436948
13/06/2017	06.00.00	0.0131704	0.0419856	0.0440028
13/06/2017	07.00.00	0.0133795	0.041534	0.0436358
13/06/2017	08.00.00	0.0129755	0.0402139	0.0422554
13/06/2017	09.00.00	0.0117967	0.0381983	0.0399784
13/06/2017	10.00.00	0.0100466	0.0360237	0.0373984
13/06/2017	11.00.00	0.00818804	0.0342197	0.0351857
13/06/2017	12.00.00	0.00668855	0.0330833	0.0337527
13/06/2017	13.00.00	0.0058077	0.0326555	0.0331679
13/06/2017	14.00.00	0.0055497	0.0328344	0.0333001
13/06/2017	15.00.00	0.00578574	0.0335024	0.0339983
13/06/2017	16.00.00	0.00642604	0.0345931	0.0351849
13/06/2017	17.00.00	0.00747175	0.0360583	0.0368243
13/06/2017	18.00.00	0.00889223	0.0377617	0.0387946
13/06/2017	19.00.00	0.0104644	0.0393989	0.0407649
13/06/2017	20.00.00	0.0117837	0.0405688	0.0422455
13/06/2017	21.00.00	0.0124783	0.0410149	0.0428711
13/06/2017	22.00.00	0.0124786	0.0408589	0.042722
13/06/2017	23.00.00	0.0120782	0.0405299	0.0422914
14/06/2017	00.00.00	0.0117342	0.0404508	0.0421184
14/06/2017	01.00.00	0.0117708	0.0407939	0.0424581
14/06/2017	02.00.00	0.0122036	0.0414524	0.0432114
14/06/2017	03.00.00	0.0128135	0.0421696	0.0440734
14/06/2017	04.00.00	0.0133564	0.0427113	0.044751
14/06/2017	05.00.00	0.0137131	0.0429262	0.0450634
14/06/2017	06.00.00	0.0138609	0.0427036	0.0448968
14/06/2017	07.00.00	0.0137183	0.0418877	0.0440768
14/06/2017	08.00.00	0.0131087	0.040359	0.0424345
14/06/2017	09.00.00	0.0118811	0.0382503	0.040053
14/06/2017	10.00.00	0.0101101	0.0359717	0.0373655
14/06/2017	11.00.00	0.00814703	0.0340341	0.0349956
14/06/2017	12.00.00	0.00646985	0.0328043	0.0334363

14/06/2017	13.00.00	0.0054705	0.0323965	0.0328551
14/06/2017	14.00.00	0.00527728	0.0327113	0.0331342
14/06/2017	15.00.00	0.00574332	0.0335391	0.0340273
14/06/2017	16.00.00	0.00660072	0.0346751	0.0352977
14/06/2017	17.00.00	0.0076501	0.0359841	0.0367883
14/06/2017	18.00.00	0.00881363	0.0373699	0.0383951
14/06/2017	19.00.00	0.0100284	0.0386876	0.0399663
14/06/2017	20.00.00	0.0111145	0.039703	0.0412293
14/06/2017	21.00.00	0.011803	0.0402023	0.0418991
14/06/2017	22.00.00	0.0119364	0.0401977	0.0419324
14/06/2017	23.00.00	0.0116469	0.0400039	0.0416649
15/06/2017	00.00.00	0.0113349	0.0400573	0.0416301
15/06/2017	01.00.00	0.0114303	0.0406455	0.0422221
15/06/2017	02.00.00	0.012104	0.0417469	0.0434662
15/06/2017	03.00.00	0.0131608	0.0430255	0.0449933
15/06/2017	04.00.00	0.0141802	0.0440286	0.0462558
15/06/2017	05.00.00	0.0147882	0.0443308	0.0467323
15/06/2017	06.00.00	0.0148441	0.0438237	0.0462694
15/06/2017	07.00.00	0.0143589	0.0425492	0.0449067
15/06/2017	08.00.00	0.0134086	0.0406338	0.0427889
15/06/2017	09.00.00	0.0119816	0.0383786	0.0402054
15/06/2017	10.00.00	0.0101928	0.0360344	0.0374483
15/06/2017	11.00.00	0.00822016	0.0340174	0.0349965
15/06/2017	12.00.00	0.00644731	0.0326846	0.0333144
15/06/2017	13.00.00	0.00529346	0.0322184	0.0326504
15/06/2017	14.00.00	0.00502661	0.0325837	0.0329692
15/06/2017	15.00.00	0.00560774	0.0335661	0.0340313
15/06/2017	16.00.00	0.00671837	0.0348544	0.035496
15/06/2017	17.00.00	0.00795463	0.0361623	0.0370269
15/06/2017	18.00.00	0.00904941	0.0373137	0.0383954
15/06/2017	19.00.00	0.00993663	0.0382405	0.0395104
15/06/2017	20.00.00	0.0106233	0.0389027	0.0403271
15/06/2017	21.00.00	0.011073	0.0392494	0.0407815
15/06/2017	22.00.00	0.0111972	0.0392969	0.040861
15/06/2017	23.00.00	0.0110221	0.0392347	0.0407535
16/06/2017	00.00.00	0.0107938	0.0394037	0.0408553
16/06/2017	01.00.00	0.0109114	0.0401284	0.0415855
16/06/2017	02.00.00	0.0116758	0.0415173	0.0431278
16/06/2017	03.00.00	0.0130347	0.0433274	0.0452457



16/06/2017	04.00.00	0.0145576	0.0449592	0.0472573
16/06/2017	05.00.00	0.0156565	0.0457309	0.0483367
16/06/2017	06.00.00	0.0159236	0.0452326	0.0479536
16/06/2017	07.00.00	0.0152859	0.0435783	0.0461814
16/06/2017	08.00.00	0.0139433	0.041096	0.043397
16/06/2017	09.00.00	0.0122184	0.0386065	0.0404938
16/06/2017	10.00.00	0.0102684	0.0361501	0.0375801
16/06/2017	11.00.00	0.00829611	0.0340874	0.0350824
16/06/2017	12.00.00	0.00652459	0.0326974	0.033342
16/06/2017	13.00.00	0.00528141	0.0321553	0.0325861
16/06/2017	14.00.00	0.00488731	0.0324975	0.0328629
16/06/2017	15.00.00	0.00544623	0.0335709	0.0340098
16/06/2017	16.00.00	0.0067293	0.0350464	0.0356866
16/06/2017	17.00.00	0.00823949	0.036507	0.0374252
16/06/2017	18.00.00	0.00948626	0.0376077	0.0387856
16/06/2017	19.00.00	0.0102359	0.0382217	0.0395685
16/06/2017	20.00.00	0.0105345	0.0384365	0.039854
16/06/2017	21.00.00	0.0105639	0.0384212	0.039847
16/06/2017	22.00.00	0.0104487	0.0383234	0.0397222
16/06/2017	23.00.00	0.0102569	0.0382945	0.0396444

Lampiran 11.

**Report of Depth Averaged Velocity
PLTGU Muara Karang CCPP 400-500 MW**

SKENARIO I		Location :		500 m from outfall
Date	Time	X component of depth averaged velocity (m/s)	Y component of depth averaged velocity (m/s)	magnitude of depth averaged velocity (m/s)
02/06/2017	00.00.00	0	0	0
02/06/2017	01.00.00	7.90E-01	0.0138422	0.0138424
02/06/2017	02.00.00	-0.00102041	0.0138789	0.0139163
02/06/2017	03.00.00	-0.00132668	0.015232	0.0152897
02/06/2017	04.00.00	-0.00171834	0.0152743	0.0153706
02/06/2017	05.00.00	-0.00211907	0.0144855	0.0146397
02/06/2017	06.00.00	-0.00227118	0.0128941	0.0130926
02/06/2017	07.00.00	-0.00227172	0.0110109	0.0112428
02/06/2017	08.00.00	-0.00221679	0.00920763	0.00947072
02/06/2017	09.00.00	-0.00231346	0.00751102	0.00785923
02/06/2017	10.00.00	-0.00227394	0.00636406	0.00675811
02/06/2017	11.00.00	-0.00234201	0.0052807	0.00577675
02/06/2017	12.00.00	-0.00248648	0.00459001	0.00522023
02/06/2017	13.00.00	-0.00275029	0.00433271	0.00513191
02/06/2017	14.00.00	-0.0030059	0.00456681	0.00546728
02/06/2017	15.00.00	-0.00314114	0.00537017	0.00622137
02/06/2017	16.00.00	-0.00317302	0.00635967	0.00710728
02/06/2017	17.00.00	-0.00308475	0.00706876	0.00771253
02/06/2017	18.00.00	-0.00298903	0.00713836	0.00773889
02/06/2017	19.00.00	-0.00292821	0.00663771	0.0072549
02/06/2017	20.00.00	-0.00292458	0.00588989	0.00657601
02/06/2017	21.00.00	-0.00296615	0.00518201	0.00597087
02/06/2017	22.00.00	-0.00303353	0.00462909	0.00553451
02/06/2017	23.00.00	-0.00311783	0.00432235	0.0053295
03/06/2017	00.00.00	-0.00323107	0.00438353	0.00544566
03/06/2017	01.00.00	-0.00336795	0.0049809	0.00601269
03/06/2017	02.00.00	-0.00348961	0.00618753	0.00710373
03/06/2017	03.00.00	-0.00353829	0.00781414	0.0085779

03/06/2017	04.00.00	-0.00349183	0.00927269	0.00990836
03/06/2017	05.00.00	-0.00338998	0.00973717	0.0103104
03/06/2017	06.00.00	-0.00328078	0.00876899	0.00936262
03/06/2017	07.00.00	-0.0031694	0.00681508	0.00751601
03/06/2017	08.00.00	-0.00305847	0.00476666	0.00566351
03/06/2017	09.00.00	-0.00298241	0.00313389	0.0043262
03/06/2017	10.00.00	-0.00296179	0.00196545	0.0035546
03/06/2017	11.00.00	-0.00299561	0.00117549	0.00321799
03/06/2017	12.00.00	-0.00308073	0.000761589	0.00317347
03/06/2017	13.00.00	-0.00320812	0.00084255	0.00331692
03/06/2017	14.00.00	-0.00334245	0.00155538	0.00368662
03/06/2017	15.00.00	-0.00342174	0.00288955	0.0044786
03/06/2017	16.00.00	-0.00339611	0.00453741	0.0056676
03/06/2017	17.00.00	-0.00327047	0.00592066	0.00676389
03/06/2017	18.00.00	-0.00310925	0.00648189	0.00718905
03/06/2017	19.00.00	-0.00298645	0.00610661	0.00679776
03/06/2017	20.00.00	-0.00293671	0.00520708	0.00597812
03/06/2017	21.00.00	-0.00296259	0.00431792	0.00523654
03/06/2017	22.00.00	-0.0030426	0.00370751	0.00479615
03/06/2017	23.00.00	-0.00314561	0.00345145	0.00466984
04/06/2017	00.00.00	-0.00325428	0.00357807	0.00483662
04/06/2017	01.00.00	-0.00336446	0.00417157	0.00535925
04/06/2017	02.00.00	-0.00346708	0.00531166	0.00634306
04/06/2017	03.00.00	-0.00352808	0.00693813	0.00778364
04/06/2017	04.00.00	-0.00351442	0.00865669	0.00934289
04/06/2017	05.00.00	-0.00343101	0.00970052	0.0102894
04/06/2017	06.00.00	-0.00331963	0.00932735	0.00990047
04/06/2017	07.00.00	-0.00319776	0.00756365	0.00821185
04/06/2017	08.00.00	-0.00306446	0.005318	0.00613776
04/06/2017	09.00.00	-0.00296372	0.00344621	0.00454533
04/06/2017	10.00.00	-0.00294474	0.00217412	0.00366036
04/06/2017	11.00.00	-0.00300093	0.00137979	0.00330294
04/06/2017	12.00.00	-0.00309856	0.000955679	0.00324259
04/06/2017	13.00.00	-0.003211	0.000952724	0.00334936
04/06/2017	14.00.00	-0.00332312	0.00149595	0.00364431
04/06/2017	15.00.00	-0.00340328	0.00264429	0.00430982
04/06/2017	16.00.00	-0.00341113	0.00422368	0.00542912
04/06/2017	17.00.00	-0.00332524	0.00576731	0.00665726
04/06/2017	18.00.00	-0.0031746	0.00664321	0.00736277

04/06/2017	19.00.00	-0.00302506	0.00647191	0.00714399
04/06/2017	20.00.00	-0.00292889	0.00549233	0.00622447
04/06/2017	21.00.00	-0.00291604	0.00435568	0.00524168
04/06/2017	22.00.00	-0.00298706	0.00353754	0.00462998
04/06/2017	23.00.00	-0.00311298	0.00318525	0.00445381
05/06/2017	00.00.00	-0.00324597	0.00328777	0.00462014
05/06/2017	01.00.00	-0.00335551	0.003838	0.00509801
05/06/2017	02.00.00	-0.00343784	0.00484577	0.0059414
05/06/2017	03.00.00	-0.00349015	0.00627734	0.00718235
05/06/2017	04.00.00	-0.00349687	0.00790682	0.00864557
05/06/2017	05.00.00	-0.00344562	0.0091847	0.00980974
05/06/2017	06.00.00	-0.00334981	0.00935649	0.00993806
05/06/2017	07.00.00	-0.00322857	0.0080592	0.00868184
05/06/2017	08.00.00	-0.00308396	0.00587096	0.00663166
05/06/2017	09.00.00	-0.00295413	0.00379743	0.00481117
05/06/2017	10.00.00	-0.00291338	0.00235623	0.00374695
05/06/2017	11.00.00	-0.00298066	0.00151867	0.00334525
05/06/2017	12.00.00	-0.00310604	0.0011178	0.00330105
05/06/2017	13.00.00	-0.00322827	0.00112234	0.0034178
05/06/2017	14.00.00	-0.00332233	0.00159714	0.00368629
05/06/2017	15.00.00	-0.00338075	0.00258717	0.0042571
05/06/2017	16.00.00	-0.00339377	0.00399875	0.00524478
05/06/2017	17.00.00	-0.00334371	0.00551439	0.00644894
05/06/2017	18.00.00	-0.00322918	0.00659594	0.00734398
05/06/2017	19.00.00	-0.00308731	0.00672719	0.0074018
05/06/2017	20.00.00	-0.0029651	0.00587181	0.006578
05/06/2017	21.00.00	-0.00290776	0.00459449	0.00543731
05/06/2017	22.00.00	-0.00294103	0.00354089	0.00460299
05/06/2017	23.00.00	-0.00306478	0.00301118	0.00429653
06/06/2017	00.00.00	-0.0032249	0.00303222	0.00442655
06/06/2017	01.00.00	-0.00335616	0.00354923	0.00488475
06/06/2017	02.00.00	-0.00343005	0.00449196	0.00565181
06/06/2017	03.00.00	-0.00345905	0.00575134	0.00671141
06/06/2017	04.00.00	-0.00345837	0.00715501	0.00794698
06/06/2017	05.00.00	-0.00342767	0.00835659	0.00903225
06/06/2017	06.00.00	-0.00336011	0.00879997	0.00941965
06/06/2017	07.00.00	-0.00325666	0.00800903	0.00864583
06/06/2017	08.00.00	-0.00311689	0.0061482	0.00689313
06/06/2017	09.00.00	-0.00296996	0.0040492	0.00502162

06/06/2017	10.00.00	-0.00289541	0.00243987	0.00378634
06/06/2017	11.00.00	-0.00294862	0.0014976	0.00330714
06/06/2017	12.00.00	-0.00309441	0.00110255	0.00328497
06/06/2017	13.00.00	-0.0032466	0.0011735	0.00345217
06/06/2017	14.00.00	-0.00334377	0.00170692	0.00375425
06/06/2017	15.00.00	-0.00337889	0.00266639	0.00430424
06/06/2017	16.00.00	-0.00337042	0.00394368	0.00518772
06/06/2017	17.00.00	-0.0033288	0.00532045	0.006276
06/06/2017	18.00.00	-0.00325199	0.00642593	0.00720194
06/06/2017	19.00.00	-0.00314441	0.00679679	0.0074889
06/06/2017	20.00.00	-0.00302848	0.00620383	0.00690356
06/06/2017	21.00.00	-0.0029442	0.00496656	0.00577365
06/06/2017	22.00.00	-0.00292981	0.00373881	0.00475
06/06/2017	23.00.00	-0.00302059	0.00298671	0.00424788
07/06/2017	00.00.00	-0.00318725	0.00284571	0.00427278
07/06/2017	01.00.00	-0.00334875	0.00328295	0.00468955
07/06/2017	02.00.00	-0.00343776	0.00419104	0.00542061
07/06/2017	03.00.00	-0.00345197	0.00536356	0.00637839
07/06/2017	04.00.00	-0.00342501	0.00656558	0.00740524
07/06/2017	05.00.00	-0.00338757	0.00753555	0.00826197
07/06/2017	06.00.00	-0.00333944	0.0079477	0.00862078
07/06/2017	07.00.00	-0.00326305	0.00746229	0.00814452
07/06/2017	08.00.00	-0.00314663	0.0060326	0.00680394
07/06/2017	09.00.00	-0.00300382	0.00414103	0.00511577
07/06/2017	10.00.00	-0.00290282	0.00247496	0.00381469
07/06/2017	11.00.00	-0.00292122	0.00140809	0.00324287
07/06/2017	12.00.00	-0.00306194	0.000963457	0.00320994
07/06/2017	13.00.00	-0.00324175	0.00108465	0.00341839
07/06/2017	14.00.00	-0.00336478	0.00173654	0.00378647
07/06/2017	15.00.00	-0.00339694	0.0027984	0.00440116
07/06/2017	16.00.00	-0.00336186	0.00406527	0.00527528
07/06/2017	17.00.00	-0.00330283	0.00531235	0.00625538
07/06/2017	18.00.00	-0.00324119	0.00630408	0.00708849
07/06/2017	19.00.00	-0.00317235	0.00674749	0.00745603
07/06/2017	20.00.00	-0.00309137	0.006406	0.0071129
07/06/2017	21.00.00	-0.0030106	0.00536798	0.00615459
07/06/2017	22.00.00	-0.00296484	0.0041139	0.00507094
07/06/2017	23.00.00	-0.00300724	0.00317031	0.00436971
08/06/2017	00.00.00	-0.00314689	0.00281235	0.00422045

08/06/2017	01.00.00	-0.00332326	0.00308675	0.00453565
08/06/2017	02.00.00	-0.00344242	0.00391753	0.0052151
08/06/2017	03.00.00	-0.00346582	0.00505362	0.00612789
08/06/2017	04.00.00	-0.00341724	0.00615343	0.00703862
08/06/2017	05.00.00	-0.0033515	0.00690415	0.00767462
08/06/2017	06.00.00	-0.0032968	0.00711225	0.00783919
08/06/2017	07.00.00	-0.00324114	0.0066641	0.00741048
08/06/2017	08.00.00	-0.00315689	0.00554689	0.00638232
08/06/2017	09.00.00	-0.00303959	0.00399364	0.00501879
08/06/2017	10.00.00	-0.00293461	0.00245607	0.00382678
08/06/2017	11.00.00	-0.00291732	0.00133437	0.00320801
08/06/2017	12.00.00	-0.00302421	0.000808378	0.00313038
08/06/2017	13.00.00	-0.00320671	0.000916695	0.00333516
08/06/2017	14.00.00	-0.00336091	0.00165016	0.00374416
08/06/2017	15.00.00	-0.0034165	0.00286374	0.00445797
08/06/2017	16.00.00	-0.00337429	0.00425237	0.00542849
08/06/2017	17.00.00	-0.00329024	0.00548588	0.00639692
08/06/2017	18.00.00	-0.00321641	0.00634899	0.00711723
08/06/2017	19.00.00	-0.00316802	0.00671468	0.0074245
08/06/2017	20.00.00	-0.00312899	0.00649161	0.00720636
08/06/2017	21.00.00	-0.00307913	0.00569692	0.00647579
08/06/2017	22.00.00	-0.00303352	0.00458127	0.00549457
08/06/2017	23.00.00	-0.00303843	0.00356619	0.00468506
09/06/2017	00.00.00	-0.00313001	0.00300501	0.00433902
09/06/2017	01.00.00	-0.00328774	0.00305635	0.00448893
09/06/2017	02.00.00	-0.00342923	0.00371654	0.00505691
09/06/2017	03.00.00	-0.00348093	0.00478107	0.00591401
09/06/2017	04.00.00	-0.00343459	0.00584725	0.00678135
09/06/2017	05.00.00	-0.00334212	0.006483	0.00729377
09/06/2017	06.00.00	-0.00325816	0.00647772	0.00725096
09/06/2017	07.00.00	-0.00319668	0.00588456	0.00669678
09/06/2017	08.00.00	-0.00313643	0.0048654	0.00578872
09/06/2017	09.00.00	-0.00305732	0.00360281	0.00472519
09/06/2017	10.00.00	-0.00297524	0.00232066	0.00377326
09/06/2017	11.00.00	-0.00294174	0.00128608	0.00321059
09/06/2017	12.00.00	-0.00300549	0.000720668	0.00309069
09/06/2017	13.00.00	-0.00315881	0.000768327	0.00325091
09/06/2017	14.00.00	-0.0033244	0.00149026	0.00364314
09/06/2017	15.00.00	-0.00341504	0.00279001	0.00440984

09/06/2017	16.00.00	-0.00339382	0.00434328	0.005512
09/06/2017	17.00.00	-0.00329943	0.00570123	0.00658713
09/06/2017	18.00.00	-0.0032016	0.00654193	0.00728335
09/06/2017	19.00.00	-0.00314686	0.00679261	0.00748614
09/06/2017	20.00.00	-0.00313217	0.00654352	0.00725452
09/06/2017	21.00.00	-0.0031237	0.00590919	0.00668401
09/06/2017	22.00.00	-0.00310785	0.00501853	0.00590292
09/06/2017	23.00.00	-0.00310395	0.00409969	0.00514217
10/06/2017	00.00.00	-0.00315141	0.00344251	0.00466714
10/06/2017	01.00.00	-0.00326535	0.00327425	0.0046242
10/06/2017	02.00.00	-0.00339933	0.00368943	0.00501671
10/06/2017	03.00.00	-0.00347911	0.00458256	0.00575362
10/06/2017	04.00.00	-0.00345897	0.00558665	0.00657078
10/06/2017	05.00.00	-0.00336208	0.00619342	0.00704713
10/06/2017	06.00.00	-0.00324783	0.00607044	0.00688467
10/06/2017	07.00.00	-0.00315704	0.00529397	0.00616385
10/06/2017	08.00.00	-0.00309406	0.00419871	0.00521559
10/06/2017	09.00.00	-0.00304573	0.00306594	0.00432163
10/06/2017	10.00.00	-0.00300415	0.00203385	0.00362787
10/06/2017	11.00.00	-0.00298426	0.00120065	0.00321673
10/06/2017	12.00.00	-0.00301866	0.000704576	0.00309979
10/06/2017	13.00.00	-0.00312454	0.000712078	0.00320465
10/06/2017	14.00.00	-0.00326892	0.00134857	0.00353617
10/06/2017	15.00.00	-0.00338061	0.00260554	0.00426818
10/06/2017	16.00.00	-0.00339725	0.00423655	0.00543044
10/06/2017	17.00.00	-0.00331957	0.0057656	0.00665295
10/06/2017	18.00.00	-0.00320828	0.00672833	0.0074541
10/06/2017	19.00.00	-0.00313081	0.00695588	0.00762799
10/06/2017	20.00.00	-0.00311306	0.00662687	0.00732165
10/06/2017	21.00.00	-0.00313259	0.00602725	0.00679271
10/06/2017	22.00.00	-0.00315907	0.00533038	0.00619618
10/06/2017	23.00.00	-0.00317861	0.00462852	0.00561487
11/06/2017	00.00.00	-0.0032086	0.00404754	0.00516505
11/06/2017	01.00.00	-0.00327333	0.00376881	0.00499186
11/06/2017	02.00.00	-0.00337171	0.00393817	0.00518436
11/06/2017	03.00.00	-0.00345461	0.0045653	0.00572506
11/06/2017	04.00.00	-0.00346743	0.00539757	0.00641536
11/06/2017	05.00.00	-0.00339408	0.00596075	0.00685932
11/06/2017	06.00.00	-0.00327067	0.00581366	0.00667053

11/06/2017	07.00.00	-0.00314732	0.00492678	0.00584627
11/06/2017	08.00.00	-0.00305663	0.00369142	0.00479266
11/06/2017	09.00.00	-0.00301155	0.00253468	0.00393625
11/06/2017	10.00.00	-0.00300612	0.00163855	0.00342368
11/06/2017	11.00.00	-0.00302319	0.00101839	0.00319011
11/06/2017	12.00.00	-0.00305831	0.000690808	0.00313536
11/06/2017	13.00.00	-0.00312345	0.000745789	0.00321126
11/06/2017	14.00.00	-0.00322233	0.00130163	0.0034753
11/06/2017	15.00.00	-0.00332209	0.00241713	0.00410838
11/06/2017	16.00.00	-0.00336774	0.00396713	0.00520383
11/06/2017	17.00.00	-0.00332775	0.00556941	0.00648786
11/06/2017	18.00.00	-0.00322871	0.00671039	0.00744674
11/06/2017	19.00.00	-0.00313376	0.00705925	0.00772357
11/06/2017	20.00.00	-0.00309371	0.00671957	0.00739754
11/06/2017	21.00.00	-0.00311514	0.00608752	0.00683828
11/06/2017	22.00.00	-0.00317319	0.00548586	0.00633749
11/06/2017	23.00.00	-0.00323399	0.0050128	0.00596547
12/06/2017	00.00.00	-0.00327914	0.00466012	0.0056982
12/06/2017	01.00.00	-0.00331776	0.00445784	0.00555696
12/06/2017	02.00.00	-0.00336866	0.00449568	0.00561774
12/06/2017	03.00.00	-0.00342511	0.00484201	0.00593097
12/06/2017	04.00.00	-0.00345157	0.00538905	0.00639963
12/06/2017	05.00.00	-0.00341323	0.00579493	0.00672542
12/06/2017	06.00.00	-0.00330956	0.00562665	0.00652781
12/06/2017	07.00.00	-0.00317327	0.00472138	0.00568868
12/06/2017	08.00.00	-0.00304934	0.00338831	0.00455842
12/06/2017	09.00.00	-0.00298018	0.00213106	0.00366372
12/06/2017	10.00.00	-0.00298522	0.00123894	0.00323211
12/06/2017	11.00.00	-0.00304029	0.00074615	0.00313051
12/06/2017	12.00.00	-0.00310406	0.000606498	0.00316276
12/06/2017	13.00.00	-0.00315652	0.000803386	0.00325715
12/06/2017	14.00.00	-0.00320854	0.00136379	0.00348635
12/06/2017	15.00.00	-0.00326578	0.00233381	0.00401397
12/06/2017	16.00.00	-0.00330879	0.00367749	0.00494692
12/06/2017	17.00.00	-0.00330354	0.00516951	0.00613492
12/06/2017	18.00.00	-0.00323958	0.00639025	0.00716451
12/06/2017	19.00.00	-0.00315088	0.00692678	0.00760975
12/06/2017	20.00.00	-0.00309058	0.0067073	0.00738509
12/06/2017	21.00.00	-0.00309262	0.00608354	0.0068245

12/06/2017	22.00.00	-0.00315722	0.00550257	0.006344
12/06/2017	23.00.00	-0.00325322	0.0051836	0.0061199
13/06/2017	00.00.00	-0.00333531	0.00510812	0.00610059
13/06/2017	01.00.00	-0.0033791	0.00516733	0.00617411
13/06/2017	02.00.00	-0.00339661	0.00528745	0.00628444
13/06/2017	03.00.00	-0.00341021	0.00546851	0.0064447
13/06/2017	04.00.00	-0.00342168	0.00569312	0.00664225
13/06/2017	05.00.00	-0.00340587	0.00580396	0.00672948
13/06/2017	06.00.00	-0.00333739	0.00550793	0.00644014
13/06/2017	07.00.00	-0.00321714	0.00460508	0.00561754
13/06/2017	08.00.00	-0.0030779	0.00325718	0.00448137
13/06/2017	09.00.00	-0.00297633	0.00191439	0.00353885
13/06/2017	10.00.00	-0.00296264	0.000945294	0.0031098
13/06/2017	11.00.00	-0.00303423	0.000464526	0.00306958
13/06/2017	12.00.00	-0.00313458	0.000443492	0.0031658
13/06/2017	13.00.00	-0.0032055	0.000812669	0.00330691
13/06/2017	14.00.00	-0.0032329	0.00148594	0.00355804
13/06/2017	15.00.00	-0.003239	0.00240129	0.00403204
13/06/2017	16.00.00	-0.00324517	0.00352036	0.00478791
13/06/2017	17.00.00	-0.00324554	0.00474947	0.00575248
13/06/2017	18.00.00	-0.00321857	0.00584968	0.00667667
13/06/2017	19.00.00	-0.00316129	0.00648256	0.00721231
13/06/2017	20.00.00	-0.00310245	0.00645536	0.00716218
13/06/2017	21.00.00	-0.00308368	0.00594879	0.00670053
13/06/2017	22.00.00	-0.00313215	0.00539921	0.00624194
13/06/2017	23.00.00	-0.00323977	0.00515305	0.00608687
14/06/2017	00.00.00	-0.00335825	0.00529572	0.00627076
14/06/2017	01.00.00	-0.00343221	0.00569718	0.00665116
14/06/2017	02.00.00	-0.00344437	0.00612408	0.00702624
14/06/2017	03.00.00	-0.00342286	0.00637506	0.00723584
14/06/2017	04.00.00	-0.0033994	0.0063792	0.00722842
14/06/2017	05.00.00	-0.00337844	0.00612672	0.00699647
14/06/2017	06.00.00	-0.00333635	0.00555247	0.00647774
14/06/2017	07.00.00	-0.00324936	0.00456804	0.00560583
14/06/2017	08.00.00	-0.00312367	0.00324409	0.0045035
14/06/2017	09.00.00	-0.00300601	0.00188386	0.00354753
14/06/2017	10.00.00	-0.00296191	0.000833762	0.00307703
14/06/2017	11.00.00	-0.00302092	0.000283535	0.00303419
14/06/2017	12.00.00	-0.00314207	0.000273152	0.00315392

14/06/2017	13.00.00	-0.00324608	0.000757412	0.00333328
14/06/2017	14.00.00	-0.00328052	0.00159585	0.00364809
14/06/2017	15.00.00	-0.00325319	0.00258503	0.00415519
14/06/2017	16.00.00	-0.00320715	0.00357559	0.00480319
14/06/2017	17.00.00	-0.00317652	0.00450402	0.00551149
14/06/2017	18.00.00	-0.00316138	0.00530543	0.00617591
14/06/2017	19.00.00	-0.00314173	0.00583075	0.0066233
14/06/2017	20.00.00	-0.00311057	0.00591962	0.00668712
14/06/2017	21.00.00	-0.00309058	0.00559964	0.00639591
14/06/2017	22.00.00	-0.0031186	0.00515984	0.00602906
14/06/2017	23.00.00	-0.00321353	0.00496762	0.00591642
15/06/2017	00.00.00	-0.00334786	0.00523307	0.00621234
15/06/2017	01.00.00	-0.00345685	0.00592249	0.00685753
15/06/2017	02.00.00	-0.00349003	0.00676677	0.00761377
15/06/2017	03.00.00	-0.00345644	0.00735306	0.00812493
15/06/2017	04.00.00	-0.00339989	0.00738392	0.00812906
15/06/2017	05.00.00	-0.00335238	0.00684034	0.00761766
15/06/2017	06.00.00	-0.00330986	0.00588809	0.00675461
15/06/2017	07.00.00	-0.00324788	0.0046811	0.0056975
15/06/2017	08.00.00	-0.00315434	0.00333237	0.00458852
15/06/2017	09.00.00	-0.00304889	0.00200748	0.00365044
15/06/2017	10.00.00	-0.00298884	0.000928136	0.00312964
15/06/2017	11.00.00	-0.00302036	0.000292124	0.00303446
15/06/2017	12.00.00	-0.00313579	0.000206036	0.00314255
15/06/2017	13.00.00	-0.00326443	0.000697547	0.00333812
15/06/2017	14.00.00	-0.00332714	0.00165812	0.00371742
15/06/2017	15.00.00	-0.00329789	0.00280413	0.00432888
15/06/2017	16.00.00	-0.00321161	0.00382205	0.00499225
15/06/2017	17.00.00	-0.00312937	0.00454393	0.00551727
15/06/2017	18.00.00	-0.00308875	0.00498379	0.00586332
15/06/2017	19.00.00	-0.00308489	0.00520546	0.0060509
15/06/2017	20.00.00	-0.00309108	0.00521697	0.00606395
15/06/2017	21.00.00	-0.00309704	0.00502267	0.00590075
15/06/2017	22.00.00	-0.00312242	0.0047488	0.00568336
15/06/2017	23.00.00	-0.00319678	0.00465433	0.00564643
16/06/2017	00.00.00	-0.00332172	0.00498853	0.00599326
16/06/2017	01.00.00	-0.00344992	0.00584469	0.00678693
16/06/2017	02.00.00	-0.00351434	0.00704788	0.00787548
16/06/2017	03.00.00	-0.00349366	0.00811508	0.00883517

16/06/2017	04.00.00	-0.00342118	0.00847864	0.00914285
16/06/2017	05.00.00	-0.00334526	0.00788287	0.00856332
16/06/2017	06.00.00	-0.00327998	0.00657964	0.00735187
16/06/2017	07.00.00	-0.00321581	0.00503379	0.00597331
16/06/2017	08.00.00	-0.00314458	0.00355162	0.00474367
16/06/2017	09.00.00	-0.00307196	0.00224704	0.00380606
16/06/2017	10.00.00	-0.0030239	0.00119806	0.00325259
16/06/2017	11.00.00	-0.00304017	0.000513986	0.00308331
16/06/2017	12.00.00	-0.00313336	0.000323793	0.00315004
16/06/2017	13.00.00	-0.00326397	0.000727952	0.00334416
16/06/2017	14.00.00	-0.00335471	0.00170243	0.00376196
16/06/2017	15.00.00	-0.00334951	0.00298935	0.00448948
16/06/2017	16.00.00	-0.00325319	0.00416102	0.00528179
16/06/2017	17.00.00	-0.00312612	0.00485667	0.00577579
16/06/2017	18.00.00	-0.00303552	0.00501603	0.00586301
16/06/2017	19.00.00	-0.00300985	0.00484481	0.00570363
16/06/2017	20.00.00	-0.00303368	0.00457866	0.00549248
16/06/2017	21.00.00	-0.00307747	0.00433684	0.0053178
16/06/2017	22.00.00	-0.00312798	0.00417837	0.00521949
16/06/2017	23.00.00	-0.0031984	0.00421454	0.00529075

Lampiran 12.

**Report of Depth Averaged Velocity
PLTGU Muara Karang CCPP 400-500 MW**

SKENARIO II		Location : 800 m from outfall		
Date	Time	X component of depth averaged velocity (m/s)	Y component of depth averaged velocity (m/s)	magnitude of depth averaged velocity (m/s)
02/06/2017	00.00.00	0	0	0
02/06/2017	01.00.00	0.00465312	0.0159884	0.0166517
02/06/2017	02.00.00	0.00385163	0.0125409	0.013119
02/06/2017	03.00.00	0.00403709	0.0133058	0.0139048
02/06/2017	04.00.00	0.00361858	0.011976	0.0125107
02/06/2017	05.00.00	0.00274027	0.00911544	0.00951842
02/06/2017	06.00.00	0.00164026	0.0055507	0.00578798
02/06/2017	07.00.00	0.000555113	0.00212723	0.00219846
02/06/2017	08.00.00	-0.000575991	-0.00148692	0.00159458
02/06/2017	09.00.00	-0.00149799	-0.00454436	0.00478489
02/06/2017	10.00.00	-0.00221372	-0.00691874	0.00726426
02/06/2017	11.00.00	-0.00264323	-0.00838375	0.00879055
02/06/2017	12.00.00	-0.00270226	-0.00865819	0.00907009
02/06/2017	13.00.00	-0.00233766	-0.00759461	0.00794624
02/06/2017	14.00.00	-0.00156662	-0.00521818	0.00544828
02/06/2017	15.00.00	-0.000557725	-0.00202024	0.00209581
02/06/2017	16.00.00	0.000403778	0.00111029	0.00118143
02/06/2017	17.00.00	0.0010179	0.00317579	0.00333493
02/06/2017	18.00.00	0.00112539	0.00361191	0.00378317
02/06/2017	19.00.00	0.000797848	0.00261971	0.00273851
02/06/2017	20.00.00	0.00026468	0.000927711	0.000964729
02/06/2017	21.00.00	-0.000254099	-0.000750325	0.000792183
02/06/2017	22.00.00	-0.000626613	-0.00197695	0.00207388
02/06/2017	23.00.00	-0.000789559	-0.00253848	0.00265844
03/06/2017	00.00.00	-0.000689856	-0.00225262	0.00235588
03/06/2017	01.00.00	-0.000277977	-0.00095315	0.000992858
03/06/2017	02.00.00	0.000432056	0.00133297	0.00140124
03/06/2017	03.00.00	0.00128614	0.0041217	0.00431771
03/06/2017	04.00.00	0.00195591	0.00635492	0.0066491
03/06/2017	05.00.00	0.0020631	0.00678255	0.00708938

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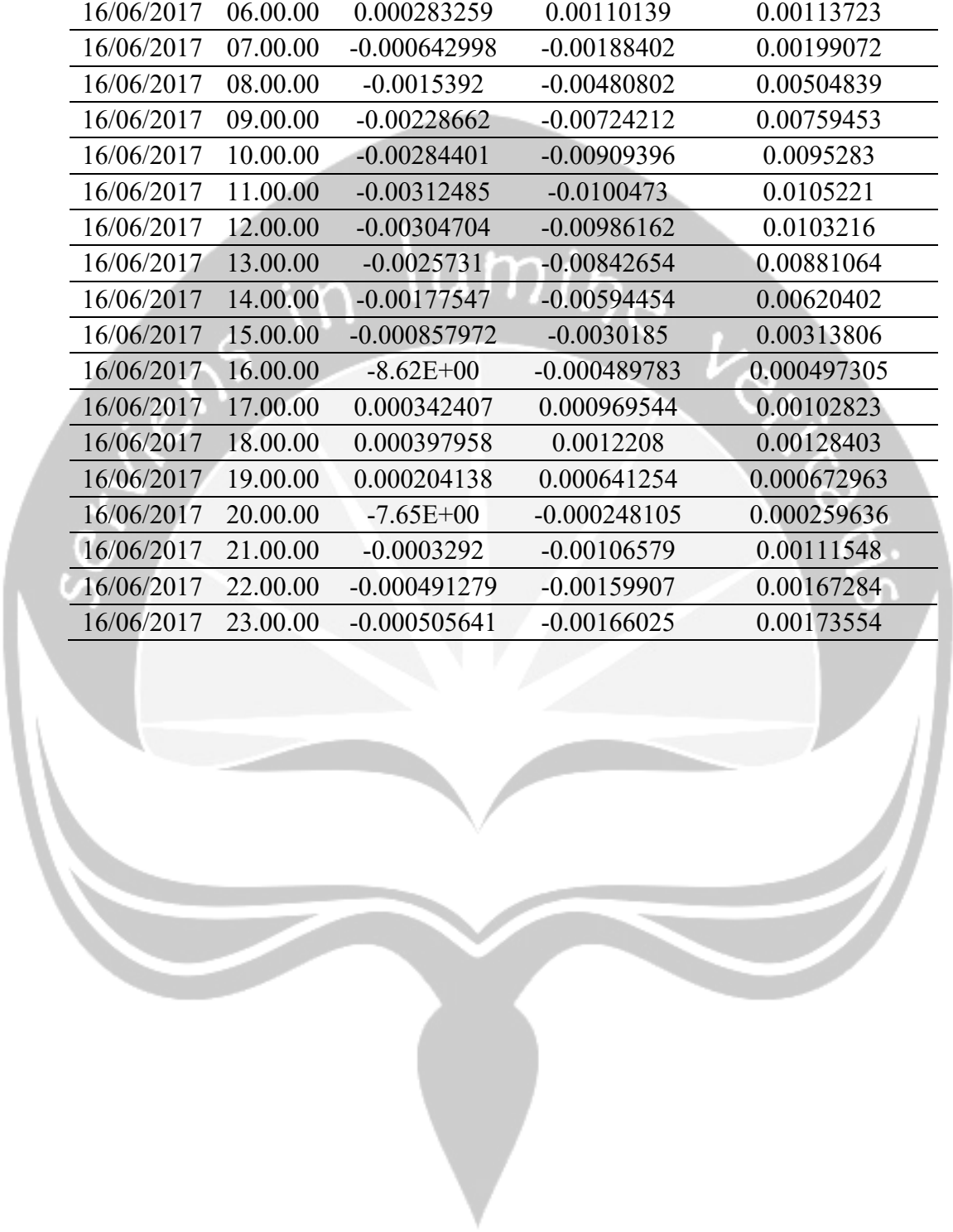
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13/06/2017	11.00.00	-0.0027699	-0.00894269	0.00936184
13/06/2017	12.00.00	-0.00268226	-0.00873521	0.00913775
13/06/2017	13.00.00	-0.00230627	-0.00759388	0.00793637
13/06/2017	14.00.00	-0.00174769	-0.00584275	0.00609854
13/06/2017	15.00.00	-0.00109553	-0.00375767	0.00391412
13/06/2017	16.00.00	-0.000405888	-0.00151932	0.0015726
13/06/2017	17.00.00	0.000259988	0.000670129	0.000718795
13/06/2017	18.00.00	0.000783234	0.00241923	0.00254286
13/06/2017	19.00.00	0.0010099	0.00321818	0.00337291
13/06/2017	20.00.00	0.00086337	0.00280881	0.0029385
13/06/2017	21.00.00	0.000447181	0.00150746	0.00157239
13/06/2017	22.00.00	3.94E-01	8.77E+00	8.77E+00
13/06/2017	23.00.00	-0.000241006	-0.000721523	0.00076071
14/06/2017	00.00.00	-0.000209847	-0.000651036	0.00068402
14/06/2017	01.00.00	1.83E+00	6.77E-01	7.01E+00
14/06/2017	02.00.00	0.000283138	0.000928934	0.000971126
14/06/2017	03.00.00	0.000447256	0.0014832	0.00154916
14/06/2017	04.00.00	0.000454984	0.00153639	0.00160235
14/06/2017	05.00.00	0.000305425	0.00107383	0.00111642
14/06/2017	06.00.00	-1.62E+00	4.83E+00	5.10E+00
14/06/2017	07.00.00	-0.00054458	-0.00165071	0.00173822
14/06/2017	08.00.00	-0.0012608	-0.00396311	0.00415883
14/06/2017	09.00.00	-0.00202681	-0.006445	0.00675618
14/06/2017	10.00.00	-0.00263881	-0.00844869	0.0088512
14/06/2017	11.00.00	-0.00293112	-0.00944618	0.00989049
14/06/2017	12.00.00	-0.00282996	-0.00919757	0.0096231
14/06/2017	13.00.00	-0.00237635	-0.00782025	0.00817333
14/06/2017	14.00.00	-0.00170829	-0.00572835	0.00597765

14/06/2017	15.00.00	-0.000995489	-0.00344391	0.0035849
14/06/2017	16.00.00	-0.000356513	-0.00135421	0.00140035
14/06/2017	17.00.00	0.00016175	0.000367406	0.000401435
14/06/2017	18.00.00	0.000532337	0.00161705	0.00170242
14/06/2017	19.00.00	0.00070432	0.00222428	0.00233312
14/06/2017	20.00.00	0.00062585	0.00201861	0.00211341
14/06/2017	21.00.00	0.000327405	0.00109104	0.00113911
14/06/2017	22.00.00	-3.15E+00	-5.28E+00	6.15E+00
14/06/2017	23.00.00	-0.000236248	-0.00072463	0.000762169
15/06/2017	00.00.00	-0.000151434	-0.000477026	0.000500486
15/06/2017	01.00.00	0.000199328	0.000637643	0.000668072
15/06/2017	02.00.00	0.000643936	0.00208302	0.00218028
15/06/2017	03.00.00	0.000939733	0.00307104	0.0032116
15/06/2017	04.00.00	0.000927797	0.00309027	0.00322654
15/06/2017	05.00.00	0.000593842	0.00204324	0.00212779
15/06/2017	06.00.00	3.35E+00	0.00025448	0.000256675
15/06/2017	07.00.00	-0.00065709	-0.0019777	0.00208401
15/06/2017	08.00.00	-0.00139522	-0.00440496	0.00462064
15/06/2017	09.00.00	-0.00214948	-0.006836	0.00716597
15/06/2017	10.00.00	-0.00274061	-0.00877327	0.00919137
15/06/2017	11.00.00	-0.00304425	-0.00979751	0.0102596
15/06/2017	12.00.00	-0.00295893	-0.00959376	0.0100397
15/06/2017	13.00.00	-0.00247913	-0.00814011	0.00850926
15/06/2017	14.00.00	-0.00172303	-0.00578029	0.00603163
15/06/2017	15.00.00	-0.000905645	-0.00316505	0.00329207
15/06/2017	16.00.00	-0.00023227	-0.000954673	0.000982522
15/06/2017	17.00.00	0.00019402	0.000484582	0.00052198
15/06/2017	18.00.00	0.000383445	0.00115459	0.0012166
15/06/2017	19.00.00	0.0003957	0.00123673	0.00129849
15/06/2017	20.00.00	0.000273432	0.000870115	0.000912066
15/06/2017	21.00.00	5.13E+00	0.000173046	0.000180478
15/06/2017	22.00.00	-0.000190386	-0.000599473	0.000628979
15/06/2017	23.00.00	-0.000312106	-0.000999412	0.00104701
16/06/2017	00.00.00	-0.000178004	-0.000585621	0.000612077
16/06/2017	01.00.00	0.000248332	0.000776239	0.000814994
16/06/2017	02.00.00	0.000846129	0.00271862	0.00284725
16/06/2017	03.00.00	0.00134677	0.00437533	0.00457792
16/06/2017	04.00.00	0.00145959	0.00480444	0.00502125
16/06/2017	05.00.00	0.00106273	0.00358398	0.00373822



16/06/2017	06.00.00	0.000283259	0.00110139	0.00113723
16/06/2017	07.00.00	-0.000642998	-0.00188402	0.00199072
16/06/2017	08.00.00	-0.0015392	-0.00480802	0.00504839
16/06/2017	09.00.00	-0.00228662	-0.00724212	0.00759453
16/06/2017	10.00.00	-0.00284401	-0.00909396	0.0095283
16/06/2017	11.00.00	-0.00312485	-0.0100473	0.0105221
16/06/2017	12.00.00	-0.00304704	-0.00986162	0.0103216
16/06/2017	13.00.00	-0.0025731	-0.00842654	0.00881064
16/06/2017	14.00.00	-0.00177547	-0.00594454	0.00620402
16/06/2017	15.00.00	-0.000857972	-0.0030185	0.00313806
16/06/2017	16.00.00	-8.62E+00	-0.000489783	0.000497305
16/06/2017	17.00.00	0.000342407	0.000969544	0.00102823
16/06/2017	18.00.00	0.000397958	0.0012208	0.00128403
16/06/2017	19.00.00	0.000204138	0.000641254	0.000672963
16/06/2017	20.00.00	-7.65E+00	-0.000248105	0.000259636
16/06/2017	21.00.00	-0.0003292	-0.00106579	0.00111548
16/06/2017	22.00.00	-0.000491279	-0.00159907	0.00167284
16/06/2017	23.00.00	-0.000505641	-0.00166025	0.00173554

Lampiran 13.

**Report of Depth Averaged Velocity
PLTGU Muara Karang CCPP 400-500 MW**

SKENARIO I		Location :		Intake
Date	Time	X component of depth averaged velocity (m/s)	Y component of depth averaged velocity (m/s)	magnitude of depth averaged velocity (m/s)
02/06/2017	00.00.00	0	0	0
02/06/2017	01.00.00	-0.116578	0.352475	0.371254
02/06/2017	02.00.00	-0.120279	0.352543	0.372496
02/06/2017	03.00.00	-0.127348	0.368942	0.390302
02/06/2017	04.00.00	-0.141903	0.402002	0.426312
02/06/2017	05.00.00	-0.151202	0.421028	0.447355
02/06/2017	06.00.00	-0.151032	0.419496	0.445856
02/06/2017	07.00.00	-0.140178	0.394888	0.419031
02/06/2017	08.00.00	-0.123588	0.357053	0.377837
02/06/2017	09.00.00	-0.107162	0.318682	0.336217
02/06/2017	10.00.00	-0.0935089	0.285557	0.300477
02/06/2017	11.00.00	-0.0836359	0.260958	0.274033
02/06/2017	12.00.00	-0.0776678	0.245966	0.257937
02/06/2017	13.00.00	-0.0755768	0.241047	0.252618
02/06/2017	14.00.00	-0.0772223	0.246	0.257836
02/06/2017	15.00.00	-0.0822721	0.259738	0.272457
02/06/2017	16.00.00	-0.0899457	0.279747	0.293851
02/06/2017	17.00.00	-0.0986693	0.301553	0.317285
02/06/2017	18.00.00	-0.106121	0.319354	0.336524
02/06/2017	19.00.00	-0.110259	0.32869	0.34669
02/06/2017	20.00.00	-0.110697	0.329217	0.347329
02/06/2017	21.00.00	-0.108628	0.323988	0.341713
02/06/2017	22.00.00	-0.105712	0.316912	0.334078
02/06/2017	23.00.00	-0.103349	0.311308	0.328014
03/06/2017	00.00.00	-0.10278	0.310218	0.326801
03/06/2017	01.00.00	-0.105258	0.316699	0.333733
03/06/2017	02.00.00	-0.111911	0.333225	0.351516
03/06/2017	03.00.00	-0.123287	0.360354	0.38086

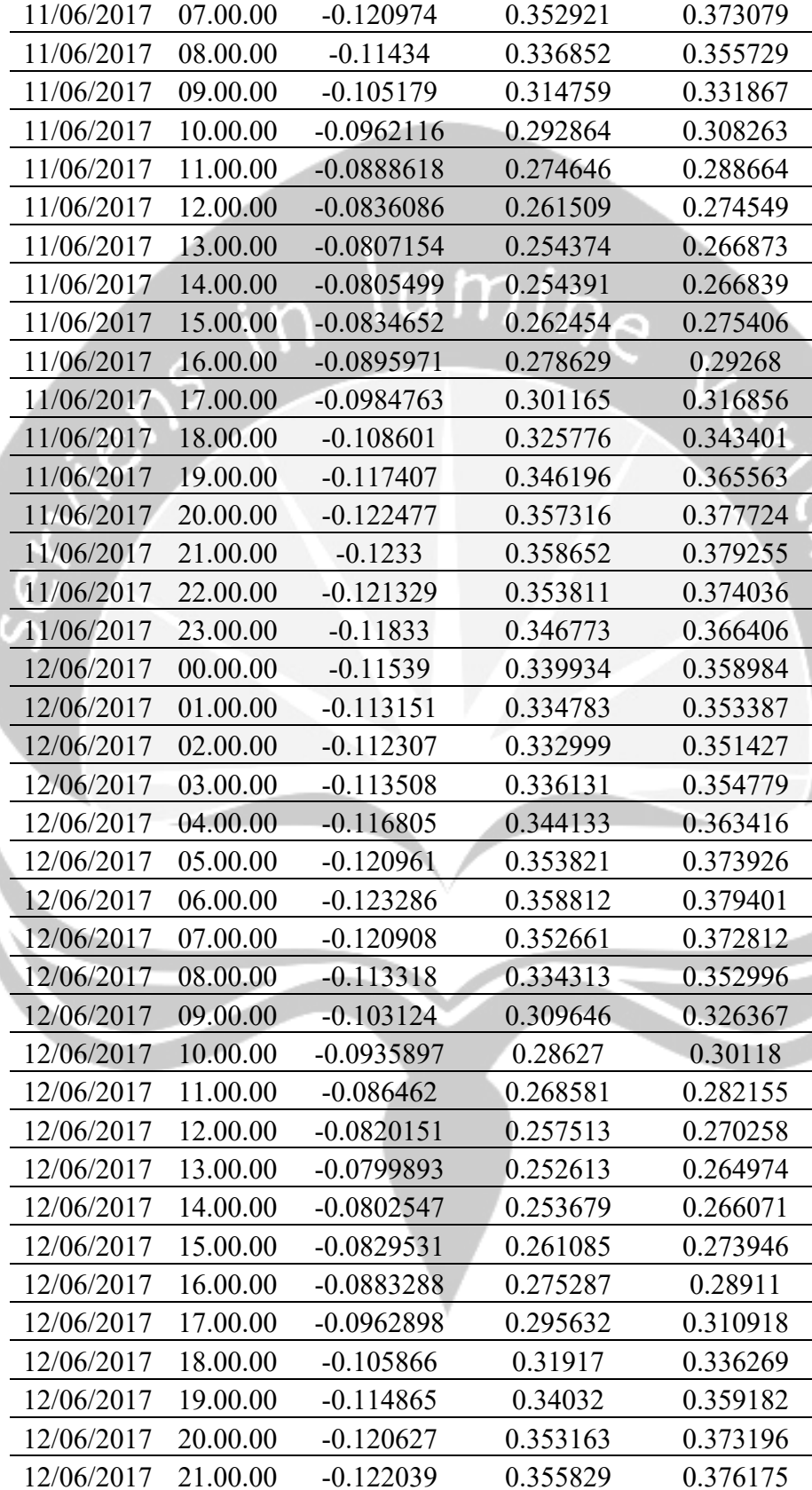
03/06/2017	04.00.00	-0.138242	0.394247	0.417782
03/06/2017	05.00.00	-0.15225	0.424069	0.450572
03/06/2017	06.00.00	-0.157597	0.434009	0.461737
03/06/2017	07.00.00	-0.149416	0.415126	0.441197
03/06/2017	08.00.00	-0.131644	0.375305	0.397724
03/06/2017	09.00.00	-0.112395	0.330965	0.349529
03/06/2017	10.00.00	-0.0966954	0.293264	0.308794
03/06/2017	11.00.00	-0.0856158	0.265903	0.279347
03/06/2017	12.00.00	-0.0788273	0.248887	0.261072
03/06/2017	13.00.00	-0.0759228	0.241829	0.253467
03/06/2017	14.00.00	-0.0767082	0.244503	0.256253
03/06/2017	15.00.00	-0.0810495	0.256457	0.26896
03/06/2017	16.00.00	-0.0885351	0.27617	0.290014
03/06/2017	17.00.00	-0.0979377	0.299896	0.315482
03/06/2017	18.00.00	-0.106772	0.321141	0.338425
03/06/2017	19.00.00	-0.111981	0.332892	0.351221
03/06/2017	20.00.00	-0.112167	0.332621	0.351025
03/06/2017	21.00.00	-0.108738	0.324049	0.341807
03/06/2017	22.00.00	-0.104384	0.313517	0.330437
03/06/2017	23.00.00	-0.101119	0.305763	0.322049
04/06/2017	00.00.00	-0.100019	0.3034	0.319461
04/06/2017	01.00.00	-0.101824	0.30826	0.324641
04/06/2017	02.00.00	-0.107339	0.322167	0.339578
04/06/2017	03.00.00	-0.1173	0.346351	0.365675
04/06/2017	04.00.00	-0.131557	0.379414	0.401575
04/06/2017	05.00.00	-0.147331	0.413941	0.439379
04/06/2017	06.00.00	-0.157639	0.434752	0.46245
04/06/2017	07.00.00	-0.154679	0.426828	0.453991
04/06/2017	08.00.00	-0.138581	0.390811	0.414654
04/06/2017	09.00.00	-0.117889	0.343604	0.363266
04/06/2017	10.00.00	-0.100321	0.302041	0.318266
04/06/2017	11.00.00	-0.0879973	0.271856	0.285743
04/06/2017	12.00.00	-0.0805571	0.253321	0.265821
04/06/2017	13.00.00	-0.0771442	0.244967	0.256827
04/06/2017	14.00.00	-0.0772829	0.245901	0.257759
04/06/2017	15.00.00	-0.0808335	0.255759	0.268229
04/06/2017	16.00.00	-0.0876508	0.273821	0.287508
04/06/2017	17.00.00	-0.096988	0.297571	0.312978
04/06/2017	18.00.00	-0.106752	0.321266	0.338538

04/06/2017	19.00.00	-0.113471	0.33662	0.355231
04/06/2017	20.00.00	-0.114436	0.338032	0.356877
04/06/2017	21.00.00	-0.110307	0.32766	0.345729
04/06/2017	22.00.00	-0.104461	0.313497	0.330443
04/06/2017	23.00.00	-0.0998984	0.302606	0.318669
05/06/2017	00.00.00	-0.0980134	0.298365	0.314051
05/06/2017	01.00.00	-0.0992332	0.301832	0.317726
05/06/2017	02.00.00	-0.103842	0.313595	0.330341
05/06/2017	03.00.00	-0.112262	0.334305	0.352651
05/06/2017	04.00.00	-0.124633	0.363542	0.384312
05/06/2017	05.00.00	-0.13948	0.396899	0.420694
05/06/2017	06.00.00	-0.151879	0.423027	0.449466
05/06/2017	07.00.00	-0.153978	0.425967	0.452942
05/06/2017	08.00.00	-0.142172	0.399075	0.423644
05/06/2017	09.00.00	-0.122554	0.354554	0.375138
05/06/2017	10.00.00	-0.103803	0.31043	0.327325
05/06/2017	11.00.00	-0.0903744	0.277758	0.29209
05/06/2017	12.00.00	-0.0823572	0.257929	0.270759
05/06/2017	13.00.00	-0.0787122	0.249047	0.26119
05/06/2017	14.00.00	-0.0786031	0.24932	0.261417
05/06/2017	15.00.00	-0.0816455	0.257771	0.270392
05/06/2017	16.00.00	-0.0877392	0.273919	0.287627
05/06/2017	17.00.00	-0.0964907	0.296258	0.311576
05/06/2017	18.00.00	-0.10642	0.320529	0.337733
05/06/2017	19.00.00	-0.114375	0.338953	0.35773
05/06/2017	20.00.00	-0.116821	0.343797	0.363103
05/06/2017	21.00.00	-0.113002	0.33404	0.352636
05/06/2017	22.00.00	-0.106092	0.317269	0.334538
05/06/2017	23.00.00	-0.100032	0.30273	0.318829
06/06/2017	00.00.00	-0.0969802	0.295657	0.311156
06/06/2017	01.00.00	-0.0974618	0.297366	0.31293
06/06/2017	02.00.00	-0.101377	0.307491	0.323772
06/06/2017	03.00.00	-0.108612	0.325445	0.343091
06/06/2017	04.00.00	-0.11902	0.350351	0.370015
06/06/2017	05.00.00	-0.131658	0.37932	0.401519
06/06/2017	06.00.00	-0.143321	0.404684	0.429313
06/06/2017	07.00.00	-0.148067	0.413811	0.439503
06/06/2017	08.00.00	-0.14102	0.397095	0.421392
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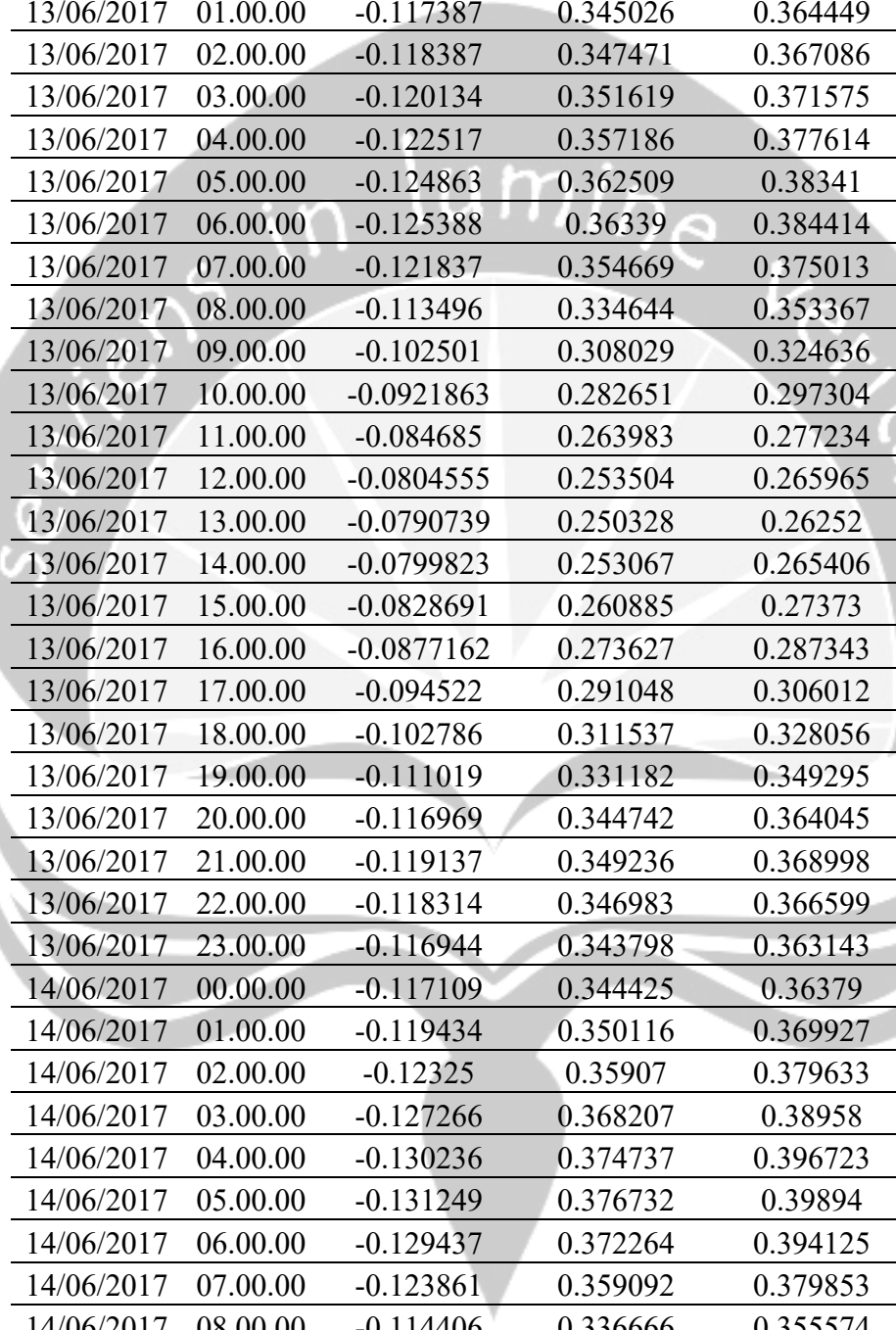
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06/06/2017	12.00.00	-0.0838754	0.261792	0.2749
06/06/2017	13.00.00	-0.0801019	0.252669	0.265062
06/06/2017	14.00.00	-0.0800693	0.253161	0.265521
06/06/2017	15.00.00	-0.0830758	0.261452	0.274334
06/06/2017	16.00.00	-0.0887931	0.276515	0.290422
06/06/2017	17.00.00	-0.0968945	0.297143	0.312542
06/06/2017	18.00.00	-0.106388	0.320402	0.337603
06/06/2017	19.00.00	-0.11484	0.340152	0.359014
06/06/2017	20.00.00	-0.11876	0.348526	0.368204
06/06/2017	21.00.00	-0.116158	0.341584	0.360794
06/06/2017	22.00.00	-0.109068	0.324346	0.342193
06/06/2017	23.00.00	-0.101735	0.306712	0.323145
07/06/2017	00.00.00	-0.0972453	0.296116	0.311675
07/06/2017	01.00.00	-0.0966535	0.29522	0.310639
07/06/2017	02.00.00	-0.0998294	0.303597	0.319589
07/06/2017	03.00.00	-0.106235	0.319615	0.336808
07/06/2017	04.00.00	-0.11517	0.34115	0.360065
07/06/2017	05.00.00	-0.125515	0.36515	0.38612
07/06/2017	06.00.00	-0.135001	0.386203	0.409119
07/06/2017	07.00.00	-0.139756	0.395915	0.419857
07/06/2017	08.00.00	-0.135804	0.386041	0.409231
07/06/2017	09.00.00	-0.123302	0.356905	0.377604
07/06/2017	10.00.00	-0.107423	0.319349	0.336933
07/06/2017	11.00.00	-0.0937676	0.286238	0.301205
07/06/2017	12.00.00	-0.0849496	0.26452	0.277826
07/06/2017	13.00.00	-0.0810018	0.254993	0.267549
07/06/2017	14.00.00	-0.0811236	0.255933	0.268482
07/06/2017	15.00.00	-0.0844492	0.265037	0.278166
07/06/2017	16.00.00	-0.0903201	0.280385	0.294574
07/06/2017	17.00.00	-0.0981565	0.300193	0.315833
07/06/2017	18.00.00	-0.107088	0.321988	0.339329
07/06/2017	19.00.00	-0.115337	0.341309	0.36027
07/06/2017	20.00.00	-0.120113	0.35181	0.371749
07/06/2017	21.00.00	-0.119049	0.348519	0.368291
07/06/2017	22.00.00	-0.112784	0.333247	0.351815
07/06/2017	23.00.00	-0.104907	0.314319	0.331363
08/06/2017	00.00.00	-0.099076	0.30044	0.316354

08/06/2017	01.00.00	-0.0971192	0.296181	0.311697
08/06/2017	02.00.00	-0.0992733	0.302087	0.31798
08/06/2017	03.00.00	-0.104913	0.316315	0.33326
08/06/2017	04.00.00	-0.112881	0.335616	0.354091
08/06/2017	05.00.00	-0.121528	0.355766	0.37595
08/06/2017	06.00.00	-0.128702	0.371808	0.393454
08/06/2017	07.00.00	-0.13183	0.37821	0.400527
08/06/2017	08.00.00	-0.128734	0.370404	0.392138
08/06/2017	09.00.00	-0.119273	0.347994	0.367866
08/06/2017	10.00.00	-0.106328	0.317042	0.334397
08/06/2017	11.00.00	-0.094126	0.287281	0.302308
08/06/2017	12.00.00	-0.0855158	0.26599	0.279398
08/06/2017	13.00.00	-0.0813963	0.255995	0.268624
08/06/2017	14.00.00	-0.0815107	0.256946	0.269565
08/06/2017	15.00.00	-0.0851602	0.26692	0.280176
08/06/2017	16.00.00	-0.0915343	0.28352	0.29793
08/06/2017	17.00.00	-0.0996798	0.303967	0.319894
08/06/2017	18.00.00	-0.108429	0.325147	0.34275
08/06/2017	19.00.00	-0.116234	0.343343	0.362484
08/06/2017	20.00.00	-0.121117	0.354173	0.37431
08/06/2017	21.00.00	-0.121226	0.353734	0.37393
08/06/2017	22.00.00	-0.116413	0.341953	0.361226
08/06/2017	23.00.00	-0.109027	0.324258	0.342096
09/06/2017	00.00.00	-0.102465	0.308615	0.32518
09/06/2017	01.00.00	-0.0991711	0.301046	0.31696
09/06/2017	02.00.00	-0.10001	0.303703	0.319746
09/06/2017	03.00.00	-0.104647	0.315527	0.332428
09/06/2017	04.00.00	-0.111817	0.332984	0.351256
09/06/2017	05.00.00	-0.119392	0.35067	0.370437
09/06/2017	06.00.00	-0.124788	0.362671	0.383539
09/06/2017	07.00.00	-0.125937	0.36467	0.385804
09/06/2017	08.00.00	-0.122068	0.355168	0.375559
09/06/2017	09.00.00	-0.113939	0.335733	0.35454
09/06/2017	10.00.00	-0.103486	0.310486	0.327278
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09/06/2017	13.00.00	-0.0814202	0.256055	0.268688
09/06/2017	14.00.00	-0.0813445	0.256488	0.269078
09/06/2017	15.00.00	-0.085014	0.266559	0.279787

09/06/2017	16.00.00	-0.0917899	0.284237	0.298691
09/06/2017	17.00.00	-0.100563	0.306225	0.322315
09/06/2017	18.00.00	-0.109718	0.328263	0.346114
09/06/2017	19.00.00	-0.1174	0.346026	0.3654
09/06/2017	20.00.00	-0.122024	0.356236	0.376556
09/06/2017	21.00.00	-0.122629	0.357062	0.377533
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10/06/2017	00.00.00	-0.10696	0.319501	0.33693
10/06/2017	01.00.00	-0.102885	0.309997	0.326624
10/06/2017	02.00.00	-0.102408	0.309364	0.325874
10/06/2017	03.00.00	-0.105733	0.317957	0.335076
10/06/2017	04.00.00	-0.111889	0.33301	0.351304
10/06/2017	05.00.00	-0.118641	0.348808	0.368433
10/06/2017	06.00.00	-0.122929	0.358258	0.378761
10/06/2017	07.00.00	-0.122438	0.356447	0.376889
10/06/2017	08.00.00	-0.11715	0.343612	0.363034
10/06/2017	09.00.00	-0.108895	0.323789	0.34161
10/06/2017	10.00.00	-0.0997614	0.30158	0.317652
10/06/2017	11.00.00	-0.0913486	0.280777	0.295263
10/06/2017	12.00.00	-0.0848527	0.264539	0.277815
10/06/2017	13.00.00	-0.081187	0.255496	0.268085
10/06/2017	14.00.00	-0.0809382	0.2554	0.267918
10/06/2017	15.00.00	-0.0842837	0.264635	0.277733
10/06/2017	16.00.00	-0.0909855	0.282217	0.296521
10/06/2017	17.00.00	-0.100144	0.305279	0.321285
10/06/2017	18.00.00	-0.109977	0.328983	0.346879
10/06/2017	19.00.00	-0.118106	0.347718	0.367228
10/06/2017	20.00.00	-0.122692	0.357755	0.378209
10/06/2017	21.00.00	-0.123354	0.358755	0.379369
10/06/2017	22.00.00	-0.120895	0.352721	0.372864
10/06/2017	23.00.00	-0.11652	0.342343	0.361629
11/06/2017	00.00.00	-0.111647	0.330851	0.349181
11/06/2017	01.00.00	-0.10787	0.322039	0.339625
11/06/2017	02.00.00	-0.106623	0.319428	0.336753
11/06/2017	03.00.00	-0.108602	0.324632	0.342316
11/06/2017	04.00.00	-0.113382	0.336335	0.354932
11/06/2017	05.00.00	-0.119078	0.349678	0.369397
11/06/2017	06.00.00	-0.122532	0.357227	0.377658

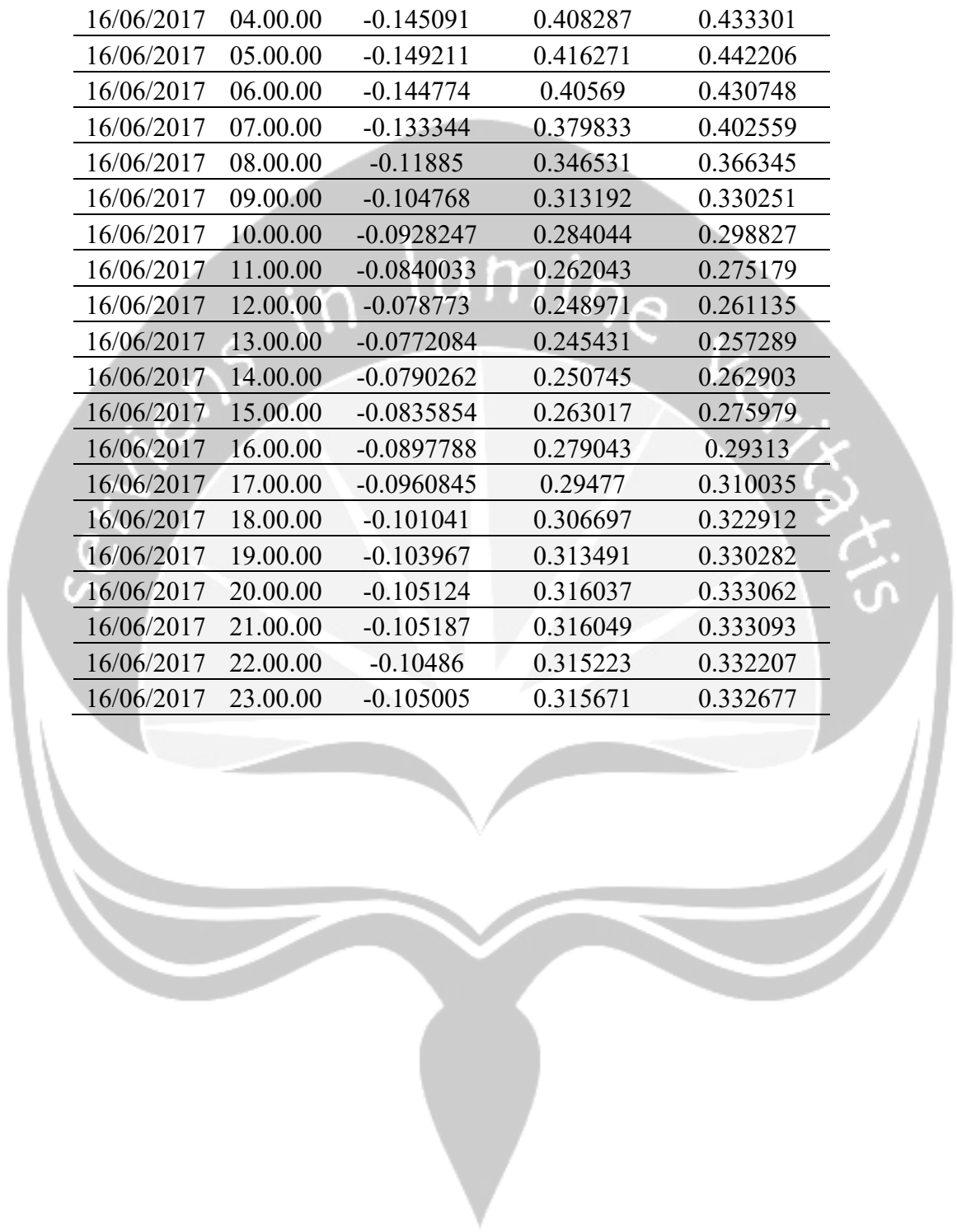


11/06/2017	07.00.00	-0.120974	0.352921	0.373079
11/06/2017	08.00.00	-0.11434	0.336852	0.355729
11/06/2017	09.00.00	-0.105179	0.314759	0.331867
11/06/2017	10.00.00	-0.0962116	0.292864	0.308263
11/06/2017	11.00.00	-0.0888618	0.274646	0.288664
11/06/2017	12.00.00	-0.0836086	0.261509	0.274549
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11/06/2017	15.00.00	-0.0834652	0.262454	0.275406
11/06/2017	16.00.00	-0.0895971	0.278629	0.29268
11/06/2017	17.00.00	-0.0984763	0.301165	0.316856
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11/06/2017	21.00.00	-0.1233	0.358652	0.379255
11/06/2017	22.00.00	-0.121329	0.353811	0.374036
11/06/2017	23.00.00	-0.11833	0.346773	0.366406
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12/06/2017	01.00.00	-0.113151	0.334783	0.353387
12/06/2017	02.00.00	-0.112307	0.332999	0.351427
12/06/2017	03.00.00	-0.113508	0.336131	0.354779
12/06/2017	04.00.00	-0.116805	0.344133	0.363416
12/06/2017	05.00.00	-0.120961	0.353821	0.373926
12/06/2017	06.00.00	-0.123286	0.358812	0.379401
12/06/2017	07.00.00	-0.120908	0.352661	0.372812
12/06/2017	08.00.00	-0.113318	0.334313	0.352996
12/06/2017	09.00.00	-0.103124	0.309646	0.326367
12/06/2017	10.00.00	-0.0935897	0.28627	0.30118
12/06/2017	11.00.00	-0.086462	0.268581	0.282155
12/06/2017	12.00.00	-0.0820151	0.257513	0.270258
12/06/2017	13.00.00	-0.0799893	0.252613	0.264974
12/06/2017	14.00.00	-0.0802547	0.253679	0.266071
12/06/2017	15.00.00	-0.0829531	0.261085	0.273946
12/06/2017	16.00.00	-0.0883288	0.275287	0.28911
12/06/2017	17.00.00	-0.0962898	0.295632	0.310918
12/06/2017	18.00.00	-0.105866	0.31917	0.336269
12/06/2017	19.00.00	-0.114865	0.34032	0.359182
12/06/2017	20.00.00	-0.120627	0.353163	0.373196
12/06/2017	21.00.00	-0.122039	0.355829	0.376175



12/06/2017	22.00.00	-0.120513	0.351993	0.372051
12/06/2017	23.00.00	-0.118444	0.347185	0.366833
13/06/2017	00.00.00	-0.117315	0.344703	0.36412
13/06/2017	01.00.00	-0.117387	0.345026	0.364449
13/06/2017	02.00.00	-0.118387	0.347471	0.367086
13/06/2017	03.00.00	-0.120134	0.351619	0.371575
13/06/2017	04.00.00	-0.122517	0.357186	0.377614
13/06/2017	05.00.00	-0.124863	0.362509	0.38341
13/06/2017	06.00.00	-0.125388	0.36339	0.384414
13/06/2017	07.00.00	-0.121837	0.354669	0.375013
13/06/2017	08.00.00	-0.113496	0.334644	0.353367
13/06/2017	09.00.00	-0.102501	0.308029	0.324636
13/06/2017	10.00.00	-0.0921863	0.282651	0.297304
13/06/2017	11.00.00	-0.084685	0.263983	0.277234
13/06/2017	12.00.00	-0.0804555	0.253504	0.265965
13/06/2017	13.00.00	-0.0790739	0.250328	0.26252
13/06/2017	14.00.00	-0.0799823	0.253067	0.265406
13/06/2017	15.00.00	-0.0828691	0.260885	0.27373
13/06/2017	16.00.00	-0.0877162	0.273627	0.287343
13/06/2017	17.00.00	-0.094522	0.291048	0.306012
13/06/2017	18.00.00	-0.102786	0.311537	0.328056
13/06/2017	19.00.00	-0.111019	0.331182	0.349295
13/06/2017	20.00.00	-0.116969	0.344742	0.364045
13/06/2017	21.00.00	-0.119137	0.349236	0.368998
13/06/2017	22.00.00	-0.118314	0.346983	0.366599
13/06/2017	23.00.00	-0.116944	0.343798	0.363143
14/06/2017	00.00.00	-0.117109	0.344425	0.36379
14/06/2017	01.00.00	-0.119434	0.350116	0.369927
14/06/2017	02.00.00	-0.12325	0.35907	0.379633
14/06/2017	03.00.00	-0.127266	0.368207	0.38958
14/06/2017	04.00.00	-0.130236	0.374737	0.396723
14/06/2017	05.00.00	-0.131249	0.376732	0.39894
14/06/2017	06.00.00	-0.129437	0.372264	0.394125
14/06/2017	07.00.00	-0.123861	0.359092	0.379853
14/06/2017	08.00.00	-0.114406	0.336666	0.355574
14/06/2017	09.00.00	-0.102792	0.308653	0.325319
14/06/2017	10.00.00	-0.0918534	0.281723	0.296319
14/06/2017	11.00.00	-0.0837749	0.261559	0.274648
14/06/2017	12.00.00	-0.0793016	0.250466	0.262721

14/06/2017	13.00.00	-0.0781576	0.247977	0.260002
14/06/2017	14.00.00	-0.0796545	0.252313	0.264588
14/06/2017	15.00.00	-0.083084	0.261522	0.274402
14/06/2017	16.00.00	-0.087921	0.274126	0.287881
14/06/2017	17.00.00	-0.0938498	0.289208	0.304055
14/06/2017	18.00.00	-0.100521	0.305762	0.321861
14/06/2017	19.00.00	-0.107125	0.32168	0.339048
14/06/2017	20.00.00	-0.112266	0.333635	0.352017
14/06/2017	21.00.00	-0.114708	0.338972	0.357854
14/06/2017	22.00.00	-0.114656	0.338545	0.357433
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15/06/2017	00.00.00	-0.114974	0.339561	0.358498
15/06/2017	01.00.00	-0.118868	0.34906	0.368745
15/06/2017	02.00.00	-0.125438	0.364484	0.385465
15/06/2017	03.00.00	-0.13293	0.381396	0.403898
15/06/2017	04.00.00	-0.138577	0.393562	0.417246
15/06/2017	05.00.00	-0.139886	0.395834	0.419825
15/06/2017	06.00.00	-0.135961	0.386542	0.409757
15/06/2017	07.00.00	-0.127517	0.367091	0.388609
15/06/2017	08.00.00	-0.116077	0.340398	0.359645
15/06/2017	09.00.00	-0.103576	0.310474	0.327296
15/06/2017	10.00.00	-0.0921999	0.282544	0.297206
15/06/2017	11.00.00	-0.0836529	0.261179	0.274249
15/06/2017	12.00.00	-0.0787556	0.248979	0.261137
15/06/2017	13.00.00	-0.0774813	0.24619	0.258095
15/06/2017	14.00.00	-0.0792941	0.251434	0.263641
15/06/2017	15.00.00	-0.0833726	0.262377	0.275305
15/06/2017	16.00.00	-0.0887415	0.276283	0.290185
15/06/2017	17.00.00	-0.0944677	0.290686	0.305651
15/06/2017	18.00.00	-0.0998667	0.303934	0.319921
15/06/2017	19.00.00	-0.104487	0.315029	0.331905
15/06/2017	20.00.00	-0.107878	0.322975	0.340516
15/06/2017	21.00.00	-0.109624	0.326894	0.344785
15/06/2017	22.00.00	-0.109882	0.327319	0.345271
15/06/2017	23.00.00	-0.109846	0.327244	0.345188
16/06/2017	00.00.00	-0.11137	0.331138	0.349364
16/06/2017	01.00.00	-0.116044	0.342619	0.361738
16/06/2017	02.00.00	-0.124392	0.362398	0.383152
16/06/2017	03.00.00	-0.135229	0.387008	0.409954



16/06/2017	04.00.00	-0.145091	0.408287	0.433301
16/06/2017	05.00.00	-0.149211	0.416271	0.442206
16/06/2017	06.00.00	-0.144774	0.40569	0.430748
16/06/2017	07.00.00	-0.133344	0.379833	0.402559
16/06/2017	08.00.00	-0.11885	0.346531	0.366345
16/06/2017	09.00.00	-0.104768	0.313192	0.330251
16/06/2017	10.00.00	-0.0928247	0.284044	0.298827
16/06/2017	11.00.00	-0.0840033	0.262043	0.275179
16/06/2017	12.00.00	-0.078773	0.248971	0.261135
16/06/2017	13.00.00	-0.0772084	0.245431	0.257289
16/06/2017	14.00.00	-0.0790262	0.250745	0.262903
16/06/2017	15.00.00	-0.0835854	0.263017	0.275979
16/06/2017	16.00.00	-0.0897788	0.279043	0.29313
16/06/2017	17.00.00	-0.0960845	0.29477	0.310035
16/06/2017	18.00.00	-0.101041	0.306697	0.322912
16/06/2017	19.00.00	-0.103967	0.313491	0.330282
16/06/2017	20.00.00	-0.105124	0.316037	0.333062
16/06/2017	21.00.00	-0.105187	0.316049	0.333093
16/06/2017	22.00.00	-0.10486	0.315223	0.332207
16/06/2017	23.00.00	-0.105005	0.315671	0.332677

Lampiran 14.

**Report of Depth Averaged Velocity
PLTGU Muara Karang CCPP 400-500 MW**

SKENARIO I		Location : Kanal Intake		
Date	Time	X component of depth averaged velocity (m/s)	Y component of depth averaged velocity (m/s)	magnitude of depth averaged velocity (m/s)
02/06/2017	00.00.00	0	0	0
02/06/2017	01.00.00	-0.0302647	-0.0948637	0.0995745
02/06/2017	02.00.00	-0.0287001	-0.0759417	0.081184
02/06/2017	03.00.00	-0.0287515	-0.0736748	0.0790862
02/06/2017	04.00.00	-0.0272319	-0.0775671	0.0822084
02/06/2017	05.00.00	-0.0273582	-0.083151	0.0875361
02/06/2017	06.00.00	-0.0279417	-0.089245	0.0935169
02/06/2017	07.00.00	-0.0273861	-0.0941238	0.0980269
02/06/2017	08.00.00	-0.025641	-0.095847	0.0992175
02/06/2017	09.00.00	-0.023779	-0.095566	0.0984799
02/06/2017	10.00.00	-0.0222015	-0.0921608	0.0947973
02/06/2017	11.00.00	-0.0213341	-0.0862447	0.0888442
02/06/2017	12.00.00	-0.0210746	-0.0783707	0.0811549
02/06/2017	13.00.00	-0.0211203	-0.0701467	0.0732573
02/06/2017	14.00.00	-0.0210563	-0.0636788	0.0670698
02/06/2017	15.00.00	-0.0209136	-0.0604662	0.0639808
02/06/2017	16.00.00	-0.0212472	-0.0609304	0.0645287
02/06/2017	17.00.00	-0.0223337	-0.0647334	0.0684778
02/06/2017	18.00.00	-0.0237814	-0.0705316	0.074433
02/06/2017	19.00.00	-0.0248806	-0.0762437	0.0802007
02/06/2017	20.00.00	-0.0252416	-0.0800462	0.0839318
02/06/2017	21.00.00	-0.0249717	-0.081392	0.0851366
02/06/2017	22.00.00	-0.0244434	-0.0808164	0.0844321
02/06/2017	23.00.00	-0.0239569	-0.0789103	0.0824667
03/06/2017	00.00.00	-0.0236194	-0.0759357	0.0795242
03/06/2017	01.00.00	-0.0234292	-0.0723254	0.0760256
03/06/2017	02.00.00	-0.0234078	-0.069145	0.0729997
03/06/2017	03.00.00	-0.0237258	-0.0679934	0.072014

03/06/2017	04.00.00	-0.0246958	-0.0702299	0.0744454
03/06/2017	05.00.00	-0.0263245	-0.0763662	0.0807761
03/06/2017	06.00.00	-0.0278143	-0.0850039	0.0894388
03/06/2017	07.00.00	-0.0280511	-0.0932627	0.0973899
03/06/2017	08.00.00	-0.026677	-0.0983123	0.101867
03/06/2017	09.00.00	-0.0241879	-0.0981604	0.101097
03/06/2017	10.00.00	-0.0223182	-0.0947641	0.0973567
03/06/2017	11.00.00	-0.0212532	-0.0883709	0.0908907
03/06/2017	12.00.00	-0.0209666	-0.0802673	0.0829605
03/06/2017	13.00.00	-0.0210781	-0.0719234	0.0749484
03/06/2017	14.00.00	-0.0211019	-0.0649993	0.0683388
03/06/2017	15.00.00	-0.0209185	-0.0608196	0.0643165
03/06/2017	16.00.00	-0.0210187	-0.0600515	0.0636237
03/06/2017	17.00.00	-0.0219165	-0.0629346	0.0666416
03/06/2017	18.00.00	-0.0234729	-0.0688502	0.0727415
03/06/2017	19.00.00	-0.0249279	-0.0758432	0.0798348
03/06/2017	20.00.00	-0.0255303	-0.0812578	0.0851741
03/06/2017	21.00.00	-0.0251783	-0.0833277	0.0870486
03/06/2017	22.00.00	-0.0243954	-0.0822547	0.0857961
03/06/2017	23.00.00	-0.023739	-0.0793884	0.0828617
04/06/2017	00.00.00	-0.0233779	-0.0758579	0.0793785
04/06/2017	01.00.00	-0.0232216	-0.072281	0.0759196
04/06/2017	02.00.00	-0.0232052	-0.0691698	0.0729585
04/06/2017	03.00.00	-0.0234097	-0.0674682	0.0714141
04/06/2017	04.00.00	-0.024138	-0.0684334	0.0725656
04/06/2017	05.00.00	-0.0255717	-0.0731292	0.0774713
04/06/2017	06.00.00	-0.0273387	-0.0813139	0.0857867
04/06/2017	07.00.00	-0.0282754	-0.0907243	0.0950284
04/06/2017	08.00.00	-0.0274027	-0.097792	0.101559
04/06/2017	09.00.00	-0.0252099	-0.100303	0.103423
04/06/2017	10.00.00	-0.0226946	-0.0968951	0.0995174
04/06/2017	11.00.00	-0.0213437	-0.0901702	0.0926619
04/06/2017	12.00.00	-0.0209856	-0.0816697	0.0843228
04/06/2017	13.00.00	-0.0211251	-0.0733007	0.0762841
04/06/2017	14.00.00	-0.0212202	-0.0664985	0.0698022
04/06/2017	15.00.00	-0.0210852	-0.0620594	0.0655435
04/06/2017	16.00.00	-0.0210684	-0.0604418	0.0640085
04/06/2017	17.00.00	-0.0217108	-0.0621096	0.0657948
04/06/2017	18.00.00	-0.0231331	-0.0671929	0.0710636

04/06/2017	19.00.00	-0.0247838	-0.0744905	0.0785053
04/06/2017	20.00.00	-0.0257321	-0.081342	0.0853151
04/06/2017	21.00.00	-0.0255053	-0.0849164	0.088664
04/06/2017	22.00.00	-0.0245397	-0.0842586	0.0877593
04/06/2017	23.00.00	-0.0236478	-0.0807049	0.0840981
05/06/2017	00.00.00	-0.023187	-0.076238	0.079686
05/06/2017	01.00.00	-0.023037	-0.0722574	0.0758408
05/06/2017	02.00.00	-0.023054	-0.0692958	0.0730301
05/06/2017	03.00.00	-0.0232492	-0.0676634	0.0715462
05/06/2017	04.00.00	-0.0238145	-0.0679841	0.0720345
05/06/2017	05.00.00	-0.0249766	-0.0712923	0.0755409
05/06/2017	06.00.00	-0.0266164	-0.0780059	0.0824218
05/06/2017	07.00.00	-0.0279429	-0.0870819	0.0914553
05/06/2017	08.00.00	-0.0277743	-0.0954551	0.0994137
05/06/2017	09.00.00	-0.0259785	-0.0999989	0.103318
05/06/2017	10.00.00	-0.0232545	-0.0979973	0.100719
05/06/2017	11.00.00	-0.0215773	-0.0916377	0.0941438
05/06/2017	12.00.00	-0.0210645	-0.082749	0.085388
05/06/2017	13.00.00	-0.0211978	-0.0741119	0.0770839
05/06/2017	14.00.00	-0.0213467	-0.0675183	0.0708125
05/06/2017	15.00.00	-0.0212931	-0.063389	0.0668697
05/06/2017	16.00.00	-0.0212888	-0.0616395	0.0652123
05/06/2017	17.00.00	-0.021765	-0.0624698	0.0661528
05/06/2017	18.00.00	-0.0229382	-0.0663493	0.0702025
05/06/2017	19.00.00	-0.024539	-0.0729515	0.0769681
05/06/2017	20.00.00	-0.02575	-0.0803597	0.0843845
05/06/2017	21.00.00	-0.0258159	-0.0854964	0.089309
05/06/2017	22.00.00	-0.0248461	-0.0861517	0.089663
05/06/2017	23.00.00	-0.0237261	-0.0827272	0.0860623
06/06/2017	00.00.00	-0.0230883	-0.0774328	0.0808017
06/06/2017	01.00.00	-0.0228926	-0.0725794	0.0761041
06/06/2017	02.00.00	-0.0229204	-0.069373	0.0730613
06/06/2017	03.00.00	-0.02315	-0.0679884	0.0718216
06/06/2017	04.00.00	-0.0236822	-0.0683601	0.0723461
06/06/2017	05.00.00	-0.0246338	-0.0708581	0.075018
06/06/2017	06.00.00	-0.02599	-0.0760601	0.0803779
06/06/2017	07.00.00	-0.027294	-0.0837282	0.0880646
06/06/2017	08.00.00	-0.027607	-0.0919486	0.0960036
06/06/2017	09.00.00	-0.0262687	-0.097382	0.100863

06/06/2017	10.00.00	-0.0238942	-0.097657	0.100538
06/06/2017	11.00.00	-0.0219516	-0.0924155	0.0949868
06/06/2017	12.00.00	-0.0212015	-0.0836348	0.0862802
06/06/2017	13.00.00	-0.0212647	-0.0745848	0.077557
06/06/2017	14.00.00	-0.0214378	-0.0678811	0.0711859
06/06/2017	15.00.00	-0.0214558	-0.0641512	0.0676441
06/06/2017	16.00.00	-0.0215396	-0.062861	0.0664489
06/06/2017	17.00.00	-0.0219974	-0.0635948	0.0672918
06/06/2017	18.00.00	-0.0229748	-0.0665971	0.0704487
06/06/2017	19.00.00	-0.0243656	-0.0720272	0.0760368
06/06/2017	20.00.00	-0.025623	-0.0789506	0.0830044
06/06/2017	21.00.00	-0.0259911	-0.0849192	0.0888077
06/06/2017	22.00.00	-0.0252196	-0.0871888	0.0907629
06/06/2017	23.00.00	-0.0239893	-0.0848413	0.0881677
07/06/2017	00.00.00	-0.0231404	-0.0794263	0.0827285
07/06/2017	01.00.00	-0.0228356	-0.0736501	0.0771091
07/06/2017	02.00.00	-0.0228273	-0.0696831	0.0733269
07/06/2017	03.00.00	-0.023066	-0.0682053	0.072
07/06/2017	04.00.00	-0.0236239	-0.0689044	0.0728416
07/06/2017	05.00.00	-0.0245038	-0.0713863	0.0754748
07/06/2017	06.00.00	-0.025612	-0.0756518	0.0798697
07/06/2017	07.00.00	-0.026647	-0.0816679	0.0859052
07/06/2017	08.00.00	-0.0270721	-0.0885849	0.0926293
07/06/2017	09.00.00	-0.0262474	-0.0941276	0.0977186
07/06/2017	10.00.00	-0.0243007	-0.0956638	0.098702
07/06/2017	11.00.00	-0.022395	-0.0920686	0.0947532
07/06/2017	12.00.00	-0.0214246	-0.0841656	0.0868496
07/06/2017	13.00.00	-0.0213408	-0.0749978	0.077975
07/06/2017	14.00.00	-0.0214762	-0.0678876	0.0712037
07/06/2017	15.00.00	-0.0215176	-0.0641867	0.0676975
07/06/2017	16.00.00	-0.0217003	-0.0634263	0.0670358
07/06/2017	17.00.00	-0.0222559	-0.0646897	0.0684111
07/06/2017	18.00.00	-0.0231852	-0.0675679	0.0714351
07/06/2017	19.00.00	-0.0243697	-0.0720688	0.0760775
07/06/2017	20.00.00	-0.0254868	-0.0779013	0.0819645
07/06/2017	21.00.00	-0.0260055	-0.0836536	0.0876026
07/06/2017	22.00.00	-0.0255284	-0.0870228	0.0906899
07/06/2017	23.00.00	-0.0243831	-0.0862592	0.0896392
08/06/2017	00.00.00	-0.0233775	-0.0816914	0.0849705


08/06/2017	01.00.00	-0.0229141	-0.0755672	0.0789649
08/06/2017	02.00.00	-0.0228279	-0.0706636	0.0742594
08/06/2017	03.00.00	-0.0230195	-0.0685435	0.0723057
08/06/2017	04.00.00	-0.0235771	-0.0692891	0.0731905
08/06/2017	05.00.00	-0.0244665	-0.0721344	0.0761707
08/06/2017	06.00.00	-0.0254243	-0.0762751	0.0804008
08/06/2017	07.00.00	-0.0261956	-0.0811852	0.0853068
08/06/2017	08.00.00	-0.0264506	-0.0864079	0.0903657
08/06/2017	09.00.00	-0.0258527	-0.0908559	0.0944625
08/06/2017	10.00.00	-0.0244038	-0.0926906	0.0958493
08/06/2017	11.00.00	-0.0227524	-0.0904686	0.0932858
08/06/2017	12.00.00	-0.0217055	-0.0840089	0.0867677
08/06/2017	13.00.00	-0.0214504	-0.0753989	0.0783908
08/06/2017	14.00.00	-0.021492	-0.0679663	0.0712834
08/06/2017	15.00.00	-0.0214929	-0.0638446	0.0673653
08/06/2017	16.00.00	-0.0217089	-0.0631777	0.0668034
08/06/2017	17.00.00	-0.0223928	-0.0650553	0.0688014
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08/06/2017	19.00.00	-0.0245253	-0.0727892	0.0768099
08/06/2017	20.00.00	-0.0254574	-0.0776446	0.0817114
08/06/2017	21.00.00	-0.0259405	-0.0824513	0.0864357
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09/06/2017	00.00.00	-0.0237761	-0.0834192	0.0867414
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09/06/2017	02.00.00	-0.0229696	-0.0725104	0.0760616
09/06/2017	03.00.00	-0.0230709	-0.0694705	0.0732013
09/06/2017	04.00.00	-0.0235584	-0.0696913	0.0735654
09/06/2017	05.00.00	-0.0244382	-0.0726873	0.0766855
09/06/2017	06.00.00	-0.025375	-0.0771949	0.0812585
09/06/2017	07.00.00	-0.0259583	-0.0818439	0.0858619
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09/06/2017	09.00.00	-0.0252944	-0.0885754	0.0921162
09/06/2017	10.00.00	-0.0241563	-0.0896015	0.0928006
09/06/2017	11.00.00	-0.0228844	-0.0879116	0.0908413
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09/06/2017	13.00.00	-0.0215967	-0.0755277	0.0785548
09/06/2017	14.00.00	-0.0215268	-0.0683079	0.0716196
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09/06/2017	16.00.00	-0.0216043	-0.0625385	0.0661651
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09/06/2017	20.00.00	-0.0255457	-0.0780063	0.0820827
09/06/2017	21.00.00	-0.0259016	-0.0818255	0.0858272
09/06/2017	22.00.00	-0.0257184	-0.0845823	0.0884059
09/06/2017	23.00.00	-0.0250651	-0.0855594	0.0891554
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10/06/2017	10.00.00	-0.0237286	-0.0873827	0.0905471
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10/06/2017	13.00.00	-0.0217365	-0.0750244	0.0781097
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10/06/2017	18.00.00	-0.0233876	-0.0678855	0.0718013
10/06/2017	19.00.00	-0.0247427	-0.0733622	0.0774223
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11/06/2017	04.00.00	-0.0238768	-0.0724013	0.0762368
11/06/2017	05.00.00	-0.0244904	-0.0740718	0.0780155
11/06/2017	06.00.00	-0.0253065	-0.0784075	0.0823902

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11/06/2017	15.00.00	-0.0215131	-0.0646471	0.0681327
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11/06/2017	17.00.00	-0.0219811	-0.0631465	0.0668629
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13/06/2017	16.00.00	-0.0217456	-0.064446	0.0680158
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13/06/2017	19.00.00	-0.0239107	-0.0704364	0.0743842
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13/06/2017	23.00.00	-0.0250367	-0.0806364	0.0844338
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14/06/2017	01.00.00	-0.0245755	-0.0764397	0.0802931
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14/06/2017	06.00.00	-0.0258901	-0.0838351	0.0877417
14/06/2017	07.00.00	-0.0256994	-0.0867634	0.0904895
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14/06/2017	09.00.00	-0.0238874	-0.0907817	0.0938719
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14/06/2017	11.00.00	-0.021681	-0.0833039	0.0860791
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14/06/2017	15.00.00	-0.0215507	-0.0644955	0.0680008
14/06/2017	16.00.00	-0.021853	-0.0649613	0.0685385
14/06/2017	17.00.00	-0.0223537	-0.0662519	0.0699214
14/06/2017	18.00.00	-0.0230121	-0.0681655	0.0719451
14/06/2017	19.00.00	-0.0238029	-0.0709676	0.074853
14/06/2017	20.00.00	-0.0246026	-0.0746232	0.0785742
14/06/2017	21.00.00	-0.0251319	-0.0781782	0.0821185
14/06/2017	22.00.00	-0.02517	-0.0801117	0.0839726
14/06/2017	23.00.00	-0.0248283	-0.0794911	0.0832784
15/06/2017	00.00.00	-0.0244718	-0.0769852	0.0807811
15/06/2017	01.00.00	-0.024369	-0.0744968	0.0783813
15/06/2017	02.00.00	-0.0246365	-0.0738029	0.0778064
15/06/2017	03.00.00	-0.0252665	-0.0755616	0.079674
15/06/2017	04.00.00	-0.0260313	-0.0791651	0.0833351
15/06/2017	05.00.00	-0.0265365	-0.0833129	0.087437
15/06/2017	06.00.00	-0.0265198	-0.0868932	0.09085
15/06/2017	07.00.00	-0.0259629	-0.089535	0.0932233
15/06/2017	08.00.00	-0.0250243	-0.0913547	0.0947201
15/06/2017	09.00.00	-0.0237139	-0.0914836	0.0945072
15/06/2017	10.00.00	-0.0224614	-0.0893493	0.0921293
15/06/2017	11.00.00	-0.0215929	-0.0840765	0.0868051
15/06/2017	12.00.00	-0.0212909	-0.0766144	0.0795177
15/06/2017	13.00.00	-0.0213094	-0.0694147	0.072612
15/06/2017	14.00.00	-0.0213113	-0.0647585	0.068175
15/06/2017	15.00.00	-0.0214078	-0.0633966	0.0669135
15/06/2017	16.00.00	-0.0218523	-0.064657	0.0682499
15/06/2017	17.00.00	-0.0225772	-0.0672923	0.0709787
15/06/2017	18.00.00	-0.0233244	-0.0701656	0.0739408
15/06/2017	19.00.00	-0.0239404	-0.0727738	0.0766105
15/06/2017	20.00.00	-0.0244031	-0.0751634	0.0790256
15/06/2017	21.00.00	-0.0246772	-0.0772859	0.08113
15/06/2017	22.00.00	-0.0246927	-0.0785043	0.0822962
15/06/2017	23.00.00	-0.0244698	-0.077981	0.0817301
16/06/2017	00.00.00	-0.0241984	-0.075693	0.079467
16/06/2017	01.00.00	-0.0240838	-0.0729007	0.076776
16/06/2017	02.00.00	-0.0242917	-0.0714818	0.0754966
16/06/2017	03.00.00	-0.0249987	-0.0729131	0.0770795



16/06/2017	04.00.00	-0.0261105	-0.0773069	0.0815972
16/06/2017	05.00.00	-0.0270929	-0.083377	0.0876684
16/06/2017	06.00.00	-0.0272977	-0.0890607	0.0931503
16/06/2017	07.00.00	-0.026513	-0.0927193	0.0964355
16/06/2017	08.00.00	-0.0250545	-0.093912	0.0971967
16/06/2017	09.00.00	-0.0235561	-0.0930425	0.0959781
16/06/2017	10.00.00	-0.0222989	-0.08998	0.0927019
16/06/2017	11.00.00	-0.0215206	-0.0845633	0.0872588
16/06/2017	12.00.00	-0.0212533	-0.0772316	0.0801026
16/06/2017	13.00.00	-0.0212724	-0.0697772	0.0729478
16/06/2017	14.00.00	-0.0212385	-0.0644073	0.0678187
16/06/2017	15.00.00	-0.0212598	-0.0624009	0.0659231
16/06/2017	16.00.00	-0.0217368	-0.0637126	0.0673185
16/06/2017	17.00.00	-0.0226802	-0.067372	0.0710872
16/06/2017	18.00.00	-0.0236609	-0.0717399	0.075541
16/06/2017	19.00.00	-0.0242754	-0.0752289	0.0790486
16/06/2017	20.00.00	-0.0244643	-0.0771596	0.0809451
16/06/2017	21.00.00	-0.0243876	-0.0778165	0.0815485
16/06/2017	22.00.00	-0.0242032	-0.0775968	0.0812838
16/06/2017	23.00.00	-0.0239959	-0.0764499	0.0801273

Lampiran 15.

**Report of Depth Averaged Velocity
PLTGU Muara Karang CCPP 400-500 MW**

SKENARIO III		Location :		100 m from outfall
Date	Time	X component of depth averaged velocity (m/s)	Y component of depth averaged velocity (m/s)	magnitude of depth averaged velocity (m/s)
02/06/2017	00.00.00	0	0	0
02/06/2017	01.00.00	-0.030444	0.0245756	0.0391255
02/06/2017	02.00.00	-0.0197656	0.0272366	0.0336528
02/06/2017	03.00.00	-0.0192943	0.0287339	0.0346108
02/06/2017	04.00.00	-0.0218549	0.0303448	0.0373958
02/06/2017	05.00.00	-0.0225497	0.0310817	0.0384
02/06/2017	06.00.00	-0.0218855	0.0309865	0.037936
02/06/2017	07.00.00	-0.0217484	0.0289882	0.0362396
02/06/2017	08.00.00	-0.022605	0.0253158	0.0339393
02/06/2017	09.00.00	-0.0246955	0.0206207	0.0321727
02/06/2017	10.00.00	-0.0274449	0.0161487	0.0318434
02/06/2017	11.00.00	-0.0303281	0.0125684	0.0328292
02/06/2017	12.00.00	-0.0328897	0.0102754	0.0344575
02/06/2017	13.00.00	-0.0347671	0.00950878	0.036044
02/06/2017	14.00.00	-0.0355635	0.0103569	0.0370409
02/06/2017	15.00.00	-0.0349052	0.0125962	0.0371084
02/06/2017	16.00.00	-0.032774	0.0156329	0.0363115
02/06/2017	17.00.00	-0.0298144	0.0186725	0.035179
02/06/2017	18.00.00	-0.0270937	0.0210046	0.0342821
02/06/2017	19.00.00	-0.0254133	0.022201	0.0337449
02/06/2017	20.00.00	-0.0249847	0.0222071	0.0334274
02/06/2017	21.00.00	-0.0255623	0.0213332	0.0332947
02/06/2017	22.00.00	-0.026699	0.0200838	0.0334095
02/06/2017	23.00.00	-0.0279831	0.0189692	0.0338066
03/06/2017	00.00.00	-0.0291724	0.018399	0.0344899
03/06/2017	01.00.00	-0.030052	0.0187093	0.0354
03/06/2017	02.00.00	-0.0302778	0.0201359	0.0363621
03/06/2017	03.00.00	-0.0294909	0.022706	0.0372193

03/06/2017	04.00.00	-0.0277202	0.0260463	0.038037
03/06/2017	05.00.00	-0.0255305	0.0292695	0.0388395
03/06/2017	06.00.00	-0.023631	0.0309836	0.0389667
03/06/2017	07.00.00	-0.0224996	0.0301011	0.0375807
03/06/2017	08.00.00	-0.0226824	0.0266114	0.0349665
03/06/2017	09.00.00	-0.0244583	0.021685	0.0326871
03/06/2017	10.00.00	-0.0274936	0.016649	0.0321416
03/06/2017	11.00.00	-0.0306282	0.0126174	0.0331253
03/06/2017	12.00.00	-0.0332424	0.0100716	0.0347346
03/06/2017	13.00.00	-0.0350669	0.00910875	0.0362306
03/06/2017	14.00.00	-0.0359277	0.00972985	0.0372219
03/06/2017	15.00.00	-0.0355584	0.0117773	0.037458
03/06/2017	16.00.00	-0.0337815	0.0148017	0.0368819
03/06/2017	17.00.00	-0.030891	0.0180897	0.0357979
03/06/2017	18.00.00	-0.0277807	0.0208657	0.034744
03/06/2017	19.00.00	-0.025463	0.0224847	0.0339695
03/06/2017	20.00.00	-0.0245268	0.0226316	0.033373
03/06/2017	21.00.00	-0.02502	0.0215251	0.033005
03/06/2017	22.00.00	-0.0265126	0.0198267	0.0331062
03/06/2017	23.00.00	-0.0282659	0.018308	0.0336771
04/06/2017	00.00.00	-0.0296905	0.0175195	0.034474
04/06/2017	01.00.00	-0.0305322	0.0177307	0.0353071
04/06/2017	02.00.00	-0.0306911	0.0190326	0.0361134
04/06/2017	03.00.00	-0.0300385	0.0214096	0.0368875
04/06/2017	04.00.00	-0.0285085	0.024647	0.0376857
04/06/2017	05.00.00	-0.026397	0.0281243	0.0385718
04/06/2017	06.00.00	-0.0242807	0.0306827	0.0391278
04/06/2017	07.00.00	-0.0226685	0.0309305	0.0383478
04/06/2017	08.00.00	-0.0221571	0.0282251	0.035883
04/06/2017	09.00.00	-0.0234434	0.0233036	0.0330553
04/06/2017	10.00.00	-0.0264452	0.0179793	0.0319782
04/06/2017	11.00.00	-0.0299692	0.0134711	0.0328577
04/06/2017	12.00.00	-0.0329182	0.0105716	0.0345741
04/06/2017	13.00.00	-0.0348415	0.00938541	0.0360834
04/06/2017	14.00.00	-0.035702	0.00978933	0.0370198
04/06/2017	15.00.00	-0.0354637	0.0115706	0.0373036
04/06/2017	16.00.00	-0.0340396	0.0143711	0.0369489
04/06/2017	17.00.00	-0.0315234	0.017623	0.036115
04/06/2017	18.00.00	-0.0284704	0.0206271	0.0351574

04/06/2017	19.00.00	-0.0257892	0.022661	0.0343308
04/06/2017	20.00.00	-0.0242833	0.0231614	0.0335578
04/06/2017	21.00.00	-0.0243616	0.022092	0.0328868
04/06/2017	22.00.00	-0.0258878	0.0200745	0.0327592
04/06/2017	23.00.00	-0.028076	0.0180796	0.0333936
05/06/2017	00.00.00	-0.0299582	0.0169134	0.0344029
05/06/2017	01.00.00	-0.0309763	0.0169299	0.0353009
05/06/2017	02.00.00	-0.0310626	0.0181164	0.0359595
05/06/2017	03.00.00	-0.030357	0.0203046	0.0365216
05/06/2017	04.00.00	-0.0289827	0.0232565	0.0371599
05/06/2017	05.00.00	-0.0271056	0.0265814	0.0379643
05/06/2017	06.00.00	-0.0250592	0.0294135	0.0386409
05/06/2017	07.00.00	-0.0232352	0.0305162	0.0383551
05/06/2017	08.00.00	-0.0222085	0.0288579	0.0364142
05/06/2017	09.00.00	-0.0227892	0.0247445	0.0336399
05/06/2017	10.00.00	-0.0254258	0.019283	0.0319109
05/06/2017	11.00.00	-0.0290851	0.014488	0.0324938
05/06/2017	12.00.00	-0.0324328	0.0112348	0.0343235
05/06/2017	13.00.00	-0.0345994	0.00984384	0.0359725
05/06/2017	14.00.00	-0.0354534	0.010122	0.03687
05/06/2017	15.00.00	-0.0351509	0.0117463	0.0370615
05/06/2017	16.00.00	-0.0338414	0.0143198	0.0367464
05/06/2017	17.00.00	-0.0316834	0.017372	0.0361334
05/06/2017	18.00.00	-0.0289811	0.0203591	0.0354175
05/06/2017	19.00.00	-0.0263221	0.0226421	0.0347206
05/06/2017	20.00.00	-0.0244449	0.0235525	0.0339452
05/06/2017	21.00.00	-0.0239768	0.022772	0.0330674
05/06/2017	22.00.00	-0.0251624	0.0206913	0.0325772
05/06/2017	23.00.00	-0.027494	0.0183064	0.0330309
06/06/2017	00.00.00	-0.0298552	0.0166625	0.0341902
06/06/2017	01.00.00	-0.0312885	0.0163386	0.0352976
06/06/2017	02.00.00	-0.0314814	0.0173558	0.0359486
06/06/2017	03.00.00	-0.0306589	0.0194069	0.036285
06/06/2017	04.00.00	-0.0292345	0.0221069	0.036652
06/06/2017	05.00.00	-0.0275182	0.0250705	0.0372261
06/06/2017	06.00.00	-0.0257033	0.0277014	0.0377892
06/06/2017	07.00.00	-0.0239854	0.0291475	0.0377475
06/06/2017	08.00.00	-0.022742	0.0283718	0.0363615
06/06/2017	09.00.00	-0.0227561	0.025023	0.0338229

06/06/2017	10.00.00	-0.0247254	0.0202845	0.0319813
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06/06/2017	12.00.00	-0.0317859	0.0119501	0.0339581
06/06/2017	13.00.00	-0.0342909	0.0103447	0.0358173
06/06/2017	14.00.00	-0.0352797	0.0105412	0.0368209
06/06/2017	15.00.00	-0.0348725	0.0121339	0.0369232
06/06/2017	16.00.00	-0.0334454	0.014602	0.036494
06/06/2017	17.00.00	-0.0314105	0.0174593	0.0359367
06/06/2017	18.00.00	-0.0290814	0.020269	0.0354479
06/06/2017	19.00.00	-0.0267512	0.0225651	0.0349973
06/06/2017	20.00.00	-0.0248609	0.0237581	0.0343877
06/06/2017	21.00.00	-0.0239915	0.0233742	0.0334954
06/06/2017	22.00.00	-0.0246362	0.0214985	0.0326975
06/06/2017	23.00.00	-0.0267195	0.0189532	0.0327591
07/06/2017	00.00.00	-0.0293255	0.0168708	0.033832
07/06/2017	01.00.00	-0.0312577	0.0160817	0.035152
07/06/2017	02.00.00	-0.0318152	0.0167968	0.0359769
07/06/2017	03.00.00	-0.0310254	0.0186936	0.036222
07/06/2017	04.00.00	-0.0294466	0.0212285	0.0363009
07/06/2017	05.00.00	-0.0276907	0.0238714	0.0365598
07/06/2017	06.00.00	-0.0260628	0.0261479	0.0369186
07/06/2017	07.00.00	-0.0246287	0.0274272	0.0368622
07/06/2017	08.00.00	-0.0235267	0.027055	0.0358536
07/06/2017	09.00.00	-0.0232994	0.0246046	0.0338858
07/06/2017	10.00.00	-0.0246165	0.0205657	0.0320768
07/06/2017	11.00.00	-0.0275616	0.0161546	0.031947
07/06/2017	12.00.00	-0.0310723	0.0126248	0.0335391
07/06/2017	13.00.00	-0.0338537	0.0108272	0.035543
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07/06/2017	15.00.00	-0.0347505	0.0125131	0.0369347
07/06/2017	16.00.00	-0.0331425	0.0150188	0.0363867
07/06/2017	17.00.00	-0.0309719	0.0178166	0.0357308
07/06/2017	18.00.00	-0.0287983	0.020457	0.0353246
07/06/2017	19.00.00	-0.0268526	0.0226055	0.0351009
07/06/2017	20.00.00	-0.0252554	0.0238616	0.034745
07/06/2017	21.00.00	-0.0243084	0.0238009	0.0340203
07/06/2017	22.00.00	-0.0244887	0.0222945	0.0331171
07/06/2017	23.00.00	-0.0260528	0.0198705	0.0327656
08/06/2017	00.00.00	-0.0285153	0.0175441	0.0334801

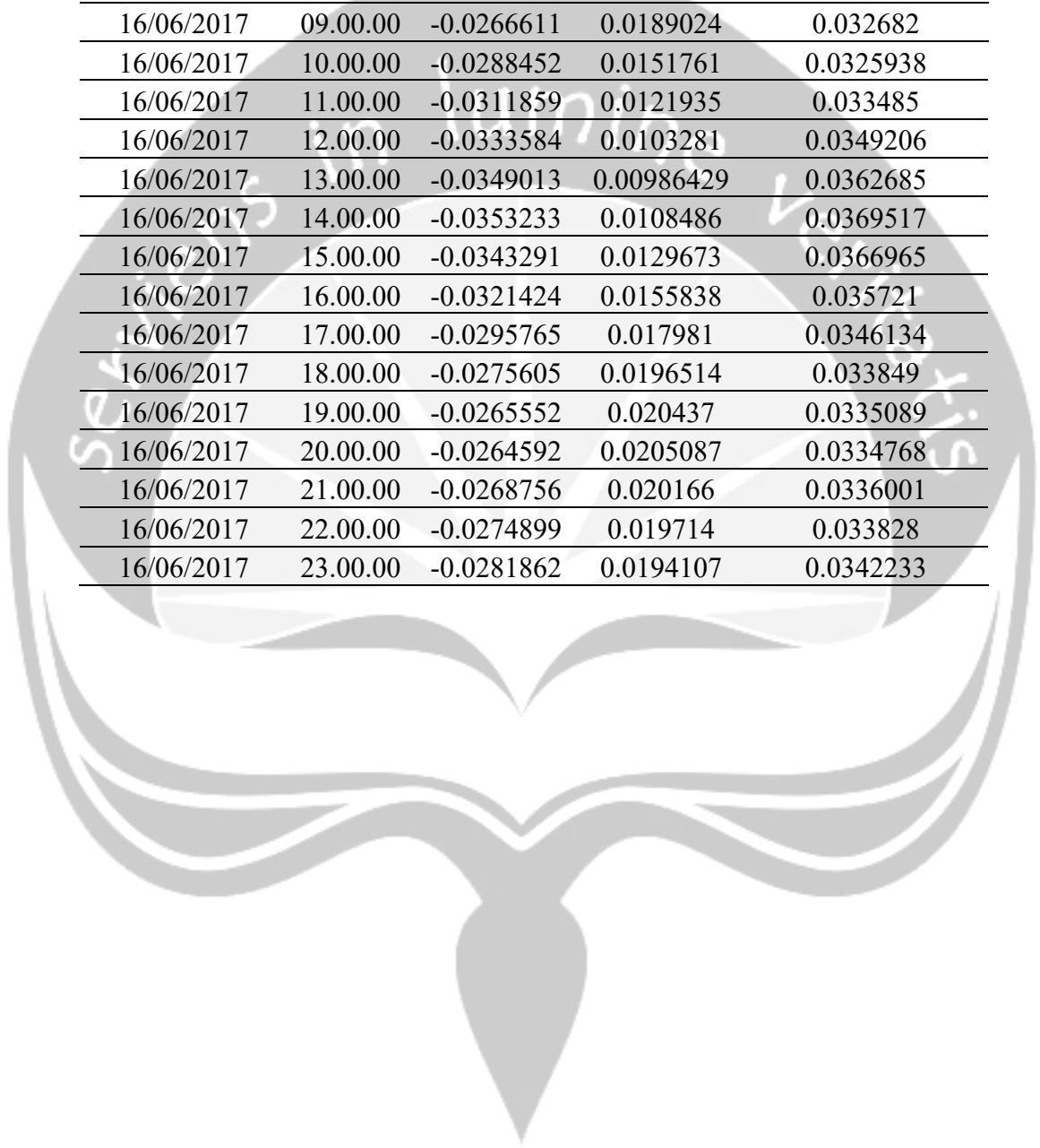
08/06/2017	01.00.00	-0.0307756	0.0162834	0.0348179
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08/06/2017	03.00.00	-0.0313542	0.0181832	0.0362452
08/06/2017	04.00.00	-0.0297367	0.0205737	0.03616
08/06/2017	05.00.00	-0.0278055	0.0230229	0.0360999
08/06/2017	06.00.00	-0.0261755	0.024939	0.036154
08/06/2017	07.00.00	-0.0250125	0.0258649	0.0359808
08/06/2017	08.00.00	-0.0242686	0.0254358	0.035156
08/06/2017	09.00.00	-0.0241587	0.0234447	0.0336644
08/06/2017	10.00.00	-0.0251485	0.0201627	0.0322333
08/06/2017	11.00.00	-0.0274479	0.0163634	0.0319554
08/06/2017	12.00.00	-0.0305257	0.0131028	0.0332189
08/06/2017	13.00.00	-0.0333093	0.0112526	0.0351586
08/06/2017	14.00.00	-0.0348528	0.011189	0.0366048
08/06/2017	15.00.00	-0.0347217	0.0127486	0.0369881
08/06/2017	16.00.00	-0.0330867	0.0153324	0.0364666
08/06/2017	17.00.00	-0.0306904	0.0182184	0.0356905
08/06/2017	18.00.00	-0.028394	0.0208343	0.0352177
08/06/2017	19.00.00	-0.02663	0.0228424	0.0350847
08/06/2017	20.00.00	-0.0254002	0.0240021	0.0349467
08/06/2017	21.00.00	-0.0246789	0.0240788	0.0344795
08/06/2017	22.00.00	-0.0246811	0.022935	0.0336923
08/06/2017	23.00.00	-0.0257206	0.0208418	0.0331049
09/06/2017	00.00.00	-0.0277096	0.018565	0.0333539
09/06/2017	01.00.00	-0.029935	0.0169912	0.034421
09/06/2017	02.00.00	-0.0313958	0.0167759	0.0355968
09/06/2017	03.00.00	-0.0314125	0.01798	0.0361943
09/06/2017	04.00.00	-0.0300354	0.0201295	0.0361569
09/06/2017	05.00.00	-0.0280091	0.022438	0.0358883
09/06/2017	06.00.00	-0.02622	0.0241322	0.035635
09/06/2017	07.00.00	-0.0251268	0.0246964	0.0352316
09/06/2017	08.00.00	-0.0247438	0.0239649	0.0344467
09/06/2017	09.00.00	-0.0250325	0.0220345	0.0333488
09/06/2017	10.00.00	-0.0260598	0.0192064	0.0323728
09/06/2017	11.00.00	-0.0279135	0.0160616	0.0322046
09/06/2017	12.00.00	-0.0303767	0.0132749	0.0331506
09/06/2017	13.00.00	-0.0328205	0.0115697	0.0348001
09/06/2017	14.00.00	-0.0344404	0.0114042	0.0362794
09/06/2017	15.00.00	-0.0346197	0.0128284	0.03692

09/06/2017	16.00.00	-0.0332079	0.015404	0.0366066
09/06/2017	17.00.00	-0.0307366	0.0184135	0.0358301
09/06/2017	18.00.00	-0.0281894	0.0211595	0.0352472
09/06/2017	19.00.00	-0.0263146	0.0231754	0.0350651
09/06/2017	20.00.00	-0.0252686	0.0242398	0.0350153
09/06/2017	21.00.00	-0.0248699	0.0242951	0.0347673
09/06/2017	22.00.00	-0.0250023	0.0233784	0.0342296
09/06/2017	23.00.00	-0.0257513	0.0216911	0.0336695
10/06/2017	00.00.00	-0.0271772	0.0197158	0.0335755
10/06/2017	01.00.00	-0.0290013	0.0181208	0.0341971
10/06/2017	02.00.00	-0.0305245	0.017539	0.0352046
10/06/2017	03.00.00	-0.0310008	0.0182397	0.0359686
10/06/2017	04.00.00	-0.0301135	0.0199835	0.0361408
10/06/2017	05.00.00	-0.028268	0.0220724	0.0358646
10/06/2017	06.00.00	-0.0263542	0.0236198	0.0353899
10/06/2017	07.00.00	-0.0251376	0.0239576	0.0347256
10/06/2017	08.00.00	-0.0249136	0.0228961	0.0338367
10/06/2017	09.00.00	-0.0256244	0.0207423	0.0329675
10/06/2017	10.00.00	-0.0270009	0.0180505	0.0324787
10/06/2017	11.00.00	-0.0287694	0.015338	0.0326027
10/06/2017	12.00.00	-0.0307225	0.0130819	0.0333917
10/06/2017	13.00.00	-0.0326024	0.0117133	0.0346427
10/06/2017	14.00.00	-0.0339762	0.0115819	0.035896
10/06/2017	15.00.00	-0.0343236	0.0128432	0.0366477
10/06/2017	16.00.00	-0.0332814	0.0152664	0.0366158
10/06/2017	17.00.00	-0.0310203	0.0182828	0.0360072
10/06/2017	18.00.00	-0.0283469	0.021184	0.035388
10/06/2017	19.00.00	-0.0262019	0.0233612	0.0351039
10/06/2017	20.00.00	-0.0250514	0.0244685	0.0350183
10/06/2017	21.00.00	-0.0248276	0.0244923	0.0348752
10/06/2017	22.00.00	-0.0252258	0.0236535	0.0345808
10/06/2017	23.00.00	-0.0259947	0.0222883	0.0342417
11/06/2017	00.00.00	-0.0270288	0.0207545	0.0340779
11/06/2017	01.00.00	-0.0282799	0.0194468	0.034321
11/06/2017	02.00.00	-0.029476	0.0187872	0.0349542
11/06/2017	03.00.00	-0.0301146	0.019079	0.0356497
11/06/2017	04.00.00	-0.0297432	0.0203028	0.036012
11/06/2017	05.00.00	-0.0283672	0.0219934	0.0358944
11/06/2017	06.00.00	-0.026588	0.0233359	0.0353763

11/06/2017	07.00.00	-0.0252466	0.0235243	0.0345077
11/06/2017	08.00.00	-0.0249531	0.02224	0.0334257
11/06/2017	09.00.00	-0.0258785	0.0198217	0.0325975
11/06/2017	10.00.00	-0.0276654	0.0169864	0.032464
11/06/2017	11.00.00	-0.0296756	0.0144314	0.0329986
11/06/2017	12.00.00	-0.0314359	0.0125752	0.0338578
11/06/2017	13.00.00	-0.0327904	0.0116231	0.0347895
11/06/2017	14.00.00	-0.0336704	0.0116982	0.0356447
11/06/2017	15.00.00	-0.0338825	0.0128792	0.0362477
11/06/2017	16.00.00	-0.033118	0.0150658	0.0363838
11/06/2017	17.00.00	-0.0312738	0.0179007	0.0360345
11/06/2017	18.00.00	-0.0287695	0.0208131	0.0355087
11/06/2017	19.00.00	-0.0264468	0.0231671	0.0351589
11/06/2017	20.00.00	-0.025017	0.0244645	0.0349909
11/06/2017	21.00.00	-0.0246994	0.0245749	0.0348423
11/06/2017	22.00.00	-0.0252658	0.0237849	0.0346999
11/06/2017	23.00.00	-0.0262364	0.0226134	0.0346369
12/06/2017	00.00.00	-0.0271803	0.0215	0.0346557
12/06/2017	01.00.00	-0.0279528	0.0206808	0.0347714
12/06/2017	02.00.00	-0.0285785	0.0202995	0.0350542
12/06/2017	03.00.00	-0.0289738	0.0204702	0.0354755
12/06/2017	04.00.00	-0.0288657	0.0212361	0.0358358
12/06/2017	05.00.00	-0.0280523	0.0223784	0.0358849
12/06/2017	06.00.00	-0.0267219	0.023315	0.0354634
12/06/2017	07.00.00	-0.0254809	0.0232973	0.034526
12/06/2017	08.00.00	-0.0250734	0.0218716	0.0332722
12/06/2017	09.00.00	-0.025965	0.0192519	0.0323236
12/06/2017	10.00.00	-0.027983	0.0162083	0.0323382
12/06/2017	11.00.00	-0.0303364	0.0135845	0.0332391
12/06/2017	12.00.00	-0.0322284	0.0119076	0.0343578
12/06/2017	13.00.00	-0.0333235	0.0113095	0.0351903
12/06/2017	14.00.00	-0.0336919	0.0117022	0.0356664
12/06/2017	15.00.00	-0.0334872	0.0129618	0.0359083
12/06/2017	16.00.00	-0.0327074	0.0149561	0.0359647
12/06/2017	17.00.00	-0.0312445	0.0174775	0.0358006
12/06/2017	18.00.00	-0.0291682	0.0201732	0.0354646
12/06/2017	19.00.00	-0.0269618	0.0225361	0.0351399
12/06/2017	20.00.00	-0.0253239	0.0240251	0.0349071
12/06/2017	21.00.00	-0.0247394	0.0243452	0.0347092

12/06/2017	22.00.00	-0.0252366	0.0236996	0.0346202
12/06/2017	23.00.00	-0.026364	0.0226714	0.0347714
13/06/2017	00.00.00	-0.0274341	0.0218683	0.0350835
13/06/2017	01.00.00	-0.0280045	0.0215769	0.0353527
13/06/2017	02.00.00	-0.028094	0.0217408	0.0355237
13/06/2017	03.00.00	-0.0279493	0.0221853	0.035684
13/06/2017	04.00.00	-0.0276944	0.0227829	0.0358614
13/06/2017	05.00.00	-0.027233	0.0234027	0.0359072
13/06/2017	06.00.00	-0.0264844	0.0237435	0.0355693
13/06/2017	07.00.00	-0.0256578	0.0233049	0.0346618
13/06/2017	08.00.00	-0.0253396	0.0216487	0.0333282
13/06/2017	09.00.00	-0.0261144	0.0189186	0.0322471
13/06/2017	10.00.00	-0.02811	0.015729	0.0322114
13/06/2017	11.00.00	-0.0306657	0.0129572	0.0332907
13/06/2017	12.00.00	-0.0328275	0.0112668	0.0347071
13/06/2017	13.00.00	-0.0339769	0.010862	0.0356709
13/06/2017	14.00.00	-0.0340463	0.011568	0.0359579
13/06/2017	15.00.00	-0.0333392	0.0130519	0.035803
13/06/2017	16.00.00	-0.0322231	0.0150084	0.0355469
13/06/2017	17.00.00	-0.030865	0.0172296	0.0353483
13/06/2017	18.00.00	-0.0292484	0.0195342	0.0351717
13/06/2017	19.00.00	-0.0274668	0.0216399	0.0349673
13/06/2017	20.00.00	-0.025917	0.0231333	0.0347396
13/06/2017	21.00.00	-0.0251226	0.023663	0.0345121
13/06/2017	22.00.00	-0.0253715	0.0232594	0.0344197
13/06/2017	23.00.00	-0.0264496	0.0224243	0.0346761
14/06/2017	00.00.00	-0.0276573	0.0218513	0.0352478
14/06/2017	01.00.00	-0.0282736	0.0219813	0.035813
14/06/2017	02.00.00	-0.0280665	0.0227776	0.0361462
14/06/2017	03.00.00	-0.0273538	0.0238575	0.0362961
14/06/2017	04.00.00	-0.0266309	0.0246928	0.0363172
14/06/2017	05.00.00	-0.0261126	0.02507	0.036199
14/06/2017	06.00.00	-0.0257618	0.0247993	0.0357586
14/06/2017	07.00.00	-0.0255146	0.0237034	0.034826
14/06/2017	08.00.00	-0.0255822	0.0216594	0.0335198
14/06/2017	09.00.00	-0.0264159	0.0187326	0.0323838
14/06/2017	10.00.00	-0.0282727	0.0154546	0.032221
14/06/2017	11.00.00	-0.0307977	0.0125715	0.0332647
14/06/2017	12.00.00	-0.0331362	0.010784	0.0348469

14/06/2017	13.00.00	-0.0345067	0.0104118	0.0360433
14/06/2017	14.00.00	-0.0345702	0.0113271	0.0363786
14/06/2017	15.00.00	-0.0335139	0.0130906	0.0359798
14/06/2017	16.00.00	-0.0319001	0.0151904	0.0353322
14/06/2017	17.00.00	-0.030287	0.017269	0.0348643
14/06/2017	18.00.00	-0.0288883	0.0191685	0.0346694
14/06/2017	19.00.00	-0.0276339	0.0208029	0.0345889
14/06/2017	20.00.00	-0.0265215	0.0220073	0.0344632
14/06/2017	21.00.00	-0.0258123	0.0225484	0.034274
14/06/2017	22.00.00	-0.025853	0.0223713	0.0341885
14/06/2017	23.00.00	-0.0266963	0.0218021	0.0344678
15/06/2017	00.00.00	-0.0278693	0.0214581	0.0351731
15/06/2017	01.00.00	-0.0285965	0.0218828	0.0360086
15/06/2017	02.00.00	-0.0283618	0.0231939	0.0366381
15/06/2017	03.00.00	-0.0273018	0.0249743	0.0370014
15/06/2017	04.00.00	-0.0260235	0.0265107	0.0371489
15/06/2017	05.00.00	-0.025094	0.0271269	0.0369537
15/06/2017	06.00.00	-0.0247238	0.0265085	0.0362486
15/06/2017	07.00.00	-0.0248775	0.0247025	0.0350586
15/06/2017	08.00.00	-0.0254969	0.021989	0.033669
15/06/2017	09.00.00	-0.0266952	0.0186749	0.0325789
15/06/2017	10.00.00	-0.0285565	0.0152636	0.0323798
15/06/2017	11.00.00	-0.0309352	0.012347	0.0333082
15/06/2017	12.00.00	-0.0332511	0.0104915	0.034867
15/06/2017	13.00.00	-0.0347957	0.0100679	0.036223
15/06/2017	14.00.00	-0.0350421	0.01106	0.036746
15/06/2017	15.00.00	-0.0339098	0.0130534	0.0363355
15/06/2017	16.00.00	-0.0318832	0.01541	0.035412
15/06/2017	17.00.00	-0.029784	0.0175631	0.0345767
15/06/2017	18.00.00	-0.0282232	0.0192198	0.034146
15/06/2017	19.00.00	-0.027291	0.0203465	0.0340408
15/06/2017	20.00.00	-0.0267731	0.0210164	0.0340366
15/06/2017	21.00.00	-0.0265257	0.0212555	0.0339913
15/06/2017	22.00.00	-0.0266517	0.021106	0.0339967
15/06/2017	23.00.00	-0.027279	0.0207711	0.0342868
16/06/2017	00.00.00	-0.02823	0.0206841	0.0349967
16/06/2017	01.00.00	-0.0289385	0.021338	0.0359548
16/06/2017	02.00.00	-0.0287919	0.022983	0.0368401
16/06/2017	03.00.00	-0.0276498	0.0253675	0.0375236



16/06/2017	04.00.00	-0.0259971	0.0277391	0.0380172
16/06/2017	05.00.00	-0.024543	0.0290701	0.0380451
16/06/2017	06.00.00	-0.0237604	0.0286182	0.0371963
16/06/2017	07.00.00	-0.0238776	0.0263399	0.0355518
16/06/2017	08.00.00	-0.0249127	0.0228946	0.0338349
16/06/2017	09.00.00	-0.0266611	0.0189024	0.032682
16/06/2017	10.00.00	-0.0288452	0.0151761	0.0325938
16/06/2017	11.00.00	-0.0311859	0.0121935	0.033485
16/06/2017	12.00.00	-0.0333584	0.0103281	0.0349206
16/06/2017	13.00.00	-0.0349013	0.00986429	0.0362685
16/06/2017	14.00.00	-0.0353233	0.0108486	0.0369517
16/06/2017	15.00.00	-0.0343291	0.0129673	0.0366965
16/06/2017	16.00.00	-0.0321424	0.0155838	0.035721
16/06/2017	17.00.00	-0.0295765	0.017981	0.0346134
16/06/2017	18.00.00	-0.0275605	0.0196514	0.033849
16/06/2017	19.00.00	-0.0265552	0.020437	0.0335089
16/06/2017	20.00.00	-0.0264592	0.0205087	0.0334768
16/06/2017	21.00.00	-0.0268756	0.020166	0.0336001
16/06/2017	22.00.00	-0.0274899	0.019714	0.033828
16/06/2017	23.00.00	-0.0281862	0.0194107	0.0342233

Lampiran 16.

**Report of Depth Averaged Velocity
PLTGU Muara Karang CCPP 400-500 MW**

SKENARIO III		Location : 500 m from outfall		
Date	Time	X component of depth averaged velocity (m/s)	Y component of depth averaged velocity (m/s)	magnitude of depth averaged velocity (m/s)
02/06/2017	00.00.00	0	0	0
02/06/2017	01.00.00	0.00765771	0.0248485	0.0260017
02/06/2017	02.00.00	0.00775628	0.02326	0.0245191
02/06/2017	03.00.00	0.00823602	0.0244965	0.025844
02/06/2017	04.00.00	0.00707929	0.0210754	0.0222326
02/06/2017	05.00.00	0.00528636	0.0157034	0.0165693
02/06/2017	06.00.00	0.00333636	0.00991712	0.0104633
02/06/2017	07.00.00	0.000645968	0.00194097	0.00204564
02/06/2017	08.00.00	-0.00261142	-0.00761381	0.0080492
02/06/2017	09.00.00	-0.00594563	-0.0174373	0.0184231
02/06/2017	10.00.00	-0.00883233	-0.0260942	0.0275485
02/06/2017	11.00.00	-0.0109682	-0.0324362	0.0342404
02/06/2017	12.00.00	-0.0119856	-0.0354919	0.0374611
02/06/2017	13.00.00	-0.011605	-0.0344232	0.0363268
02/06/2017	14.00.00	-0.00971652	-0.0288889	0.0304792
02/06/2017	15.00.00	-0.00665063	-0.0198506	0.0209351
02/06/2017	16.00.00	-0.00328073	-0.00989681	0.0104264
02/06/2017	17.00.00	-0.00066713	-0.00216634	0.00226674
02/06/2017	18.00.00	0.000554612	0.00147696	0.00157766
02/06/2017	19.00.00	0.00043358	0.00116158	0.00123987
02/06/2017	20.00.00	-0.0005706	-0.00178026	0.00186947
02/06/2017	21.00.00	-0.00193504	-0.00580377	0.00611785
02/06/2017	22.00.00	-0.00322122	-0.00960614	0.0101318
02/06/2017	23.00.00	-0.00408492	-0.0121678	0.0128352
03/06/2017	00.00.00	-0.00425128	-0.0126778	0.0133716
03/06/2017	01.00.00	-0.00350717	-0.0105051	0.0110751
03/06/2017	02.00.00	-0.00180852	-0.0055125	0.00580158
03/06/2017	03.00.00	0.000519004	0.00135134	0.00144758

03/06/2017	04.00.00	0.00268786	0.00777809	0.00822941
03/06/2017	05.00.00	0.00374096	0.0109627	0.0115834
03/06/2017	06.00.00	0.00311357	0.009189	0.00970216
03/06/2017	07.00.00	0.000917042	0.00272053	0.00287094
03/06/2017	08.00.00	-0.002331	-0.00687163	0.00725623
03/06/2017	09.00.00	-0.00589472	-0.0174955	0.0184619
03/06/2017	10.00.00	-0.0091194	-0.0269487	0.0284498
03/06/2017	11.00.00	-0.0114189	-0.0337743	0.0356525
03/06/2017	12.00.00	-0.0125455	-0.0371524	0.0392134
03/06/2017	13.00.00	-0.0123265	-0.0365588	0.0385809
03/06/2017	14.00.00	-0.0106558	-0.0316676	0.0334124
03/06/2017	15.00.00	-0.00770954	-0.0229859	0.0242444
03/06/2017	16.00.00	-0.00416916	-0.0125308	0.0132062
03/06/2017	17.00.00	-0.00109042	-0.00343037	0.00359951
03/06/2017	18.00.00	0.000633407	0.00169369	0.00180825
03/06/2017	19.00.00	0.000757114	0.00211125	0.0022429
03/06/2017	20.00.00	-0.00034464	-0.00110594	0.0011584
03/06/2017	21.00.00	-0.00203978	-0.00610179	0.0064337
03/06/2017	22.00.00	-0.00369051	-0.0109834	0.0115868
03/06/2017	23.00.00	-0.00478263	-0.0142257	0.0150082
04/06/2017	00.00.00	-0.00502332	-0.0149588	0.0157797
04/06/2017	01.00.00	-0.00430839	-0.012871	0.0135729
04/06/2017	02.00.00	-0.00267131	-0.00805906	0.00849025
04/06/2017	03.00.00	-0.00035577	-0.0012362	0.00128637
04/06/2017	04.00.00	0.00204172	0.00587246	0.00621726
04/06/2017	05.00.00	0.00366812	0.0107069	0.0113178
04/06/2017	06.00.00	0.00371345	0.0109521	0.0115645
04/06/2017	07.00.00	0.00199918	0.00591781	0.00624637
04/06/2017	08.00.00	-0.00109537	-0.00321796	0.00339928
04/06/2017	09.00.00	-0.00489676	-0.0142917	0.0151073
04/06/2017	10.00.00	-0.00841722	-0.0248517	0.0262385
04/06/2017	11.00.00	-0.0110173	-0.0325623	0.0343756
04/06/2017	12.00.00	-0.0123296	-0.0365098	0.0385355
04/06/2017	13.00.00	-0.0122681	-0.0363812	0.038394
04/06/2017	14.00.00	-0.0108283	-0.032169	0.0339425
04/06/2017	15.00.00	-0.00816286	-0.0243178	0.0256513
04/06/2017	16.00.00	-0.0047738	-0.014314	0.0150891
04/06/2017	17.00.00	-0.0015448	-0.00477577	0.0050194
04/06/2017	18.00.00	0.000582681	0.00153194	0.00163902

04/06/2017	19.00.00	0.00109292	0.00309321	0.00328061
04/06/2017	20.00.00	0.000122834	0.000276889	0.000302912
04/06/2017	21.00.00	-0.00174416	-0.00521791	0.00550169
04/06/2017	22.00.00	-0.00376216	-0.0111817	0.0117976
04/06/2017	23.00.00	-0.0052174	-0.0155005	0.016355
05/06/2017	00.00.00	-0.00566496	-0.016851	0.0177778
05/06/2017	01.00.00	-0.00501727	-0.0149645	0.0157832
05/06/2017	02.00.00	-0.00343182	-0.0103028	0.0108593
05/06/2017	03.00.00	-0.00121174	-0.00376125	0.00395162
05/06/2017	04.00.00	0.00117334	0.00328448	0.00348777
05/06/2017	05.00.00	0.00302903	0.0088303	0.00933538
05/06/2017	06.00.00	0.00365536	0.010698	0.0113052
05/06/2017	07.00.00	0.00255341	0.00752948	0.00795066
05/06/2017	08.00.00	-0.00010333	-0.00029222	0.000309951
05/06/2017	09.00.00	-0.00359291	-0.0111463	0.0117111
05/06/2017	10.00.00	-0.00746781	-0.0220765	0.0233054
05/06/2017	11.00.00	-0.0103962	-0.0307273	0.0324384
05/06/2017	12.00.00	-0.0119259	-0.0353073	0.0372671
05/06/2017	13.00.00	-0.0119757	-0.0355153	0.03748
05/06/2017	14.00.00	-0.0106485	-0.0316322	0.0333764
05/06/2017	15.00.00	-0.00819385	-0.024401	0.02574
05/06/2017	16.00.00	-0.00506452	-0.0151645	0.0159878
05/06/2017	17.00.00	-0.00195587	-0.00598585	0.00629728
05/06/2017	18.00.00	0.000338117	0.00080427	0.000872453
05/06/2017	19.00.00	0.00121446	0.00344066	0.00364871
05/06/2017	20.00.00	0.000552715	0.00154071	0.00163685
05/06/2017	21.00.00	-0.0012554	-0.0037701	0.00397362
05/06/2017	22.00.00	-0.0034963	-0.0103848	0.0109576
05/06/2017	23.00.00	-0.00533977	-0.0158486	0.016724
06/06/2017	00.00.00	-0.00613119	-0.0182202	0.0192241
06/06/2017	01.00.00	-0.00565799	-0.016855	0.0177793
06/06/2017	02.00.00	-0.00412676	-0.0123542	0.0130252
06/06/2017	03.00.00	-0.00197254	-0.00600437	0.00632008
06/06/2017	04.00.00	0.000296208	0.000694686	0.0007552
06/06/2017	05.00.00	0.00215606	0.00619295	0.00655753
06/06/2017	06.00.00	0.00301398	0.00881704	0.00931796
06/06/2017	07.00.00	0.00245778	0.00722005	0.00762692
06/06/2017	08.00.00	0.00037772	0.00110506	0.00116783
06/06/2017	09.00.00	-0.00297725	-0.00848033	0.00898777

06/06/2017	10.00.00	-0.00650873	-0.0193639	0.0204285
06/06/2017	11.00.00	-0.00963887	-0.0284971	0.0300831
06/06/2017	12.00.00	-0.0114158	-0.0337979	0.0356737
06/06/2017	13.00.00	-0.0116003	-0.0344005	0.0363038
06/06/2017	14.00.00	-0.0103095	-0.0306296	0.032318
06/06/2017	15.00.00	-0.00792271	-0.0235957	0.0248903
06/06/2017	16.00.00	-0.00498109	-0.0149104	0.0157204
06/06/2017	17.00.00	-0.00210912	-0.00643054	0.00676758
06/06/2017	18.00.00	9.66E+00	9.35E+00	0.000134441
06/06/2017	19.00.00	0.00115057	0.00324493	0.00344287
06/06/2017	20.00.00	0.000817971	0.00231446	0.00245475
06/06/2017	21.00.00	-0.00074234	-0.00225848	0.00237735
06/06/2017	22.00.00	-0.00298347	-0.00886493	0.00935351
06/06/2017	23.00.00	-0.00510037	-0.0151288	0.0159654
07/06/2017	00.00.00	-0.00629303	-0.0186852	0.0197164
07/06/2017	01.00.00	-0.00613944	-0.0182703	0.0192742
07/06/2017	02.00.00	-0.00475076	-0.0141957	0.0149695
07/06/2017	03.00.00	-0.00264011	-0.00797363	0.00839935
07/06/2017	04.00.00	-0.00045364	-0.00151614	0.00158255
07/06/2017	05.00.00	0.00126404	0.00357923	0.00379588
07/06/2017	06.00.00	0.00211063	0.00612738	0.0064807
07/06/2017	07.00.00	0.00182333	0.00530962	0.00561396
07/06/2017	08.00.00	0.000244308	0.000683703	0.000726041
07/06/2017	09.00.00	-0.0024802	-0.00735086	0.007758
07/06/2017	10.00.00	-0.00581858	-0.0171814	0.0181399
07/06/2017	11.00.00	-0.00889331	-0.0262845	0.0277483
07/06/2017	12.00.00	-0.0108467	-0.0321079	0.0338905
07/06/2017	13.00.00	-0.0112102	-0.0332435	0.0350827
07/06/2017	14.00.00	-0.00997669	-0.0296462	0.0312799
07/06/2017	15.00.00	-0.00756401	-0.0225368	0.0237723
07/06/2017	16.00.00	-0.00465405	-0.0139418	0.0146981
07/06/2017	17.00.00	-0.00195207	-0.00596044	0.00627195
07/06/2017	18.00.00	4.32E+00	-5.74E+00	7.18E+00
07/06/2017	19.00.00	0.00104624	0.00293726	0.00311804
07/06/2017	20.00.00	0.000906753	0.00256928	0.00272459
07/06/2017	21.00.00	-0.00034396	-0.00108995	0.00114293
07/06/2017	22.00.00	-0.00237922	-0.0070829	0.00747183
07/06/2017	23.00.00	-0.00455465	-0.0135101	0.0142572
08/06/2017	00.00.00	-0.00606876	-0.0180088	0.0190038

08/06/2017	01.00.00	-0.00632521	-0.0188066	0.0198418
08/06/2017	02.00.00	-0.00523046	-0.0156068	0.01646
08/06/2017	03.00.00	-0.00323257	-0.00972116	0.0102445
08/06/2017	04.00.00	-0.00108246	-0.00337032	0.00353988
08/06/2017	05.00.00	0.000534953	0.00142488	0.00152199
08/06/2017	06.00.00	0.00124479	0.00354459	0.00375681
08/06/2017	07.00.00	0.000931822	0.00266906	0.00282704
08/06/2017	08.00.00	-0.00039717	-0.00122941	0.00129198
08/06/2017	09.00.00	-0.00265814	-0.00787672	0.00831315
08/06/2017	10.00.00	-0.00550527	-0.0162752	0.0171811
08/06/2017	11.00.00	-0.00830544	-0.024558	0.0259244
08/06/2017	12.00.00	-0.010277	-0.0304204	0.0321094
08/06/2017	13.00.00	-0.0108132	-0.0320638	0.0338381
08/06/2017	14.00.00	-0.00971493	-0.0288698	0.0304605
08/06/2017	15.00.00	-0.00730171	-0.0217645	0.0229566
08/06/2017	16.00.00	-0.00431699	-0.0129494	0.01365
08/06/2017	17.00.00	-0.00162145	-0.00498342	0.00524057
08/06/2017	18.00.00	0.000223023	0.0004797	0.00052901
08/06/2017	19.00.00	0.00105685	0.00297503	0.00315717
08/06/2017	20.00.00	0.000920831	0.00261	0.00276767
08/06/2017	21.00.00	-0.00010233	-0.00038451	0.000397891
08/06/2017	22.00.00	-0.00183188	-0.00547432	0.00577269
08/06/2017	23.00.00	-0.0038403	-0.0114026	0.0120319
09/06/2017	00.00.00	-0.00547815	-0.0162554	0.0171536
09/06/2017	01.00.00	-0.00610324	-0.0181367	0.0191361
09/06/2017	02.00.00	-0.00542654	-0.0161745	0.0170605
09/06/2017	03.00.00	-0.00369763	-0.0110892	0.0116894
09/06/2017	04.00.00	-0.00163045	-0.00498589	0.00524571
09/06/2017	05.00.00	-4.91E+00	-0.00029798	0.00030199
09/06/2017	06.00.00	0.000539593	0.00147215	0.00156793
09/06/2017	07.00.00	7.39E+00	0.000133539	0.000152636
09/06/2017	08.00.00	-0.00127597	-0.00383576	0.00404242
09/06/2017	09.00.00	-0.0032923	-0.00977491	0.0103145
09/06/2017	10.00.00	-0.00568994	-0.0168447	0.0177797
09/06/2017	11.00.00	-0.00806101	-0.0238511	0.0251765
09/06/2017	12.00.00	-0.00982515	-0.0290901	0.0307045
09/06/2017	13.00.00	-0.0104168	-0.0308871	0.0325964
09/06/2017	14.00.00	-0.00949875	-0.0282247	0.0297802
09/06/2017	15.00.00	-0.00719683	-0.0214544	0.0226293

09/06/2017	16.00.00	-0.00416439	-0.0125035	0.0131788
09/06/2017	17.00.00	-0.00135315	-0.00419576	0.00440856
09/06/2017	18.00.00	0.000509079	0.00132537	0.00141978
09/06/2017	19.00.00	0.00122685	0.00348388	0.00369358
09/06/2017	20.00.00	0.000986269	0.00280777	0.00297596
09/06/2017	21.00.00	3.62E+00	2.39E+00	4.34E+00
09/06/2017	22.00.00	-0.00142349	-0.00427721	0.00450787
09/06/2017	23.00.00	-0.00312776	-0.00930556	0.00981715
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10/06/2017	09.00.00	-0.00413374	-0.012262	0.0129401
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10/06/2017	11.00.00	-0.00822583	-0.0243543	0.0257059
10/06/2017	12.00.00	-0.0096161	-0.0284838	0.0300632
10/06/2017	13.00.00	-0.0100717	-0.0298671	0.0315195
10/06/2017	14.00.00	-0.00926777	-0.027535	0.0290529
10/06/2017	15.00.00	-0.00717565	-0.0213867	0.0225584
10/06/2017	16.00.00	-0.00424021	-0.0127291	0.0134168
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10/06/2017	18.00.00	0.000680214	0.00182557	0.00194818
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11/06/2017	01.00.00	-0.00451295	-0.0134252	0.0141634
11/06/2017	02.00.00	-0.00452	-0.0134691	0.0142073
11/06/2017	03.00.00	-0.00368144	-0.0110152	0.0116142
11/06/2017	04.00.00	-0.00227747	-0.00688006	0.00724721
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11/06/2017	06.00.00	-0.00046685	-0.00149503	0.00156623

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11/06/2017	09.00.00	-0.0049328	-0.0146155	0.0154255
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11/06/2017	12.00.00	-0.00972812	-0.0288297	0.0304268
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11/06/2017	14.00.00	-0.00902237	-0.0268064	0.0282841
11/06/2017	15.00.00	-0.00712525	-0.0212297	0.0223935
11/06/2017	16.00.00	-0.00443682	-0.0133058	0.014026
11/06/2017	17.00.00	-0.0016063	-0.00495126	0.0052053
11/06/2017	18.00.00	0.000554113	0.00144562	0.00154818
11/06/2017	19.00.00	0.00151171	0.00431863	0.00457556
11/06/2017	20.00.00	0.0012878	0.00370173	0.00391934
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11/06/2017	22.00.00	-0.00095983	-0.00291589	0.0030698
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12/06/2017	04.00.00	-0.00207669	-0.00627138	0.00660628
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12/06/2017	19.00.00	0.00125229	0.00354116	0.00375607
12/06/2017	20.00.00	0.00124684	0.00357058	0.00378201
12/06/2017	21.00.00	0.000372802	0.00101733	0.00108348

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14/06/2017	23.00.00	-0.00190594	-0.00573419	0.00604265
15/06/2017	00.00.00	-0.00209094	-0.00629816	0.00663617
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15/06/2017	04.00.00	0.00112459	0.00321682	0.00340773
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15/06/2017	15.00.00	-0.0064867	-0.0193513	0.0204096
15/06/2017	16.00.00	-0.00400934	-0.0120262	0.0126769
15/06/2017	17.00.00	-0.00218474	-0.00662826	0.00697903
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15/06/2017	20.00.00	-0.00083393	-0.00259581	0.00272648
15/06/2017	21.00.00	-0.00124578	-0.00379842	0.0039975
15/06/2017	22.00.00	-0.0018484	-0.00556998	0.00586867
15/06/2017	23.00.00	-0.00234247	-0.00703224	0.00741212
16/06/2017	00.00.00	-0.00232588	-0.00699885	0.0073752
16/06/2017	01.00.00	-0.00152201	-0.00464506	0.00488805
16/06/2017	02.00.00	-5.09E-01	-0.00031026	0.000314404
16/06/2017	03.00.00	0.00150797	0.00430052	0.00455724

16/06/2017	04.00.00	0.0023583	0.0068579	0.00725206
16/06/2017	05.00.00	0.00203843	0.00597627	0.00631435
16/06/2017	06.00.00	0.000582922	0.00169246	0.00179004
16/06/2017	07.00.00	-0.00169234	-0.00502251	0.00529996
16/06/2017	08.00.00	-0.00438465	-0.0129404	0.0136631
16/06/2017	09.00.00	-0.00707088	-0.0209297	0.0220919
16/06/2017	10.00.00	-0.00944499	-0.0279322	0.0294858
16/06/2017	11.00.00	-0.0111503	-0.033	0.0348329
16/06/2017	12.00.00	-0.0118351	-0.0350688	0.037012
16/06/2017	13.00.00	-0.0112179	-0.0332953	0.0351343
16/06/2017	14.00.00	-0.00928938	-0.0276312	0.0291509
16/06/2017	15.00.00	-0.00650642	-0.019418	0.0204791
16/06/2017	16.00.00	-0.0037266	-0.0111993	0.0118031
16/06/2017	17.00.00	-0.00175938	-0.00537417	0.00565484
16/06/2017	18.00.00	-0.00091777	-0.00286479	0.00300821
16/06/2017	19.00.00	-0.00099574	-0.00307242	0.00322975
16/06/2017	20.00.00	-0.00157544	-0.00477117	0.00502455
16/06/2017	21.00.00	-0.00229075	-0.00687956	0.00725093
16/06/2017	22.00.00	-0.00289432	-0.00866303	0.00913373
16/06/2017	23.00.00	-0.0031795	-0.00951218	0.0100295

Lampiran 17.

**Report of Depth Averaged Velocity
PLTGU Muara Karang CCPP 400-500 MW**

SKENARIO III		Location :			800 m from outfall
Date	Time	X component of depth averaged velocity (m/s)	Y component of depth averaged velocity (m/s)	magnitude of depth averaged velocity (m/s)	
02/06/2017	00.00.00	0	0	0	
02/06/2017	01.00.00	0.00851459	0.0187019	0.0205489	
02/06/2017	02.00.00	0.00570188	0.0130557	0.0142465	
02/06/2017	03.00.00	0.00532238	0.0136708	0.0146703	
02/06/2017	04.00.00	0.00572992	0.00913326	0.0107819	
02/06/2017	05.00.00	0.00588478	0.00208415	0.00624294	
02/06/2017	06.00.00	0.00546107	-0.00569642	0.00789129	
02/06/2017	07.00.00	0.00525001	-0.0138193	0.0147829	
02/06/2017	08.00.00	0.00550763	-0.0216808	0.0223694	
02/06/2017	09.00.00	0.00609203	-0.0285657	0.0292081	
02/06/2017	10.00.00	0.0068027	-0.0340442	0.0347172	
02/06/2017	11.00.00	0.00750363	-0.0373801	0.0381258	
02/06/2017	12.00.00	0.00814853	-0.0375962	0.0384691	
02/06/2017	13.00.00	0.00858887	-0.0338622	0.0349345	
02/06/2017	14.00.00	0.00859515	-0.0264284	0.027791	
02/06/2017	15.00.00	0.00812853	-0.0172481	0.0190675	
02/06/2017	16.00.00	0.00744023	-0.00930983	0.0119176	
02/06/2017	17.00.00	0.00678169	-0.00489058	0.00836117	
02/06/2017	18.00.00	0.00620174	-0.0044744	0.00764734	
02/06/2017	19.00.00	0.00575252	-0.00703398	0.00908671	
02/06/2017	20.00.00	0.00559186	-0.0109604	0.0123045	
02/06/2017	21.00.00	0.00576895	-0.0147694	0.0158561	
02/06/2017	22.00.00	0.00613047	-0.0175346	0.0185754	
02/06/2017	23.00.00	0.00650269	-0.0187311	0.0198277	
03/06/2017	00.00.00	0.00681749	-0.0179122	0.0191657	
03/06/2017	01.00.00	0.00705778	-0.0147764	0.0163754	
03/06/2017	02.00.00	0.00721313	-0.00967568	0.0120685	
03/06/2017	03.00.00	0.00728479	-0.00405858	0.00833908	

03/06/2017	04.00.00	0.00718854	-0.00014145	0.00718994
03/06/2017	05.00.00	0.00673189	9.61E+00	0.00673257
03/06/2017	06.00.00	0.00590762	-0.00403516	0.00715419
03/06/2017	07.00.00	0.00508973	-0.0115494	0.0126212
03/06/2017	08.00.00	0.00497278	-0.0203953	0.0209928
03/06/2017	09.00.00	0.00562872	-0.028584	0.0291329
03/06/2017	10.00.00	0.0065034	-0.0348384	0.0354402
03/06/2017	11.00.00	0.007292	-0.038538	0.0392219
03/06/2017	12.00.00	0.00798219	-0.039108	0.0399143
03/06/2017	13.00.00	0.00849593	-0.0359538	0.036944
03/06/2017	14.00.00	0.00862457	-0.029071	0.0303233
03/06/2017	15.00.00	0.0082726	-0.0198039	0.0214623
03/06/2017	16.00.00	0.0076371	-0.0108626	0.0132786
03/06/2017	17.00.00	0.00698501	-0.00497445	0.00857528
03/06/2017	18.00.00	0.00635747	-0.00346644	0.00724111
03/06/2017	19.00.00	0.00575268	-0.00588705	0.00823108
03/06/2017	20.00.00	0.00540136	-0.0105933	0.0118908
03/06/2017	21.00.00	0.00554239	-0.0155362	0.0164952
03/06/2017	22.00.00	0.00605207	-0.0191037	0.0200394
03/06/2017	23.00.00	0.00657542	-0.0205243	0.0215519
04/06/2017	00.00.00	0.00693194	-0.019634	0.0208217
04/06/2017	01.00.00	0.00712539	-0.0165079	0.01798
04/06/2017	02.00.00	0.00721386	-0.0115136	0.0135868
04/06/2017	03.00.00	0.00726227	-0.00568509	0.00922284
04/06/2017	04.00.00	0.00726297	-0.00081413	0.00730846
04/06/2017	05.00.00	0.00698753	0.00103794	0.0070642
04/06/2017	06.00.00	0.00626504	-0.00149642	0.00644127
04/06/2017	07.00.00	0.00530042	-0.0082694	0.0098223
04/06/2017	08.00.00	0.00478708	-0.0174792	0.0181228
04/06/2017	09.00.00	0.00523221	-0.0266791	0.0271873
04/06/2017	10.00.00	0.00626191	-0.0338315	0.0344061
04/06/2017	11.00.00	0.007141	-0.0380517	0.0387159
04/06/2017	12.00.00	0.007847	-0.0388882	0.039672
04/06/2017	13.00.00	0.00836622	-0.0361691	0.0371241
04/06/2017	14.00.00	0.00854187	-0.0300239	0.0312153
04/06/2017	15.00.00	0.00827601	-0.0214198	0.0229631
04/06/2017	16.00.00	0.00772548	-0.0124647	0.0146646
04/06/2017	17.00.00	0.00714061	-0.00571078	0.00914338
04/06/2017	18.00.00	0.00656393	-0.00297609	0.0072071

04/06/2017	19.00.00	0.00591413	-0.0045915	0.00748724
04/06/2017	20.00.00	0.00537135	-0.00940329	0.0108293
04/06/2017	21.00.00	0.00533175	-0.0152657	0.0161701
04/06/2017	22.00.00	0.00587374	-0.0199494	0.0207961
04/06/2017	23.00.00	0.00655964	-0.0220638	0.0230182
05/06/2017	00.00.00	0.00702932	-0.0213218	0.0224506
05/06/2017	01.00.00	0.00722977	-0.0181322	0.0195204
05/06/2017	02.00.00	0.00724788	-0.0132184	0.015075
05/06/2017	03.00.00	0.00721123	-0.00755746	0.0104459
05/06/2017	04.00.00	0.0071837	-0.00248523	0.00760144
05/06/2017	05.00.00	0.00703176	0.000343849	0.00704016
05/06/2017	06.00.00	0.00651786	-0.00058978	0.00654449
05/06/2017	07.00.00	0.00561858	-0.00588172	0.00813407
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05/06/2017	09.00.00	0.0051292	-0.0240583	0.024599
05/06/2017	10.00.00	0.00596934	-0.0321123	0.0326624
05/06/2017	11.00.00	0.00697748	-0.0370435	0.0376949
05/06/2017	12.00.00	0.00773367	-0.0382023	0.0389773
05/06/2017	13.00.00	0.00825562	-0.0356308	0.0365747
05/06/2017	14.00.00	0.00842827	-0.0298748	0.0310409
05/06/2017	15.00.00	0.00818451	-0.0219836	0.0234577
05/06/2017	16.00.00	0.00768685	-0.0136358	0.0156532
05/06/2017	17.00.00	0.00717682	-0.00682511	0.00990398
05/06/2017	18.00.00	0.00669822	-0.00327088	0.00745418
05/06/2017	19.00.00	0.00611714	-0.00381115	0.00720723
05/06/2017	20.00.00	0.00549151	-0.00802533	0.00972433
05/06/2017	21.00.00	0.00522822	-0.0141927	0.015125
05/06/2017	22.00.00	0.0056445	-0.0198828	0.0206685
05/06/2017	23.00.00	0.00642096	-0.0230563	0.0239337
06/06/2017	00.00.00	0.00704214	-0.0228997	0.023958
06/06/2017	01.00.00	0.00732579	-0.0197822	0.0210951
06/06/2017	02.00.00	0.00732516	-0.0148097	0.0165222
06/06/2017	03.00.00	0.00719449	-0.00928719	0.0117479
06/06/2017	04.00.00	0.00707193	-0.00443177	0.00834582
06/06/2017	05.00.00	0.00691969	-0.00138894	0.0070577
06/06/2017	06.00.00	0.0065677	-0.00132062	0.00669916
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06/06/2017	10.00.00	0.00574364	-0.0299398	0.0304857
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06/06/2017	13.00.00	0.0081849	-0.0348463	0.0357947
06/06/2017	14.00.00	0.00834758	-0.0291216	0.0302944
06/06/2017	15.00.00	0.0080825	-0.0215698	0.0230344
06/06/2017	16.00.00	0.00758258	-0.0138921	0.0158268
06/06/2017	17.00.00	0.00710749	-0.00762596	0.0104246
06/06/2017	18.00.00	0.00671642	-0.00396731	0.00780063
06/06/2017	19.00.00	0.00625953	-0.00371162	0.00727721
06/06/2017	20.00.00	0.00568359	-0.00697405	0.00899669
06/06/2017	21.00.00	0.00527863	-0.0127409	0.0137911
06/06/2017	22.00.00	0.00546933	-0.0189113	0.0196863
06/06/2017	23.00.00	0.00619542	-0.0231512	0.0239658
07/06/2017	00.00.00	0.0069338	-0.0239929	0.0249747
07/06/2017	01.00.00	0.0073502	-0.0213543	0.0225839
07/06/2017	02.00.00	0.00740943	-0.0163862	0.0179836
07/06/2017	03.00.00	0.00723398	-0.01082	0.0130155
07/06/2017	04.00.00	0.00700059	-0.00617594	0.00933544
07/06/2017	05.00.00	0.00677904	-0.00339478	0.00758155
07/06/2017	06.00.00	0.00646759	-0.00310375	0.00717377
07/06/2017	07.00.00	0.00596029	-0.00580652	0.0083211
07/06/2017	08.00.00	0.00535122	-0.0115923	0.0127678
07/06/2017	09.00.00	0.00510851	-0.0195472	0.0202037
07/06/2017	10.00.00	0.00561422	-0.0277141	0.0282771
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07/06/2017	12.00.00	0.00751354	-0.0361535	0.036926
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07/06/2017	14.00.00	0.0083102	-0.0283285	0.0295223
07/06/2017	15.00.00	0.00803506	-0.0207034	0.0222079
07/06/2017	16.00.00	0.00750232	-0.013318	0.0152857
07/06/2017	17.00.00	0.00700636	-0.00767316	0.0103907
07/06/2017	18.00.00	0.00664431	-0.00447483	0.00801068
07/06/2017	19.00.00	0.00629217	-0.0040372	0.00747599
07/06/2017	20.00.00	0.0058439	-0.00650087	0.00874142
07/06/2017	21.00.00	0.00543695	-0.0114173	0.0126458
07/06/2017	22.00.00	0.00542988	-0.0173629	0.0181922
07/06/2017	23.00.00	0.00597293	-0.022242	0.0230301
08/06/2017	00.00.00	0.00671905	-0.0241958	0.0251114

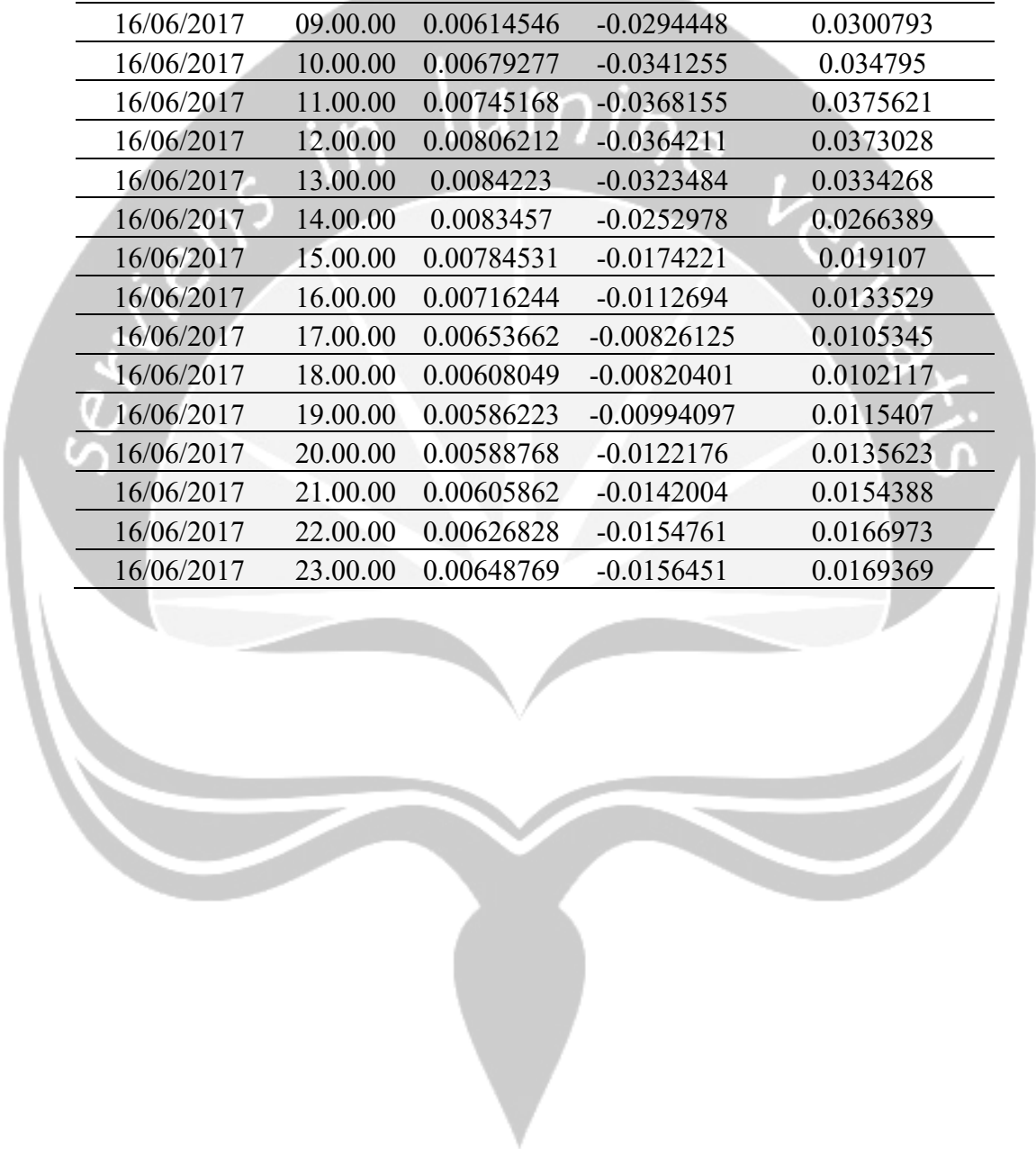
08/06/2017	01.00.00	0.007258	-0.0225041	0.0236455
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08/06/2017	04.00.00	0.00700028	-0.00764534	0.0103661
08/06/2017	05.00.00	0.00666547	-0.0051518	0.00842434
08/06/2017	06.00.00	0.00631103	-0.00514821	0.00814452
08/06/2017	07.00.00	0.0059015	-0.00761269	0.00963228
08/06/2017	08.00.00	0.00550926	-0.0123619	0.0135339
08/06/2017	09.00.00	0.00535583	-0.0189211	0.0196645
08/06/2017	10.00.00	0.00570956	-0.0260762	0.0266939
08/06/2017	11.00.00	0.00651362	-0.0319962	0.0326525
08/06/2017	12.00.00	0.00739152	-0.0348057	0.0355819
08/06/2017	13.00.00	0.00804027	-0.0333288	0.0342849
08/06/2017	14.00.00	0.008279	-0.0277997	0.0290063
08/06/2017	15.00.00	0.0080387	-0.0199973	0.0215525
08/06/2017	16.00.00	0.00749949	-0.0124505	0.0145347
08/06/2017	17.00.00	0.00696143	-0.00704552	0.00990459
08/06/2017	18.00.00	0.00656181	-0.00439479	0.00789756
08/06/2017	19.00.00	0.00623899	-0.00429855	0.00757645
08/06/2017	20.00.00	0.00590877	-0.00646385	0.00875756
08/06/2017	21.00.00	0.00560247	-0.0105398	0.0119363
08/06/2017	22.00.00	0.0055215	-0.0157221	0.0166634
08/06/2017	23.00.00	0.00585139	-0.0205597	0.0213762
09/06/2017	00.00.00	0.00647141	-0.0233048	0.0241866
09/06/2017	01.00.00	0.00705103	-0.0227823	0.0238485
09/06/2017	02.00.00	0.00735198	-0.0190859	0.0204529
09/06/2017	03.00.00	0.00732041	-0.013755	0.0155817
09/06/2017	04.00.00	0.0070423	-0.00901449	0.0114392
09/06/2017	05.00.00	0.00663691	-0.00656957	0.00933851
09/06/2017	06.00.00	0.006191	-0.00692687	0.00929031
09/06/2017	07.00.00	0.00579512	-0.00968678	0.0112879
09/06/2017	08.00.00	0.00556463	-0.0141408	0.0151963
09/06/2017	09.00.00	0.00559449	-0.0196749	0.0204548
09/06/2017	10.00.00	0.00594387	-0.025548	0.0262303
09/06/2017	11.00.00	0.00657317	-0.0306223	0.0313199
09/06/2017	12.00.00	0.00731431	-0.0333817	0.0341736
09/06/2017	13.00.00	0.00793183	-0.0324512	0.0334065
09/06/2017	14.00.00	0.00821096	-0.0274855	0.0286858
09/06/2017	15.00.00	0.00804108	-0.019786	0.0213576

09/06/2017	16.00.00	0.00755107	-0.0119236	0.0141135
09/06/2017	17.00.00	0.00700652	-0.00626695	0.00940032
09/06/2017	18.00.00	0.00655037	-0.00378869	0.00756714
09/06/2017	19.00.00	0.0061776	-0.00413009	0.00743104
09/06/2017	20.00.00	0.00588513	-0.0064724	0.00874795
09/06/2017	21.00.00	0.00569557	-0.0100914	0.0115877
09/06/2017	22.00.00	0.00566317	-0.0143892	0.0154635
09/06/2017	23.00.00	0.00586468	-0.0185736	0.0194775
10/06/2017	00.00.00	0.00629425	-0.0214663	0.02237
10/06/2017	01.00.00	0.00679111	-0.0218995	0.0229283
10/06/2017	02.00.00	0.00714834	-0.0194331	0.0207061
10/06/2017	03.00.00	0.00723982	-0.0149404	0.0166022
10/06/2017	04.00.00	0.00705772	-0.0103932	0.012563
10/06/2017	05.00.00	0.00666571	-0.00784748	0.0102963
10/06/2017	06.00.00	0.00615632	-0.00830933	0.0103414
10/06/2017	07.00.00	0.00571253	-0.0114643	0.0128087
10/06/2017	08.00.00	0.00555152	-0.0161941	0.0171192
10/06/2017	09.00.00	0.00575935	-0.0213848	0.0221468
10/06/2017	10.00.00	0.00621425	-0.0262484	0.026974
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10/06/2017	12.00.00	0.00734881	-0.0322293	0.0330565
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10/06/2017	14.00.00	0.00809828	-0.0271079	0.0282917
10/06/2017	15.00.00	0.00798674	-0.0199574	0.0214962
10/06/2017	16.00.00	0.00758421	-0.0120702	0.0142551
10/06/2017	17.00.00	0.00709282	-0.0059637	0.00926682
10/06/2017	18.00.00	0.00662455	-0.00314523	0.00733329
10/06/2017	19.00.00	0.00618248	-0.00357524	0.00714181
10/06/2017	20.00.00	0.00584903	-0.00621531	0.00853471
10/06/2017	21.00.00	0.00569912	-0.00981461	0.0113493
10/06/2017	22.00.00	0.00576641	-0.0134979	0.014678
10/06/2017	23.00.00	0.00596535	-0.0167671	0.0177966
11/06/2017	00.00.00	0.00624793	-0.0191347	0.020129
11/06/2017	01.00.00	0.00658103	-0.0199218	0.0209807
11/06/2017	02.00.00	0.00688222	-0.0185921	0.019825
11/06/2017	03.00.00	0.00704064	-0.0153779	0.016913
11/06/2017	04.00.00	0.0069799	-0.0115936	0.0135325
11/06/2017	05.00.00	0.00668172	-0.0091598	0.0113379
11/06/2017	06.00.00	0.00619092	-0.00952031	0.0113562

11/06/2017	07.00.00	0.00570267	-0.0128219	0.0140329
11/06/2017	08.00.00	0.00553125	-0.0179508	0.0187837
11/06/2017	09.00.00	0.00584204	-0.0233591	0.0240786
11/06/2017	10.00.00	0.00643332	-0.0278223	0.0285564
11/06/2017	11.00.00	0.00702181	-0.0307328	0.0315248
11/06/2017	12.00.00	0.00750202	-0.0317483	0.0326226
11/06/2017	13.00.00	0.00784368	-0.0304531	0.031447
11/06/2017	14.00.00	0.00798416	-0.0264885	0.0276657
11/06/2017	15.00.00	0.00786656	-0.0201309	0.0216133
11/06/2017	16.00.00	0.00753978	-0.0127545	0.0148164
11/06/2017	17.00.00	0.00713718	-0.0064788	0.0096392
11/06/2017	18.00.00	0.00672146	-0.00308013	0.00739359
11/06/2017	19.00.00	0.00626366	-0.00308799	0.00698349
11/06/2017	20.00.00	0.00584421	-0.0057115	0.00817166
11/06/2017	21.00.00	0.00566772	-0.00945544	0.011024
11/06/2017	22.00.00	0.00579417	-0.012921	0.0141606
11/06/2017	23.00.00	0.00606776	-0.01542	0.0165709
12/06/2017	00.00.00	0.00631732	-0.0168631	0.0180076
12/06/2017	01.00.00	0.00650533	-0.017277	0.0184611
12/06/2017	02.00.00	0.00666255	-0.0165326	0.0178246
12/06/2017	03.00.00	0.0067771	-0.0146195	0.0161139
12/06/2017	04.00.00	0.0067859	-0.0121317	0.0139006
12/06/2017	05.00.00	0.00660995	-0.0103724	0.0122995
12/06/2017	06.00.00	0.00622499	-0.0107787	0.0124472
12/06/2017	07.00.00	0.00576236	-0.0139713	0.015113
12/06/2017	08.00.00	0.00555882	-0.0192647	0.0200506
12/06/2017	09.00.00	0.00588079	-0.025049	0.0257301
12/06/2017	10.00.00	0.00656319	-0.0296637	0.0303811
12/06/2017	11.00.00	0.00723784	-0.0321021	0.032908
12/06/2017	12.00.00	0.00771364	-0.0321156	0.033029
12/06/2017	13.00.00	0.00794541	-0.0298835	0.0309218
12/06/2017	14.00.00	0.00793436	-0.0256943	0.0268915
12/06/2017	15.00.00	0.00772462	-0.0199498	0.0213931
12/06/2017	16.00.00	0.00740921	-0.0134842	0.0153857
12/06/2017	17.00.00	0.00708366	-0.00765055	0.0104264
12/06/2017	18.00.00	0.00675657	-0.00393989	0.00782138
12/06/2017	19.00.00	0.00635869	-0.00326353	0.00714728
12/06/2017	20.00.00	0.0059243	-0.00539609	0.00801343
12/06/2017	21.00.00	0.0056755	-0.00903525	0.0106699

12/06/2017	22.00.00	0.00578041	-0.0124729	0.0137473
12/06/2017	23.00.00	0.00611836	-0.0145481	0.0157823
13/06/2017	00.00.00	0.00642406	-0.0150804	0.0163917
13/06/2017	01.00.00	0.00657107	-0.0145925	0.0160038
13/06/2017	02.00.00	0.00659391	-0.0136596	0.0151678
13/06/2017	03.00.00	0.00657236	-0.0125645	0.0141797
13/06/2017	04.00.00	0.00653293	-0.0115094	0.0132343
13/06/2017	05.00.00	0.00642161	-0.0110231	0.0127572
13/06/2017	06.00.00	0.00616949	-0.0119996	0.0134927
13/06/2017	07.00.00	0.00582347	-0.0151651	0.0162447
13/06/2017	08.00.00	0.00564746	-0.0203526	0.0211216
13/06/2017	09.00.00	0.00593359	-0.0263042	0.0269652
13/06/2017	10.00.00	0.00662231	-0.0312516	0.0319455
13/06/2017	11.00.00	0.00736807	-0.0337325	0.0345278
13/06/2017	12.00.00	0.007903	-0.0331687	0.0340972
13/06/2017	13.00.00	0.00811206	-0.0299379	0.0310175
13/06/2017	14.00.00	0.00798349	-0.024993	0.0262371
13/06/2017	15.00.00	0.00763101	-0.0193311	0.0207828
13/06/2017	16.00.00	0.00724057	-0.0137455	0.015536
13/06/2017	17.00.00	0.00693073	-0.00889617	0.0112773
13/06/2017	18.00.00	0.00667996	-0.00554715	0.0086829
13/06/2017	19.00.00	0.00638694	-0.00445502	0.00778718
13/06/2017	20.00.00	0.00602496	-0.00583887	0.00839002
13/06/2017	21.00.00	0.00575657	-0.00893456	0.0106285
13/06/2017	22.00.00	0.00579655	-0.0121699	0.0134798
13/06/2017	23.00.00	0.0061304	-0.0140394	0.0153195
14/06/2017	00.00.00	0.00650157	-0.0139434	0.0153847
14/06/2017	01.00.00	0.00670097	-0.0124303	0.0141214
14/06/2017	02.00.00	0.00669261	-0.0106566	0.0125839
14/06/2017	03.00.00	0.00653484	-0.00957507	0.0115925
14/06/2017	04.00.00	0.00635364	-0.00955502	0.0114746
14/06/2017	05.00.00	0.00617255	-0.0105942	0.0122612
14/06/2017	06.00.00	0.00598623	-0.0127864	0.0141183
14/06/2017	07.00.00	0.00580096	-0.0164171	0.0174119
14/06/2017	08.00.00	0.00574797	-0.0215019	0.022257
14/06/2017	09.00.00	0.0060266	-0.0273177	0.0279746
14/06/2017	10.00.00	0.00666475	-0.0324011	0.0330794
14/06/2017	11.00.00	0.00742036	-0.035137	0.035912
14/06/2017	12.00.00	0.00801987	-0.0344854	0.0354057

14/06/2017	13.00.00	0.00827469	-0.030575	0.0316749
14/06/2017	14.00.00	0.00810789	-0.0246703	0.0259685
14/06/2017	15.00.00	0.00763471	-0.0184919	0.020006
14/06/2017	16.00.00	0.00711355	-0.0133145	0.0150957
14/06/2017	17.00.00	0.00673209	-0.00956224	0.0116943
14/06/2017	18.00.00	0.00649655	-0.0072468	0.00973248
14/06/2017	19.00.00	0.00630389	-0.00646638	0.00903068
14/06/2017	20.00.00	0.00607911	-0.00737001	0.00955367
14/06/2017	21.00.00	0.00588706	-0.0096694	0.0113205
14/06/2017	22.00.00	0.0058942	-0.0123152	0.013653
14/06/2017	23.00.00	0.00616506	-0.013882	0.0151894
15/06/2017	00.00.00	0.0065427	-0.0134065	0.0149178
15/06/2017	01.00.00	0.00681281	-0.0110782	0.0130054
15/06/2017	02.00.00	0.00686525	-0.00819537	0.0106909
15/06/2017	03.00.00	0.00670089	-0.00636732	0.00924363
15/06/2017	04.00.00	0.00638811	-0.0065713	0.0091646
15/06/2017	05.00.00	0.00599191	-0.00882825	0.0106696
15/06/2017	06.00.00	0.00572382	-0.0125733	0.0138148
15/06/2017	07.00.00	0.00563958	-0.0173106	0.0182061
15/06/2017	08.00.00	0.00574218	-0.0227161	0.0234306
15/06/2017	09.00.00	0.00612938	-0.0283378	0.0289931
15/06/2017	10.00.00	0.00672798	-0.0332716	0.033945
15/06/2017	11.00.00	0.00743699	-0.0361228	0.0368805
15/06/2017	12.00.00	0.00806249	-0.0356355	0.0365361
15/06/2017	13.00.00	0.00838149	-0.0314978	0.0325938
15/06/2017	14.00.00	0.00824675	-0.0248213	0.0261554
15/06/2017	15.00.00	0.00772497	-0.0177754	0.0193815
15/06/2017	16.00.00	0.00708779	-0.0123546	0.0142433
15/06/2017	17.00.00	0.00657628	-0.00931106	0.0113993
15/06/2017	18.00.00	0.00626504	-0.00828084	0.0103838
15/06/2017	19.00.00	0.0061135	-0.00857951	0.0105348
15/06/2017	20.00.00	0.00604025	-0.00975069	0.01147
15/06/2017	21.00.00	0.0060087	-0.0115113	0.0129852
15/06/2017	22.00.00	0.0060686	-0.0133374	0.0146531
15/06/2017	23.00.00	0.00627986	-0.0142947	0.0156133
16/06/2017	00.00.00	0.00659558	-0.0134357	0.0149672
16/06/2017	01.00.00	0.00688076	-0.0105636	0.0126069
16/06/2017	02.00.00	0.00701854	-0.00670006	0.00970313
16/06/2017	03.00.00	0.00693963	-0.003722	0.00787475



16/06/2017	04.00.00	0.00659261	-0.0032828	0.00736473
16/06/2017	05.00.00	0.00602617	-0.00594821	0.00846735
16/06/2017	06.00.00	0.00550923	-0.0110251	0.012325
16/06/2017	07.00.00	0.00535693	-0.0172785	0.0180899
16/06/2017	08.00.00	0.00559132	-0.0236226	0.0242753
16/06/2017	09.00.00	0.00614546	-0.0294448	0.0300793
16/06/2017	10.00.00	0.00679277	-0.0341255	0.034795
16/06/2017	11.00.00	0.00745168	-0.0368155	0.0375621
16/06/2017	12.00.00	0.00806212	-0.0364211	0.0373028
16/06/2017	13.00.00	0.0084223	-0.0323484	0.0334268
16/06/2017	14.00.00	0.0083457	-0.0252978	0.0266389
16/06/2017	15.00.00	0.00784531	-0.0174221	0.019107
16/06/2017	16.00.00	0.00716244	-0.0112694	0.0133529
16/06/2017	17.00.00	0.00653662	-0.00826125	0.0105345
16/06/2017	18.00.00	0.00608049	-0.00820401	0.0102117
16/06/2017	19.00.00	0.00586223	-0.00994097	0.0115407
16/06/2017	20.00.00	0.00588768	-0.0122176	0.0135623
16/06/2017	21.00.00	0.00605862	-0.0142004	0.0154388
16/06/2017	22.00.00	0.00626828	-0.0154761	0.0166973
16/06/2017	23.00.00	0.00648769	-0.0156451	0.0169369

Lampiran 18.

**Report of Depth Averaged Velocity
PLTGU Muara Karang CCPP 400-500 MW**

SKENARIO III		Location :		Outfall
Date	Time	X component of depth averaged velocity (m/s)	Y component of depth averaged velocity (m/s)	magnitude of depth averaged velocity (m/s)
02/06/2017	00.00.00	0	0	0
02/06/2017	01.00.00	-0.0194795	-0.0908261	0.0928915
02/06/2017	02.00.00	-0.0203812	-0.0941594	0.0963399
02/06/2017	03.00.00	-0.0227731	-0.0954454	0.0981246
02/06/2017	04.00.00	-0.0254666	-0.0979163	0.1011174
02/06/2017	05.00.00	-0.0274432	-0.100063	0.103758
02/06/2017	06.00.00	-0.0279263	-0.100661	0.104463
02/06/2017	07.00.00	-0.02622	-0.0997126	0.103102
02/06/2017	08.00.00	-0.0231653	-0.0975151	0.100229
02/06/2017	09.00.00	-0.0195521	-0.0943258	0.0963309
02/06/2017	10.00.00	-0.0172083	-0.0900587	0.091688
02/06/2017	11.00.00	-0.0154845	-0.0860734	0.0874552
02/06/2017	12.00.00	-0.0143813	-0.0828145	0.0840539
02/06/2017	13.00.00	-0.0138811	-0.0807602	0.0819444
02/06/2017	14.00.00	-0.013972	-0.0802305	0.0814381
02/06/2017	15.00.00	-0.0146221	-0.0813233	0.0826274
02/06/2017	16.00.00	-0.0157443	-0.0837765	0.0852431
02/06/2017	17.00.00	-0.0171351	-0.0869198	0.0885927
02/06/2017	18.00.00	-0.0184473	-0.0898419	0.0917163
02/06/2017	19.00.00	-0.0192987	-0.0918045	0.093811
02/06/2017	20.00.00	-0.0195224	-0.0925787	0.0946147
02/06/2017	21.00.00	-0.0192607	-0.0923993	0.0943855
02/06/2017	22.00.00	-0.0187952	-0.0916872	0.0935938
02/06/2017	23.00.00	-0.0183721	-0.0908575	0.0926964
03/06/2017	00.00.00	-0.0181959	-0.0902922	0.0921074
03/06/2017	01.00.00	-0.0184699	-0.0903965	0.0922641
03/06/2017	02.00.00	-0.0194077	-0.0915347	0.0935695
03/06/2017	03.00.00	-0.0212477	-0.0938046	0.0961809

03/06/2017	04.00.00	-0.0245045	-0.0965493	0.0996104
03/06/2017	05.00.00	-0.0273763	-0.099386	0.103087
03/06/2017	06.00.00	-0.0289154	-0.101115	0.105168
03/06/2017	07.00.00	-0.0279283	-0.101093	0.10488
03/06/2017	08.00.00	-0.0247379	-0.0992117	0.102249
03/06/2017	09.00.00	-0.0206441	-0.0959292	0.0981254
03/06/2017	10.00.00	-0.0177865	-0.0913026	0.093019
03/06/2017	11.00.00	-0.0158403	-0.0870052	0.0884354
03/06/2017	12.00.00	-0.0145996	-0.0834905	0.0847574
03/06/2017	13.00.00	-0.0139725	-0.0811797	0.0823734
03/06/2017	14.00.00	-0.013929	-0.0803008	0.0814999
03/06/2017	15.00.00	-0.0144567	-0.0810129	0.0822927
03/06/2017	16.00.00	-0.0155199	-0.0832258	0.0846605
03/06/2017	17.00.00	-0.0169775	-0.0864456	0.088097
03/06/2017	18.00.00	-0.0184947	-0.0897471	0.091633
03/06/2017	19.00.00	-0.0195571	-0.092135	0.0941877
03/06/2017	20.00.00	-0.0197976	-0.0930673	0.0951497
03/06/2017	21.00.00	-0.0193378	-0.0926825	0.0946784
03/06/2017	22.00.00	-0.0186285	-0.0915574	0.0934333
03/06/2017	23.00.00	-0.018038	-0.0903492	0.0921322
04/06/2017	00.00.00	-0.0177645	-0.0895463	0.0912914
04/06/2017	01.00.00	-0.017934	-0.0894805	0.09126
04/06/2017	02.00.00	-0.018686	-0.0904056	0.0923165
04/06/2017	03.00.00	-0.0202029	-0.0924585	0.09464
04/06/2017	04.00.00	-0.0230129	-0.0952297	0.0979708
04/06/2017	05.00.00	-0.0263281	-0.0982304	0.101697
04/06/2017	06.00.00	-0.0287584	-0.100602	0.104632
04/06/2017	07.00.00	-0.0286693	-0.101479	0.105451
04/06/2017	08.00.00	-0.0259234	-0.10032	0.103615
04/06/2017	09.00.00	-0.0221182	-0.0971678	0.0996534
04/06/2017	10.00.00	-0.0184344	-0.0926087	0.0944256
04/06/2017	11.00.00	-0.016262	-0.0880108	0.0895006
04/06/2017	12.00.00	-0.0148976	-0.0843176	0.0856236
04/06/2017	13.00.00	-0.01419	-0.0818529	0.0830738
04/06/2017	14.00.00	-0.0140522	-0.0807766	0.0819898
04/06/2017	15.00.00	-0.0144597	-0.0811829	0.0824606
04/06/2017	16.00.00	-0.0154057	-0.0830518	0.0844686
04/06/2017	17.00.00	-0.0168181	-0.0860784	0.087706
04/06/2017	18.00.00	-0.0184432	-0.0895072	0.0913875

04/06/2017	19.00.00	-0.0197516	-0.0922855	0.0943755
04/06/2017	20.00.00	-0.0201738	-0.0935801	0.0957299
04/06/2017	21.00.00	-0.0196431	-0.0932595	0.0953058
04/06/2017	22.00.00	-0.0187011	-0.0918548	0.0937392
04/06/2017	23.00.00	-0.0178866	-0.0902188	0.0919748
05/06/2017	00.00.00	-0.017467	-0.0890637	0.0907603
05/06/2017	01.00.00	-0.0175352	-0.0887782	0.0904934
05/06/2017	02.00.00	-0.0181468	-0.0895193	0.0913401
05/06/2017	03.00.00	-0.0193966	-0.0913209	0.0933581
05/06/2017	04.00.00	-0.0215929	-0.0940432	0.0964903
05/06/2017	05.00.00	-0.0247662	-0.0968144	0.099932
05/06/2017	06.00.00	-0.0273808	-0.0995134	0.103212
05/06/2017	07.00.00	-0.0284034	-0.100914	0.104835
05/06/2017	08.00.00	-0.0267166	-0.100346	0.103842
05/06/2017	09.00.00	-0.02297	-0.0979188	0.100577
05/06/2017	10.00.00	-0.0190419	-0.0937742	0.095688
05/06/2017	11.00.00	-0.016675	-0.088994	0.0905427
05/06/2017	12.00.00	-0.0152024	-0.0851063	0.0864534
05/06/2017	13.00.00	-0.0144482	-0.0825623	0.083817
05/06/2017	14.00.00	-0.0142753	-0.0814344	0.0826762
05/06/2017	15.00.00	-0.0146155	-0.0817093	0.0830062
05/06/2017	16.00.00	-0.0154543	-0.0833111	0.0847324
05/06/2017	17.00.00	-0.0167602	-0.0860305	0.0876478
05/06/2017	18.00.00	-0.0183721	-0.0893262	0.091196
05/06/2017	19.00.00	-0.0198491	-0.0922886	0.094399
05/06/2017	20.00.00	-0.0205433	-0.0939704	0.0961897
05/06/2017	21.00.00	-0.0201104	-0.0939533	0.0960815
05/06/2017	22.00.00	-0.0190209	-0.0925223	0.0944573
05/06/2017	23.00.00	-0.0179666	-0.0905466	0.0923119
06/06/2017	00.00.00	-0.0173433	-0.0889647	0.0906394
06/06/2017	01.00.00	-0.0172757	-0.0883523	0.0900254
06/06/2017	02.00.00	-0.017772	-0.0888837	0.090643
06/06/2017	03.00.00	-0.0188336	-0.0904801	0.0924194
06/06/2017	04.00.00	-0.0205067	-0.092906	0.0951423
06/06/2017	05.00.00	-0.0230879	-0.0956709	0.0984173
06/06/2017	06.00.00	-0.0257438	-0.0980422	0.101366
06/06/2017	07.00.00	-0.0269574	-0.099789	0.103366
06/06/2017	08.00.00	-0.0260801	-0.0998501	0.1032
06/06/2017	09.00.00	-0.0228768	-0.097854	0.100493

06/06/2017	10.00.00	-0.0194774	-0.0943325	0.0963224
06/06/2017	11.00.00	-0.0170277	-0.0897007	0.0913026
06/06/2017	12.00.00	-0.0154601	-0.0857646	0.0871469
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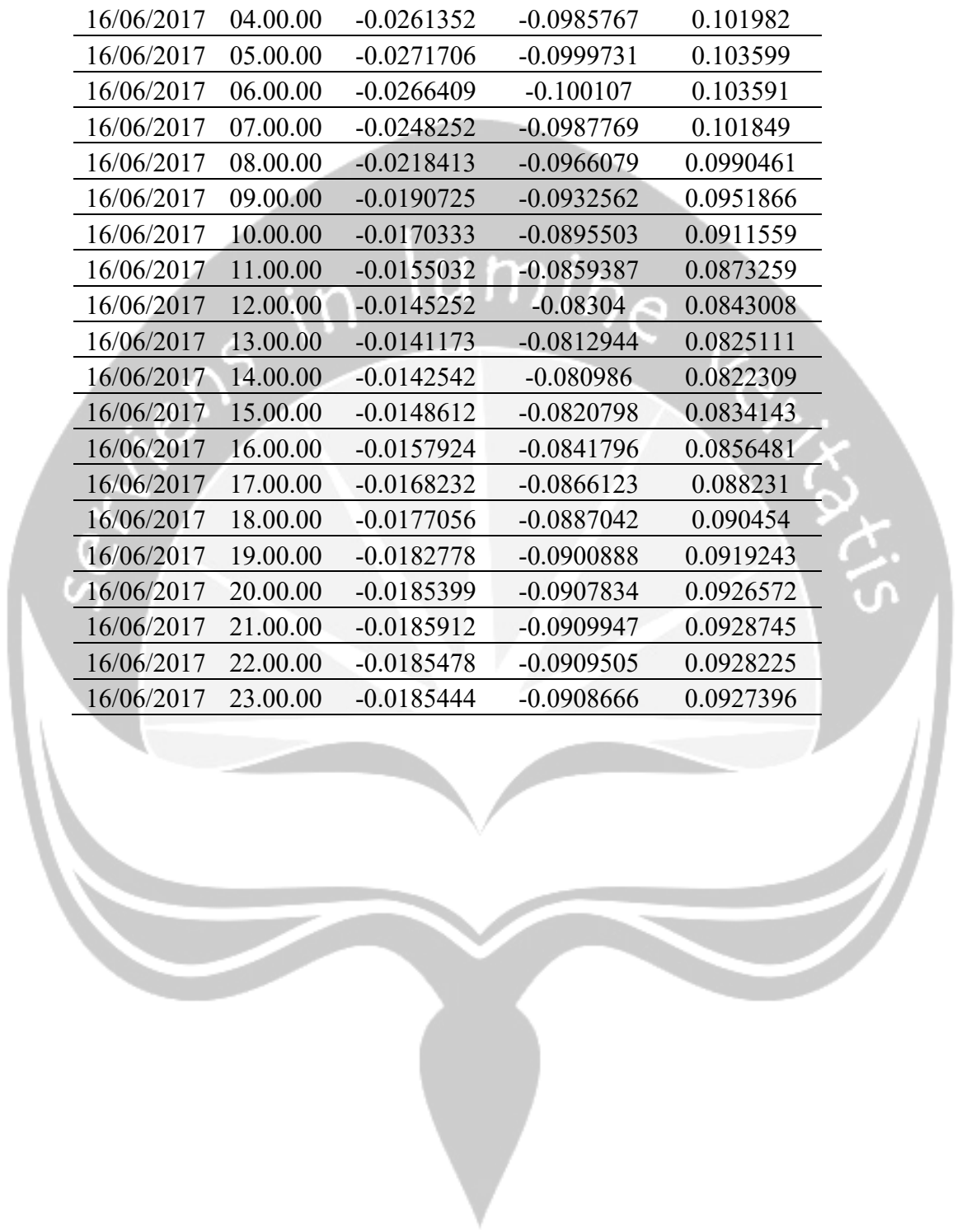
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16/06/2017	16.00.00	-0.0157924	-0.0841796	0.0856481
16/06/2017	17.00.00	-0.0168232	-0.0866123	0.088231
16/06/2017	18.00.00	-0.0177056	-0.0887042	0.090454
16/06/2017	19.00.00	-0.0182778	-0.0900888	0.0919243
16/06/2017	20.00.00	-0.0185399	-0.0907834	0.0926572
16/06/2017	21.00.00	-0.0185912	-0.0909947	0.0928745
16/06/2017	22.00.00	-0.0185478	-0.0909505	0.0928225
16/06/2017	23.00.00	-0.0185444	-0.0908666	0.0927396

Lampiran 19.

**Report of Temperature
PLTGU Muara Karang CCPP 400-500 MW**

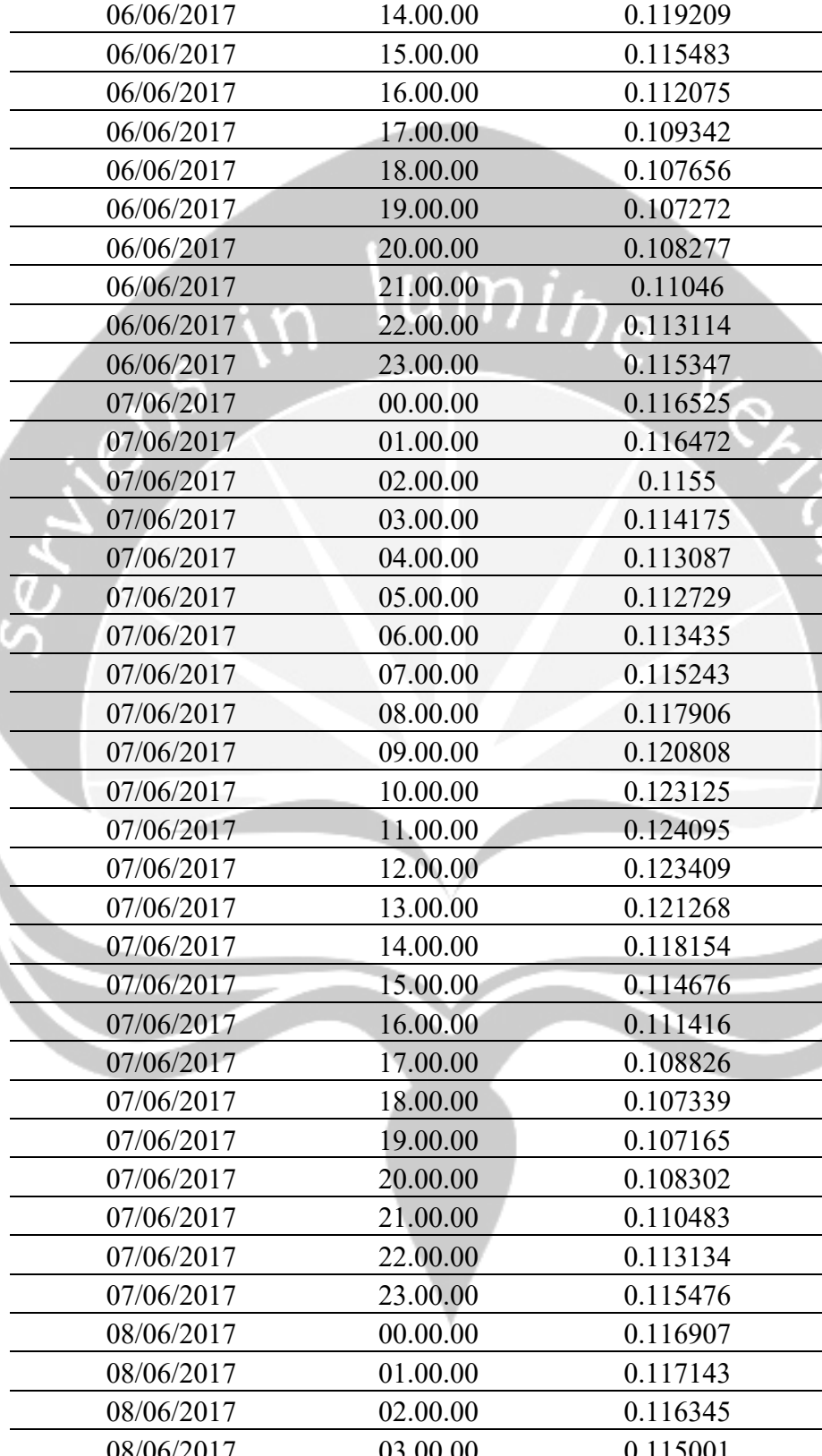
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02/06/2017	04.00.00	5.08E+00
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02/06/2017	07.00.00	0.0105942
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02/06/2017	11.00.00	0.0600753
02/06/2017	12.00.00	0.0698531
02/06/2017	13.00.00	0.0774612
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02/06/2017	21.00.00	0.104028
02/06/2017	22.00.00	0.10714
02/06/2017	23.00.00	0.109502
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03/06/2017	02.00.00	0.111827
03/06/2017	03.00.00	0.111779
03/06/2017	04.00.00	0.111972
03/06/2017	05.00.00	0.112977
03/06/2017	06.00.00	0.115283
03/06/2017	07.00.00	0.118847



03/06/2017	08.00.00	0.122786
03/06/2017	09.00.00	0.125785
03/06/2017	10.00.00	0.126924
03/06/2017	11.00.00	0.126096
03/06/2017	12.00.00	0.123722
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03/06/2017	18.00.00	0.10465
03/06/2017	19.00.00	0.104594
03/06/2017	20.00.00	0.106092
03/06/2017	21.00.00	0.108535
03/06/2017	22.00.00	0.110979
03/06/2017	23.00.00	0.112718
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04/06/2017	04.00.00	0.112451
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04/06/2017	13.00.00	0.122628
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04/06/2017	15.00.00	0.114794
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04/06/2017	17.00.00	0.108308
04/06/2017	18.00.00	0.106509
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04/06/2017	20.00.00	0.107513
04/06/2017	21.00.00	0.109952
04/06/2017	22.00.00	0.112534



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05/06/2017	01.00.00	0.114913
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05/06/2017	06.00.00	0.114609
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05/06/2017	20.00.00	0.108056
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06/06/2017	11.00.00	0.126407
06/06/2017	12.00.00	0.12531
06/06/2017	13.00.00	0.122702



06/06/2017	14.00.00	0.119209
06/06/2017	15.00.00	0.115483
06/06/2017	16.00.00	0.112075
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06/06/2017	20.00.00	0.108277
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06/06/2017	22.00.00	0.113114
06/06/2017	23.00.00	0.115347
07/06/2017	00.00.00	0.116525
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07/06/2017	03.00.00	0.114175
07/06/2017	04.00.00	0.113087
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07/06/2017	12.00.00	0.123409
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08/06/2017	04.00.00	0.11372



08/06/2017	05.00.00	0.113052
08/06/2017	06.00.00	0.113411
08/06/2017	07.00.00	0.114822
08/06/2017	08.00.00	0.116959
08/06/2017	09.00.00	0.119259
08/06/2017	10.00.00	0.121045
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08/06/2017	12.00.00	0.121217
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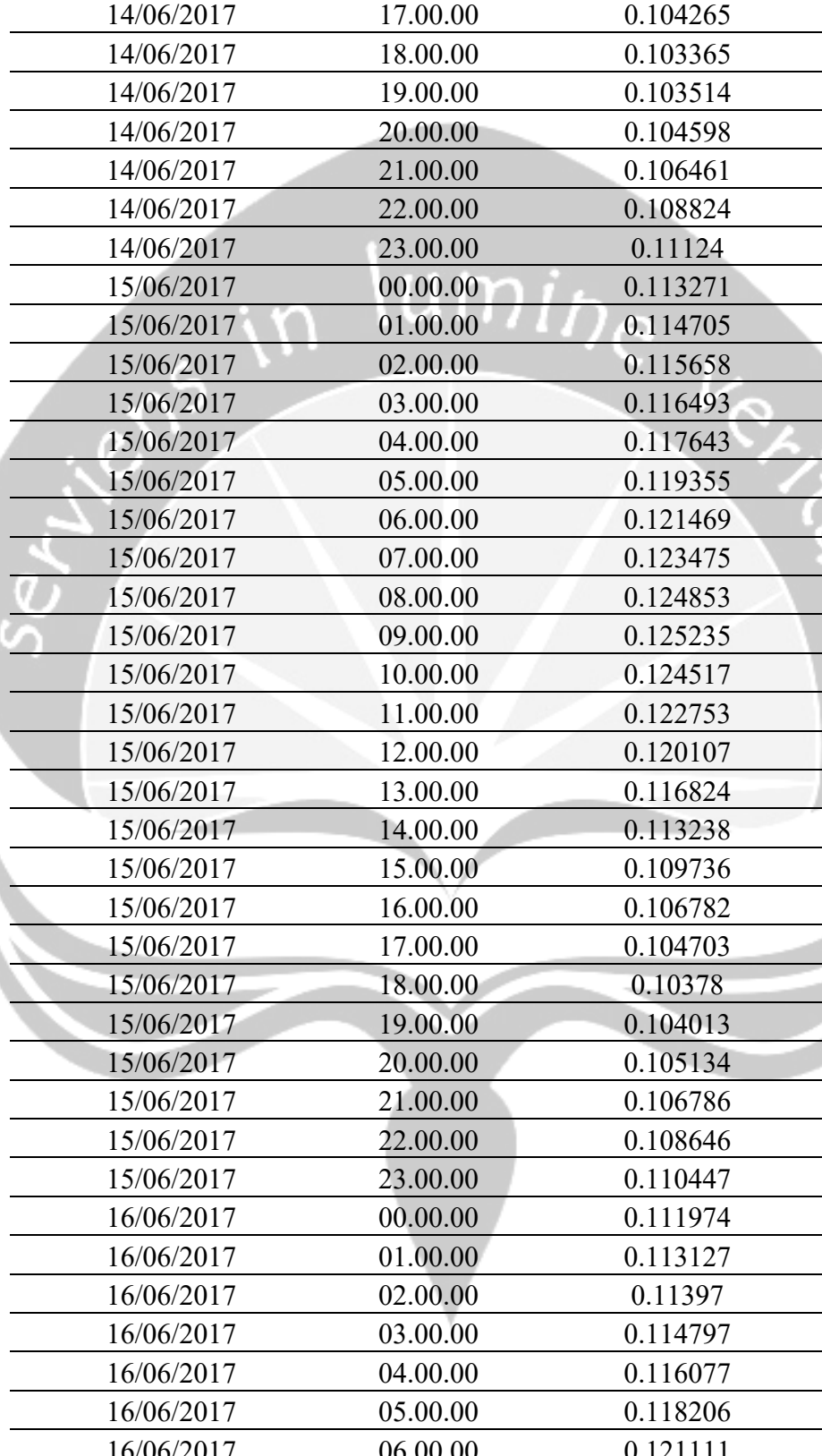
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10/06/2017	10.00.00	0.119088
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10/06/2017	12.00.00	0.117809
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11/06/2017	13.00.00	0.114912
11/06/2017	14.00.00	0.11235
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14/06/2017	06.00.00	0.120973
14/06/2017	07.00.00	0.122091
14/06/2017	08.00.00	0.122877
14/06/2017	09.00.00	0.123093
14/06/2017	10.00.00	0.122524
14/06/2017	11.00.00	0.121026
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14/06/2017	13.00.00	0.115556
14/06/2017	14.00.00	0.112183
14/06/2017	15.00.00	0.108906
14/06/2017	16.00.00	0.106179



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15/06/2017	06.00.00	0.121469
15/06/2017	07.00.00	0.123475
15/06/2017	08.00.00	0.124853
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15/06/2017	22.00.00	0.108646
15/06/2017	23.00.00	0.110447
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16/06/2017	07.00.00	0.124146



16/06/2017	08.00.00	0.126424
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16/06/2017	16.00.00	0.10788
16/06/2017	17.00.00	0.105612
16/06/2017	18.00.00	0.104592
16/06/2017	19.00.00	0.104877
16/06/2017	20.00.00	0.10612
16/06/2017	21.00.00	0.107776
16/06/2017	22.00.00	0.109365
16/06/2017	23.00.00	0.110635


Lampiran 20.

**Report of Temperature
PLTGU Muara Karang CCPP 400-500 MW**

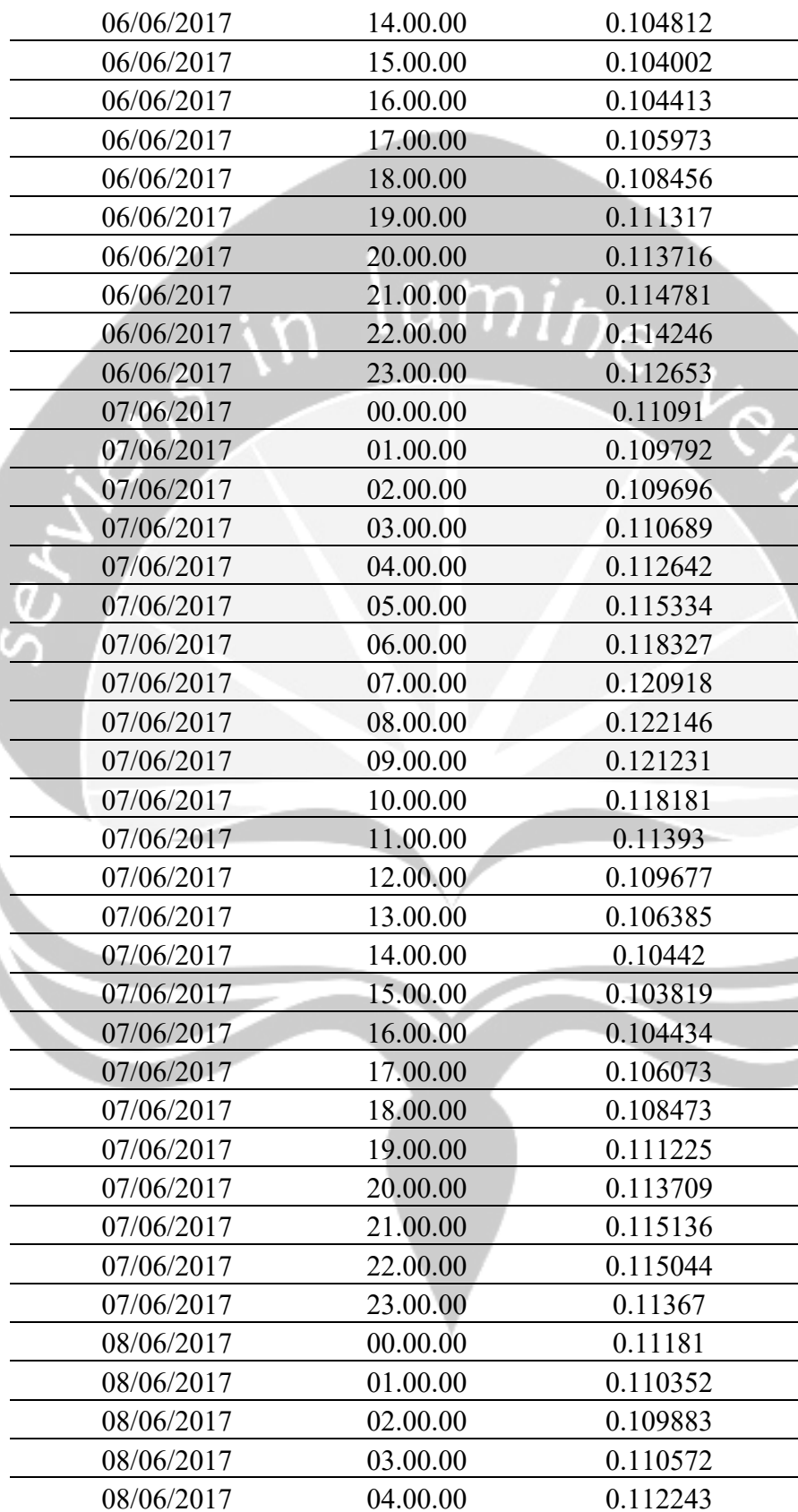
SKENARIO I		Obs 2
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02/06/2017	22.00.00	0.109358
02/06/2017	23.00.00	0.109231
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03/06/2017	03.00.00	0.112102
03/06/2017	04.00.00	0.115528
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03/06/2017	08.00.00	0.123819
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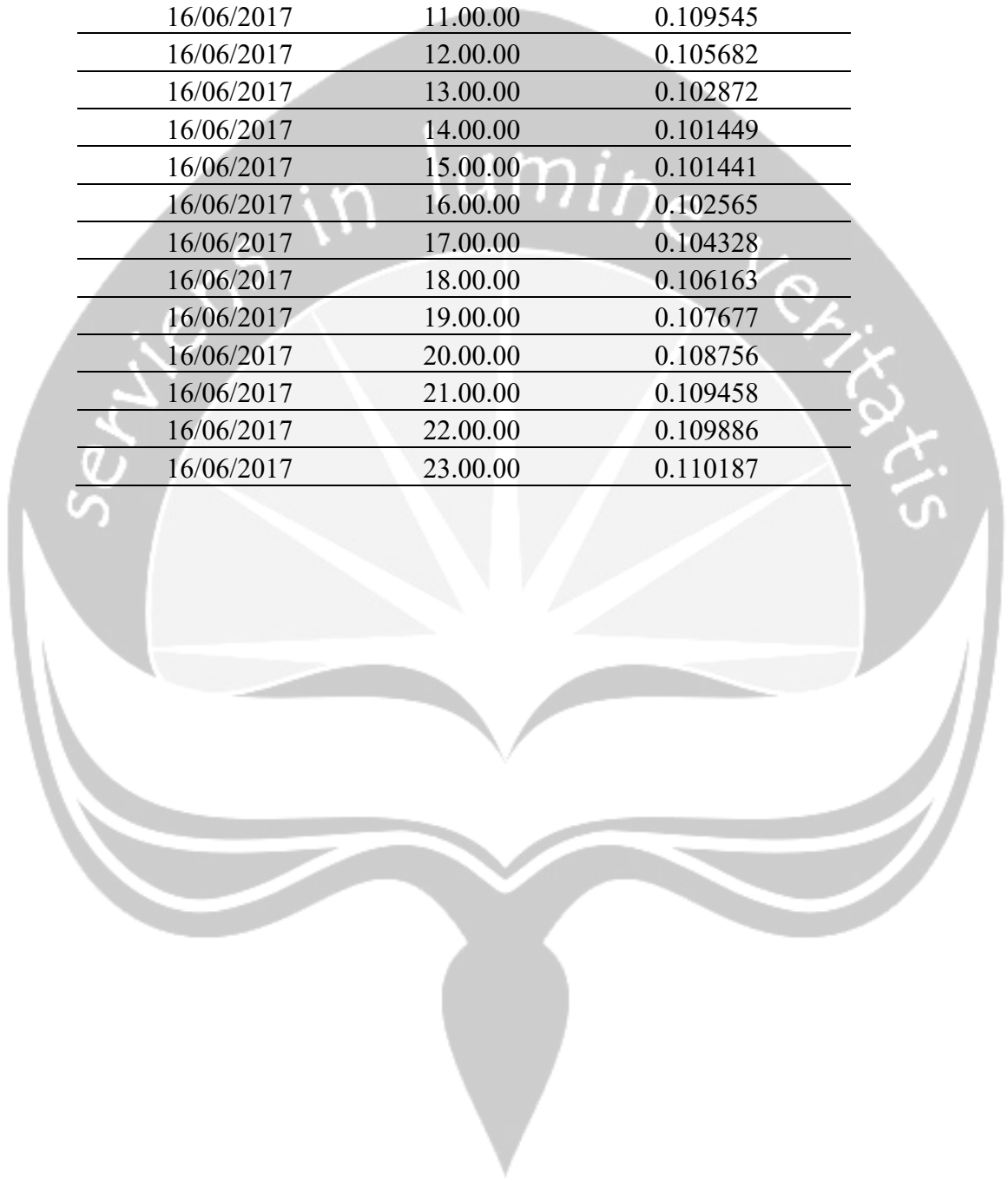


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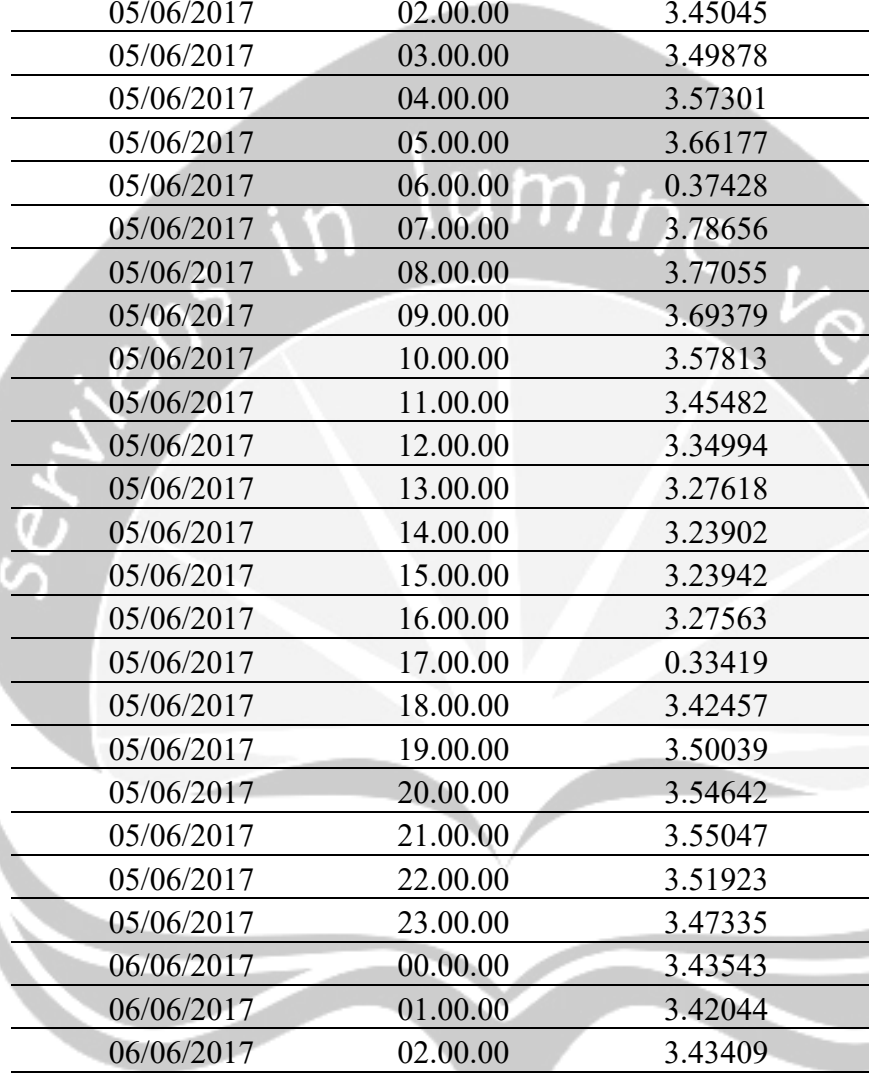
Lampiran 21.

**Report of Temperature
PLTGU Muara Karang CCPP 400-500 MW**

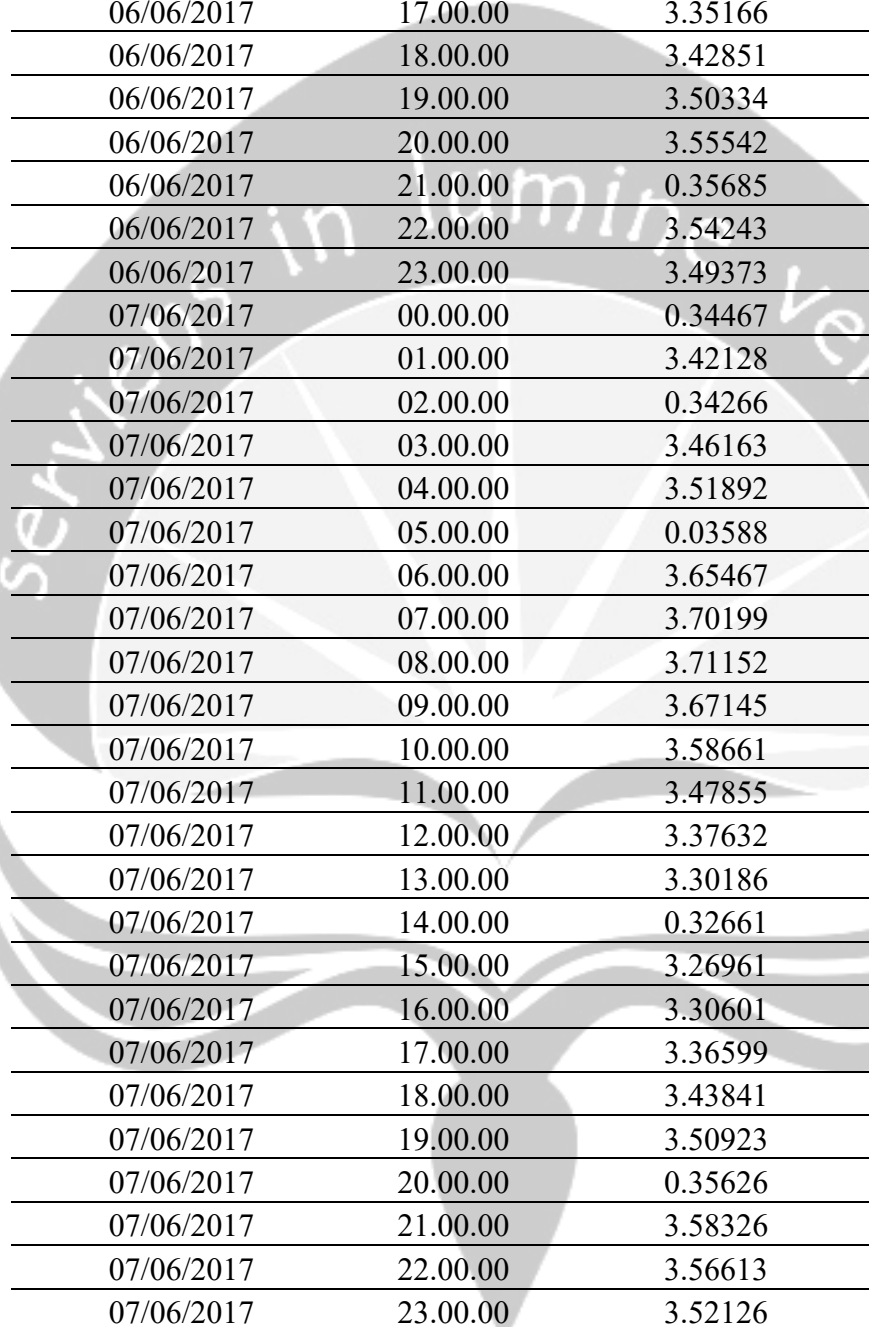
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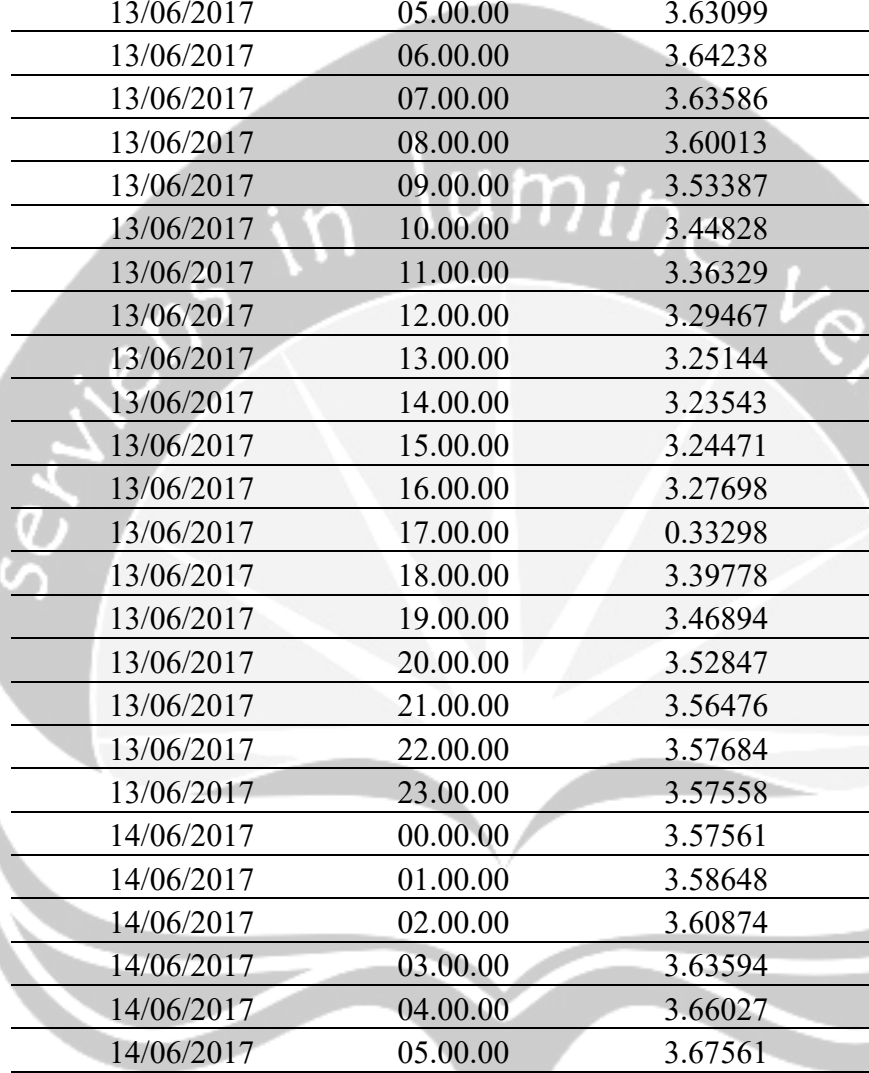
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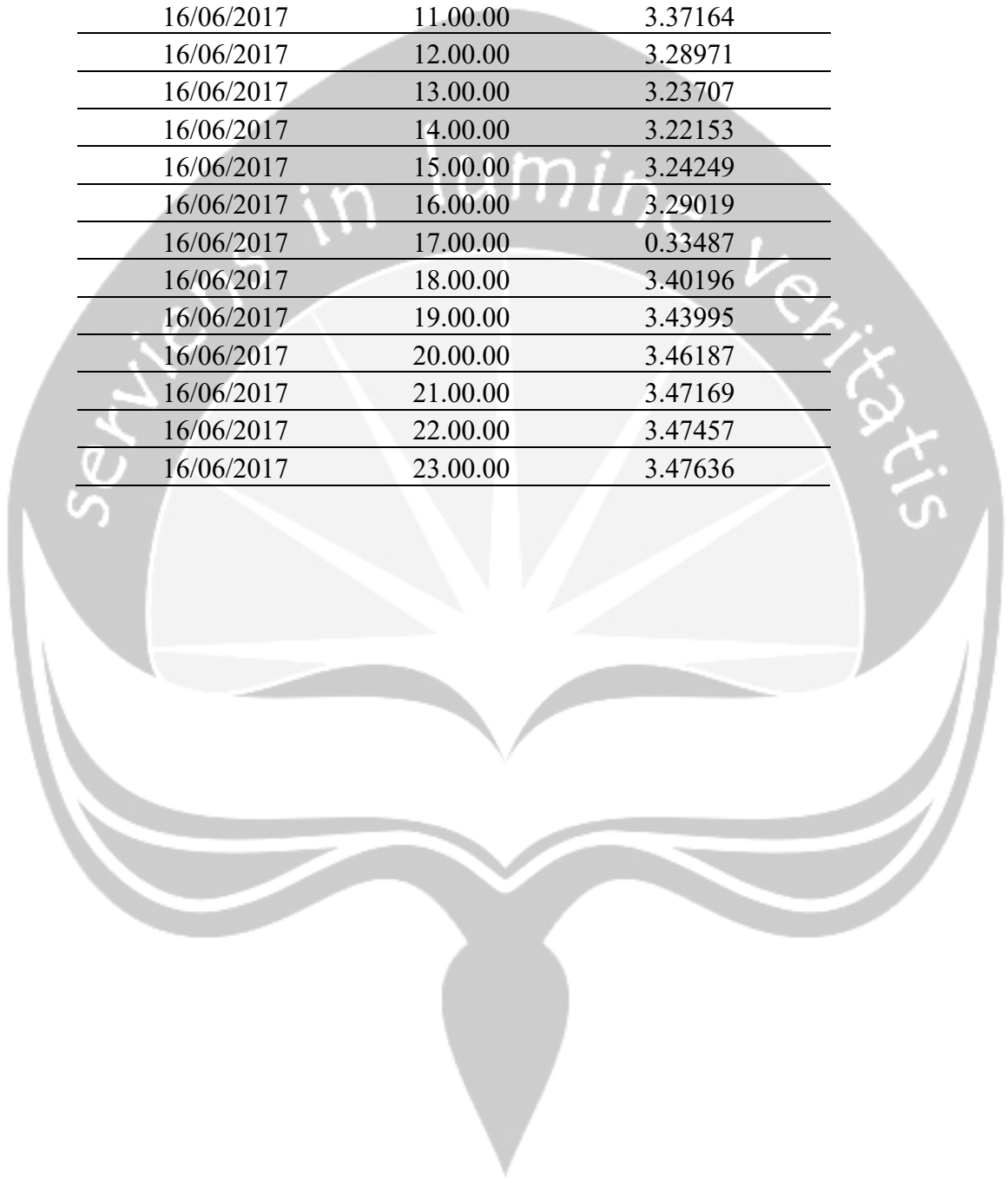


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16/06/2017	22.00.00	3.47457
16/06/2017	23.00.00	3.47636



Lampiran 22.

**Report of Temperature
PLTGU Muara Karang CCPP 400-500 MW**

SKENARIO I		Obs 4
Date	Time	Temperature
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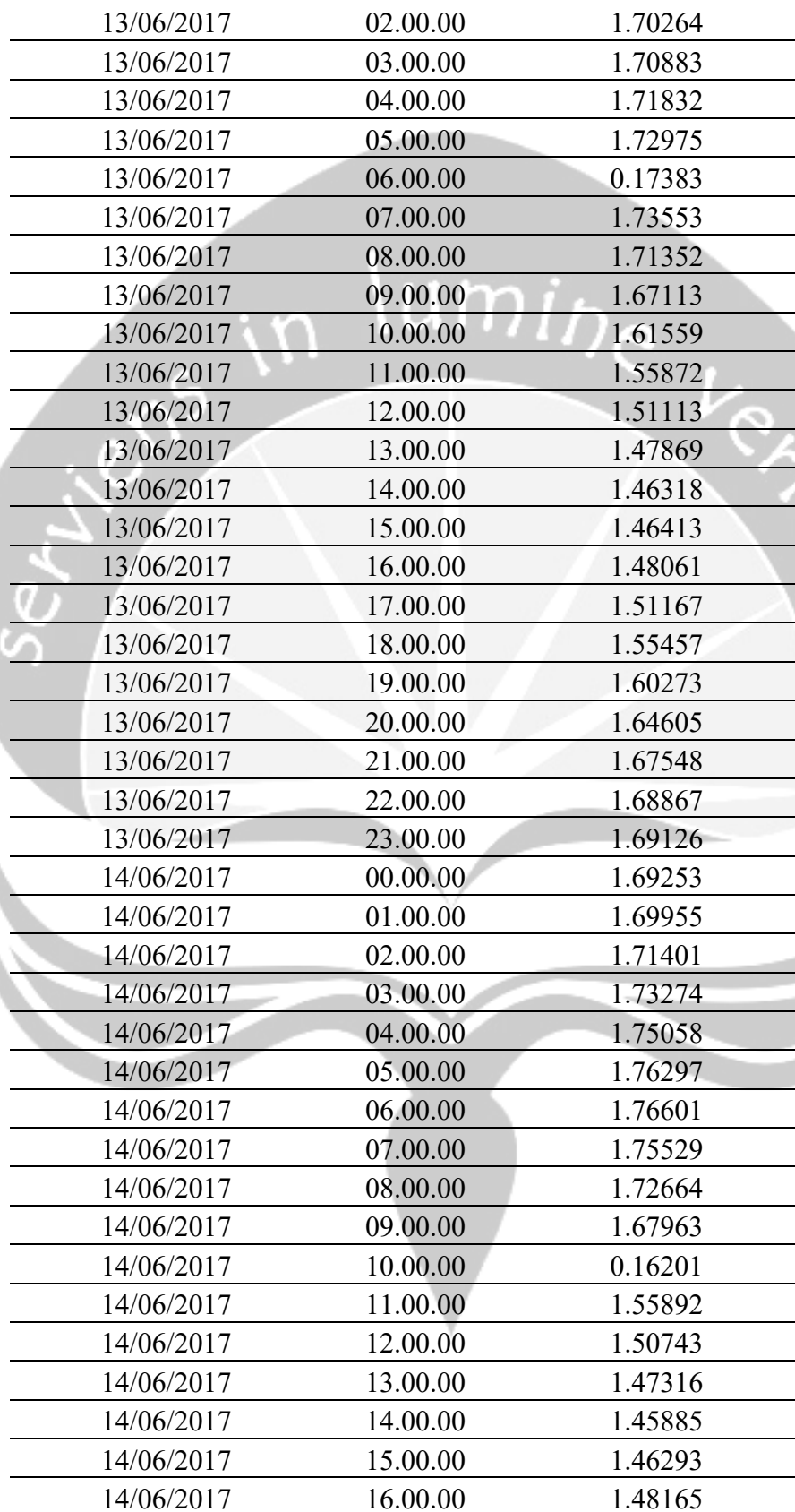
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08/06/2017	22.00.00	1.69951
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09/06/2017	18.00.00	1.59636
09/06/2017	19.00.00	1.64468



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10/06/2017	03.00.00	1.62732
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10/06/2017	06.00.00	1.70341
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10/06/2017	12.00.00	1.55013
10/06/2017	13.00.00	0.15086
10/06/2017	14.00.00	1.48258
10/06/2017	15.00.00	1.47852
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10/06/2017	17.00.00	1.54018
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10/06/2017	22.00.00	1.71328
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11/06/2017	02.00.00	1.65348
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11/06/2017	06.00.00	1.70764
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11/06/2017	09.00.00	1.67294
11/06/2017	10.00.00	1.62831



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11/06/2017	12.00.00	1.53469
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12/06/2017	14.00.00	1.46911
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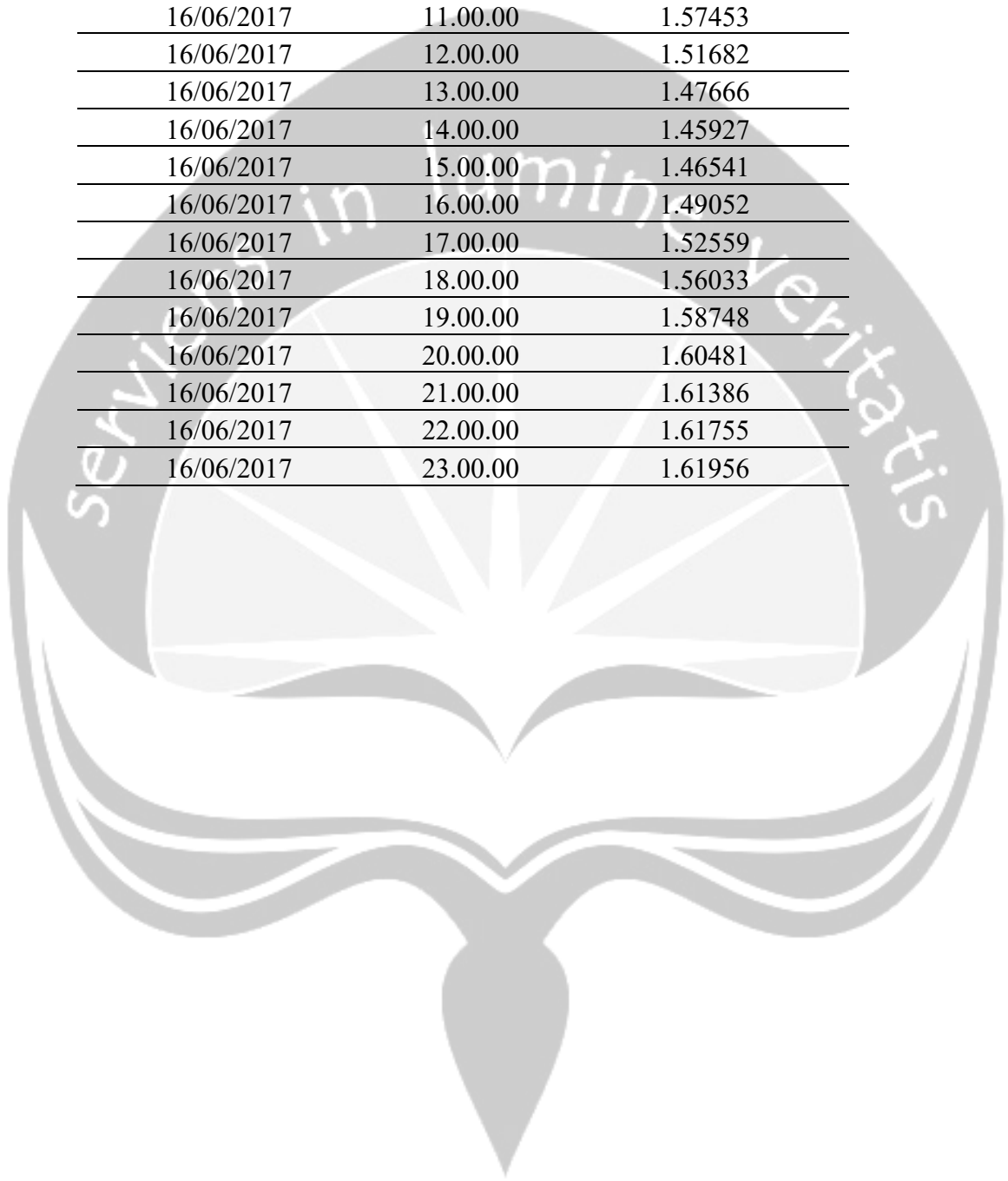


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13/06/2017	14.00.00	1.46318
13/06/2017	15.00.00	1.46413
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13/06/2017	17.00.00	1.51167
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14/06/2017	05.00.00	1.76297
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14/06/2017	09.00.00	1.67963
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14/06/2017	13.00.00	1.47316
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14/06/2017	15.00.00	1.46293
14/06/2017	16.00.00	1.48165



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14/06/2017	19.00.00	1.58786
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14/06/2017	22.00.00	1.66594
14/06/2017	23.00.00	1.67102
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15/06/2017	05.00.00	1.79707
15/06/2017	06.00.00	1.79997
15/06/2017	07.00.00	1.78271
15/06/2017	08.00.00	1.74598
15/06/2017	09.00.00	1.69285
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15/06/2017	22.00.00	1.64013
15/06/2017	23.00.00	1.64561
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16/06/2017	04.00.00	1.78838
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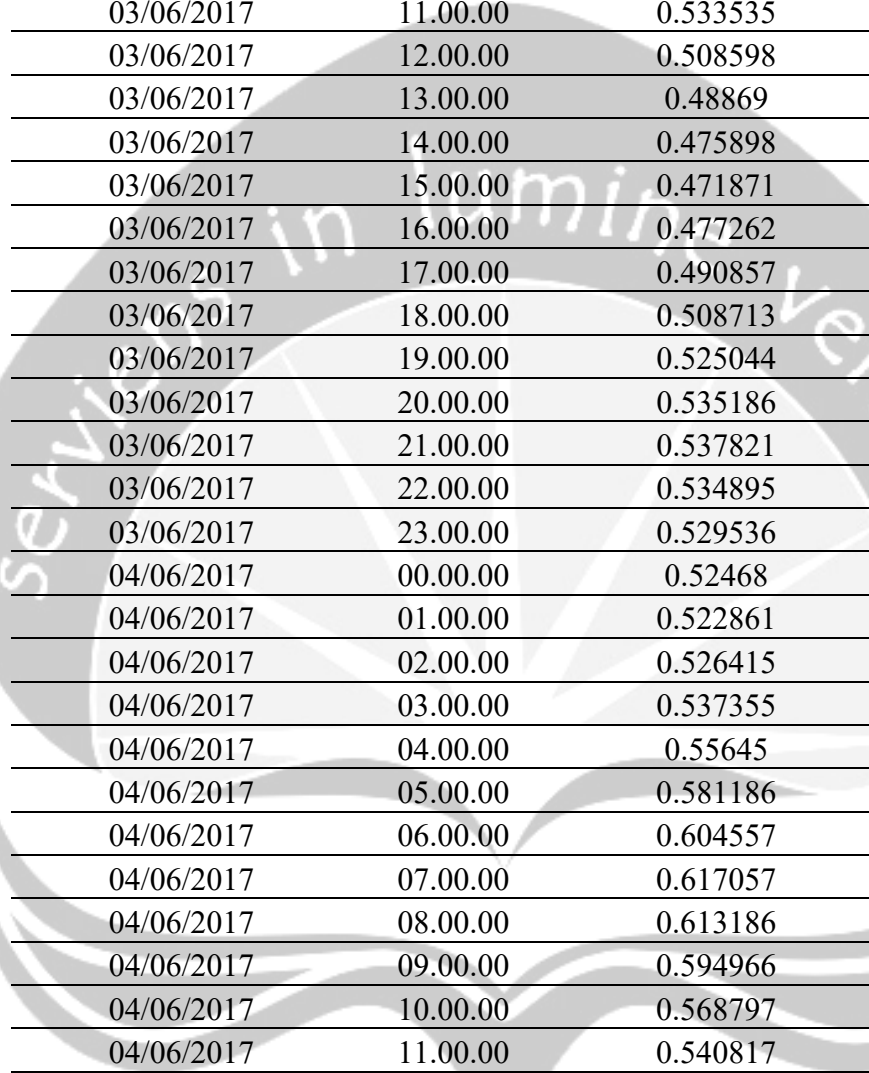
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16/06/2017	12.00.00	1.51682
16/06/2017	13.00.00	1.47666
16/06/2017	14.00.00	1.45927
16/06/2017	15.00.00	1.46541
16/06/2017	16.00.00	1.49052
16/06/2017	17.00.00	1.52559
16/06/2017	18.00.00	1.56033
16/06/2017	19.00.00	1.58748
16/06/2017	20.00.00	1.60481
16/06/2017	21.00.00	1.61386
16/06/2017	22.00.00	1.61755
16/06/2017	23.00.00	1.61956




Lampiran 23.

**Report of Temperature
PLTGU Muara Karang CCPP 400-500 MW**

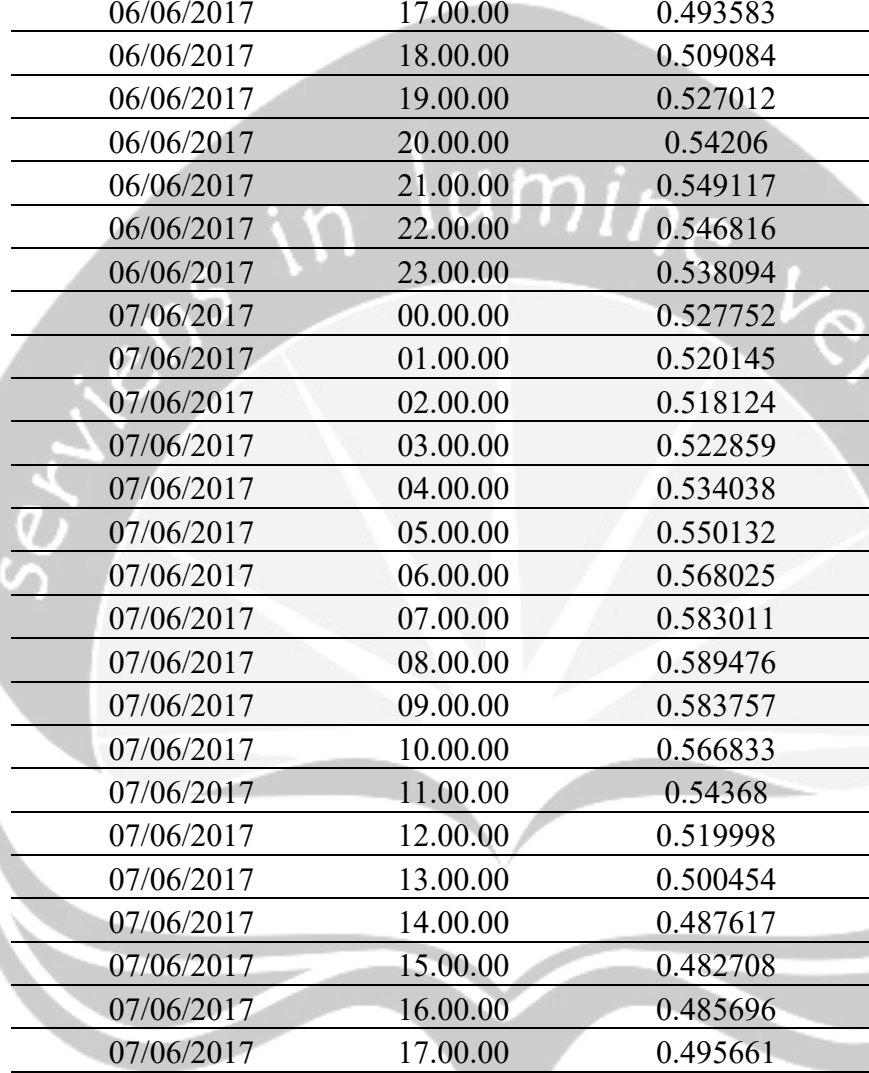
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02/06/2017	09.00.00	0.451446
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02/06/2017	11.00.00	0.46756
02/06/2017	12.00.00	0.465935
02/06/2017	13.00.00	0.463525
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02/06/2017	19.00.00	0.530491
02/06/2017	20.00.00	0.539581
02/06/2017	21.00.00	0.542715
02/06/2017	22.00.00	0.541406
02/06/2017	23.00.00	0.537805
03/06/2017	00.00.00	0.53431
03/06/2017	01.00.00	0.533616
03/06/2017	02.00.00	0.538527
03/06/2017	03.00.00	0.551195
03/06/2017	04.00.00	0.571425
03/06/2017	05.00.00	0.595
03/06/2017	06.00.00	0.613546
03/06/2017	07.00.00	0.619058




03/06/2017	08.00.00	0.60929
03/06/2017	09.00.00	0.588056
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04/06/2017	04.00.00	0.55645
04/06/2017	05.00.00	0.581186
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04/06/2017	07.00.00	0.617057
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04/06/2017	22.00.00	0.537762




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06/06/2017	13.00.00	0.501411



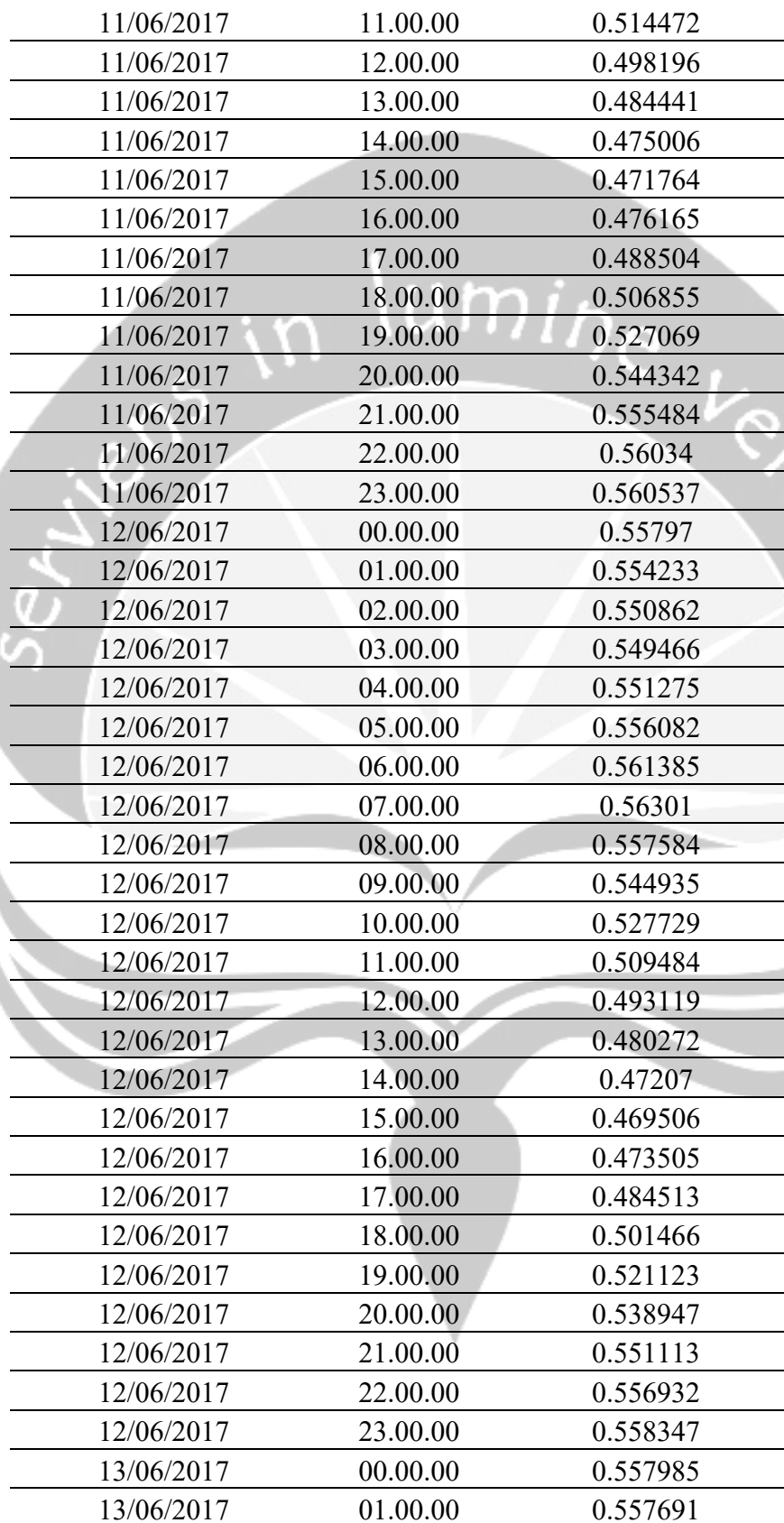
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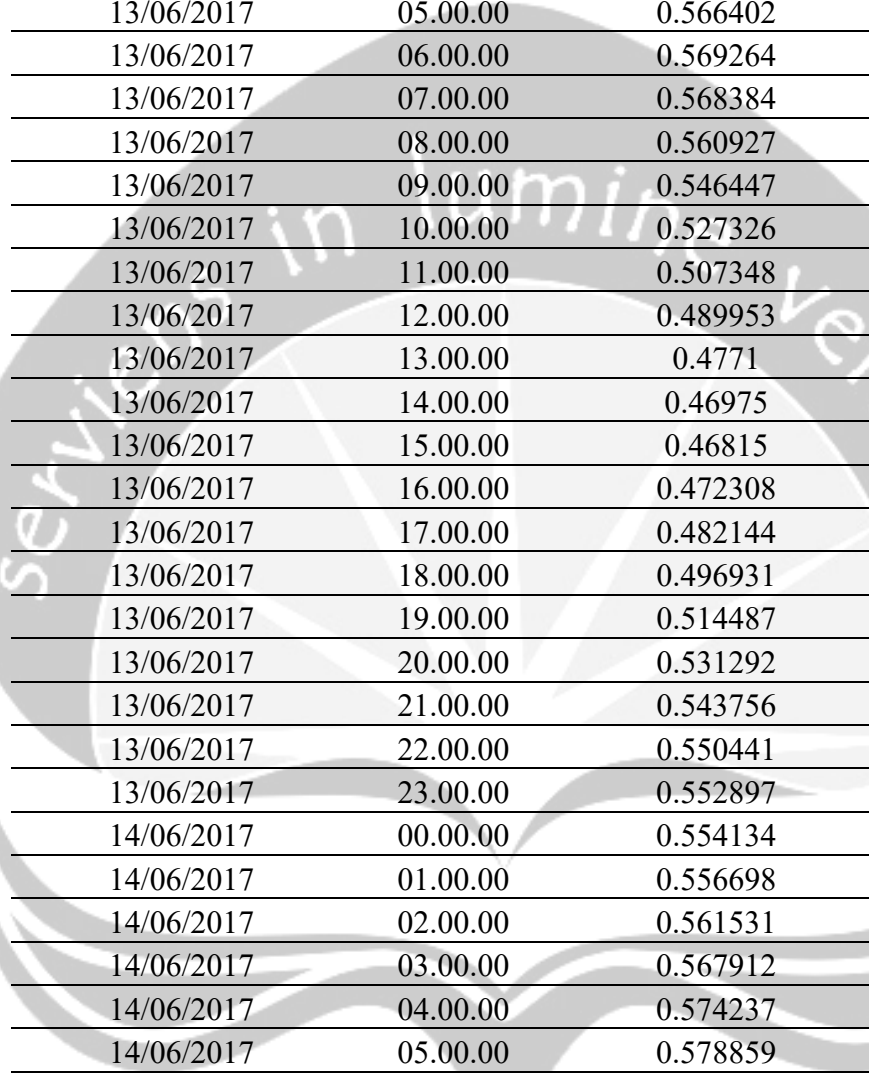
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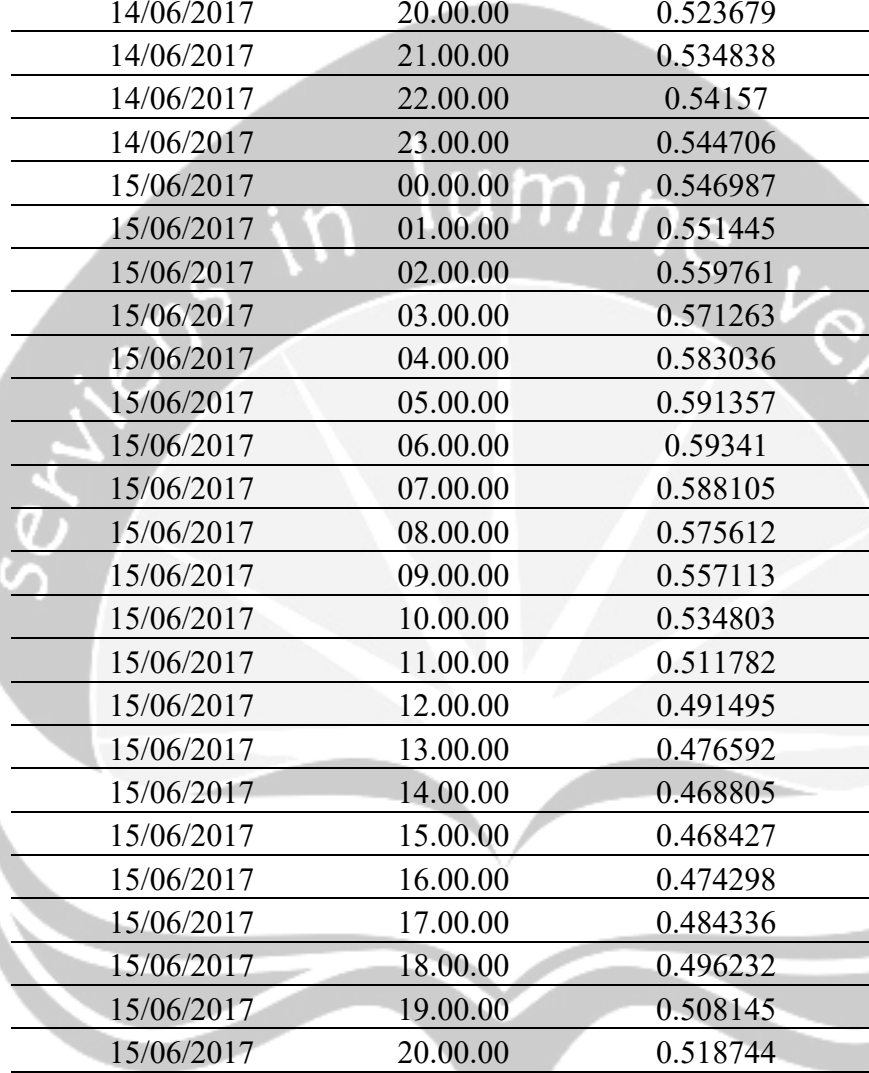
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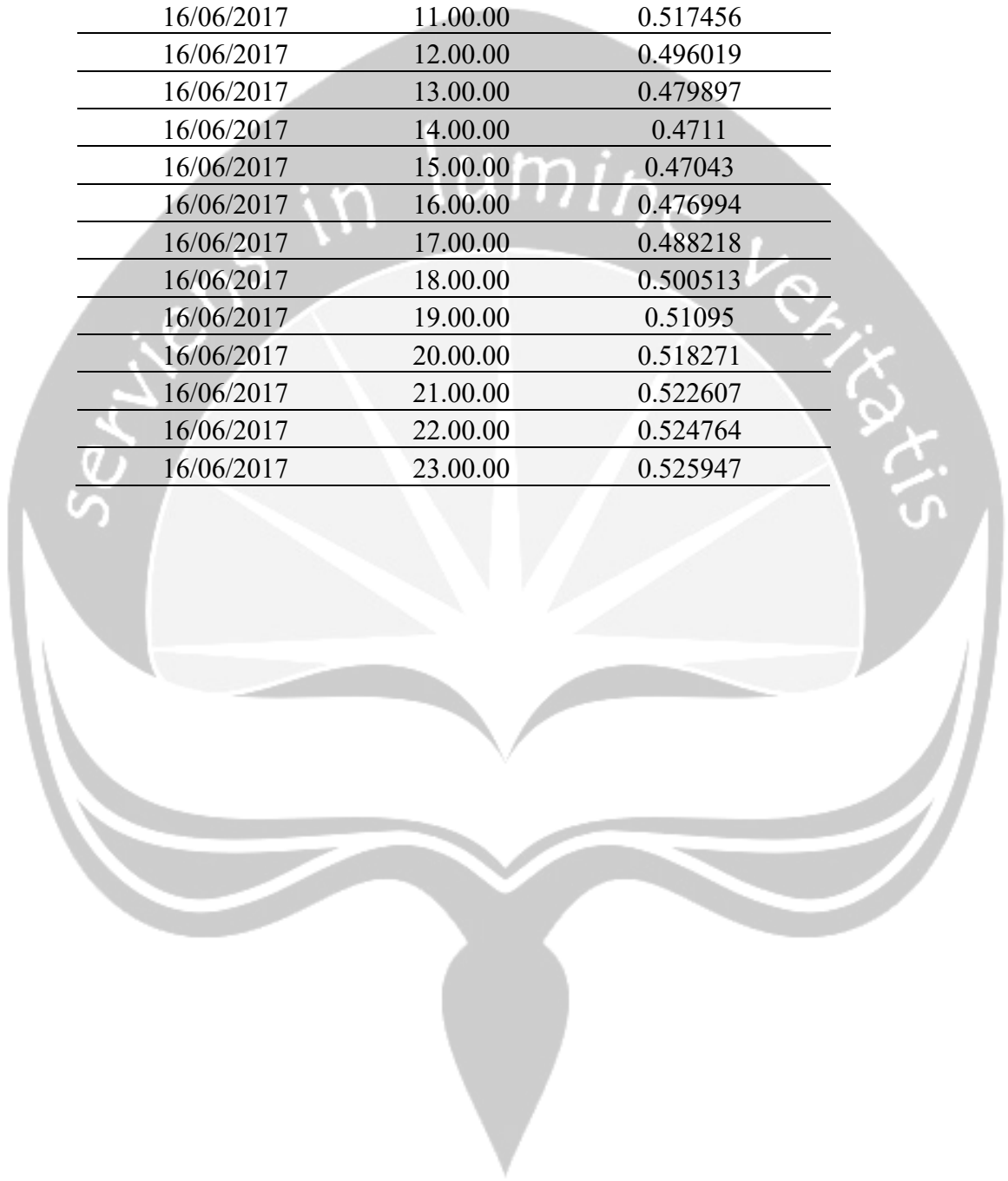


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Lampiran 24.

**Report of Temperature
PLTGU Muara Karang CCPP 400-500 MW**

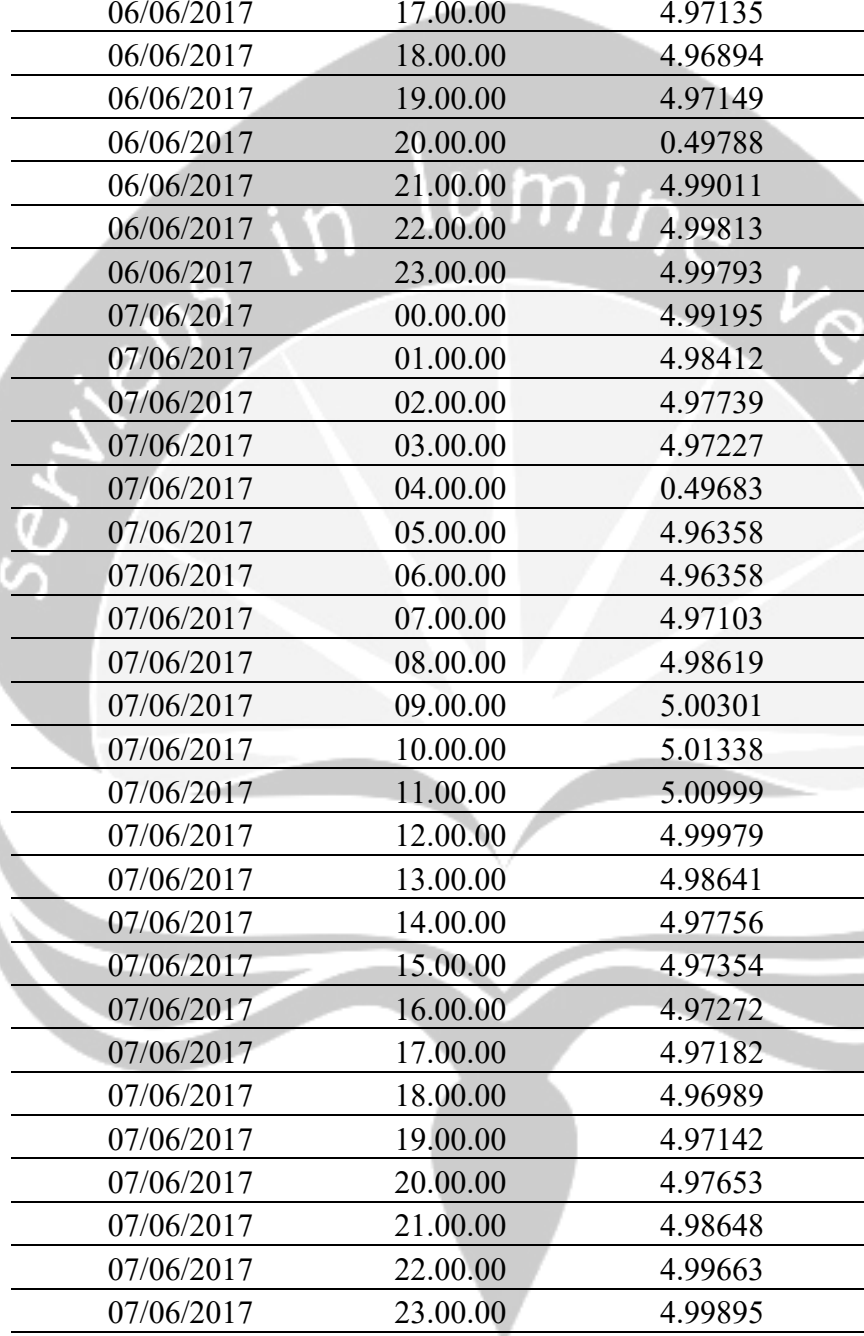
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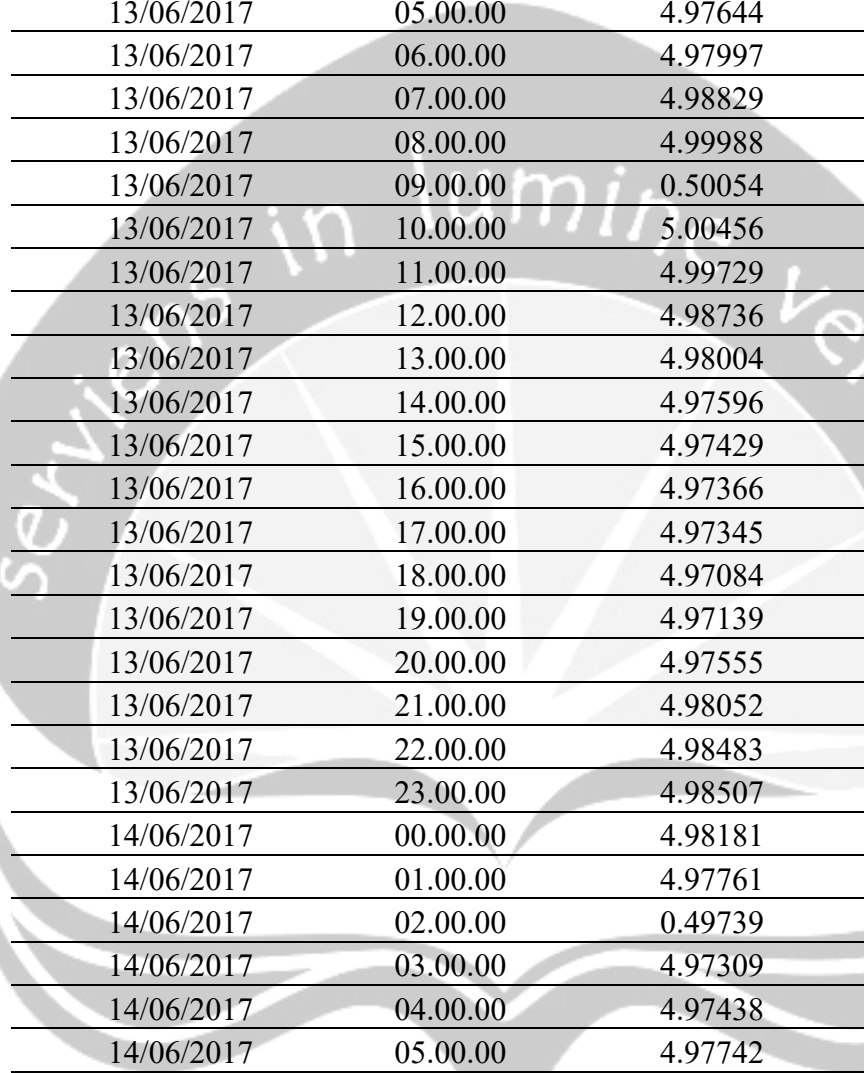
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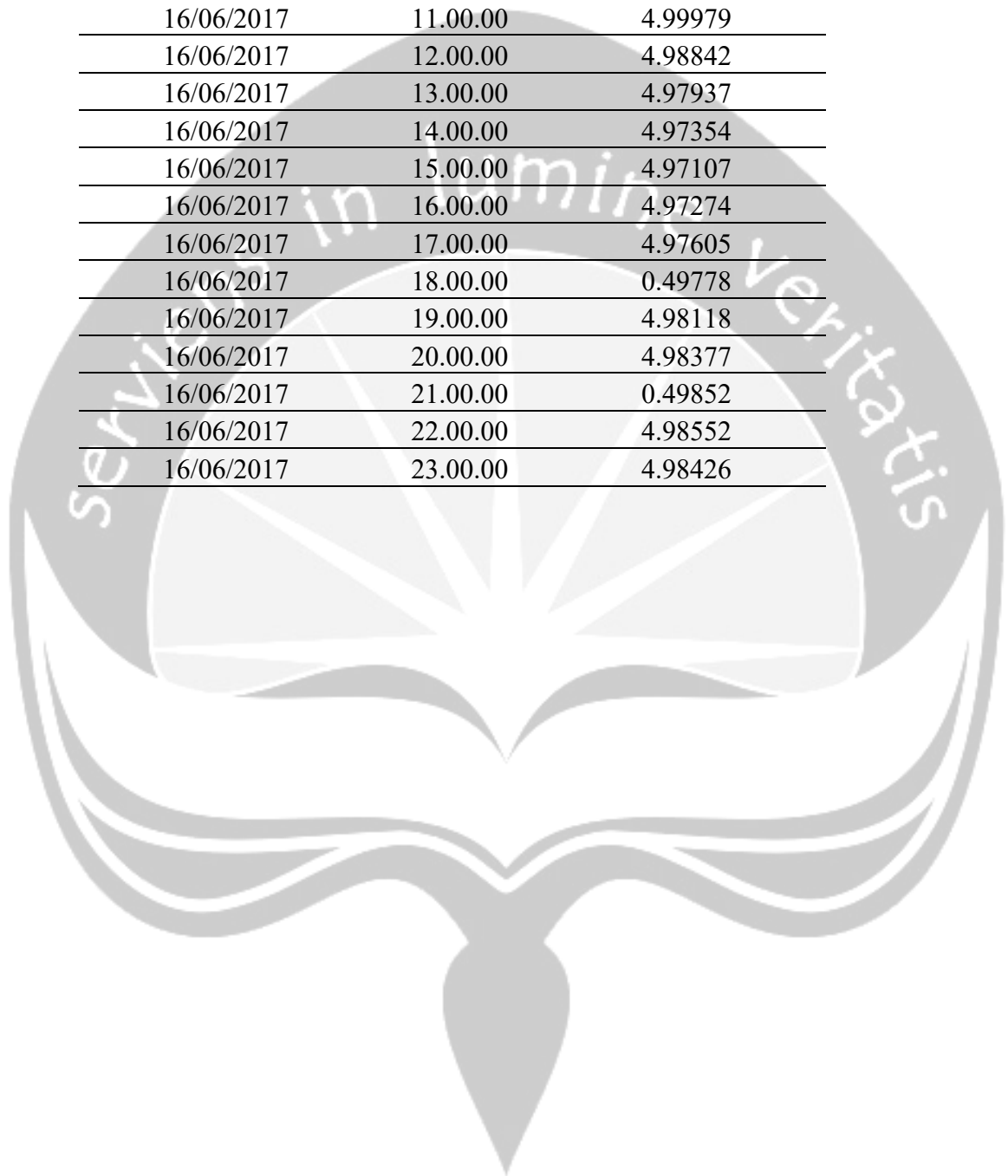


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14/06/2017	15.00.00	4.97346
14/06/2017	16.00.00	4.97422



14/06/2017	17.00.00	0.49754
14/06/2017	18.00.00	4.97389
14/06/2017	19.00.00	4.97413
14/06/2017	20.00.00	4.97678
14/06/2017	21.00.00	4.98116
14/06/2017	22.00.00	4.98512
14/06/2017	23.00.00	0.49854
15/06/2017	00.00.00	4.98162
15/06/2017	01.00.00	4.97515
15/06/2017	02.00.00	4.96856
15/06/2017	03.00.00	4.96616
15/06/2017	04.00.00	4.96873
15/06/2017	05.00.00	4.97547
15/06/2017	06.00.00	4.98469
15/06/2017	07.00.00	4.99401
15/06/2017	08.00.00	5.00301
15/06/2017	09.00.00	5.00761
15/06/2017	10.00.00	5.00657
15/06/2017	11.00.00	4.99906
15/06/2017	12.00.00	4.98763
15/06/2017	13.00.00	4.97896
15/06/2017	14.00.00	4.97397
15/06/2017	15.00.00	4.97218
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15/06/2017	18.00.00	4.97659
15/06/2017	19.00.00	4.97775
15/06/2017	20.00.00	4.97969
15/06/2017	21.00.00	4.98228
15/06/2017	22.00.00	4.98447
15/06/2017	23.00.00	4.98434
16/06/2017	00.00.00	4.98073
16/06/2017	01.00.00	4.97465
16/06/2017	02.00.00	4.96564
16/06/2017	03.00.00	4.95998
16/06/2017	04.00.00	4.96081
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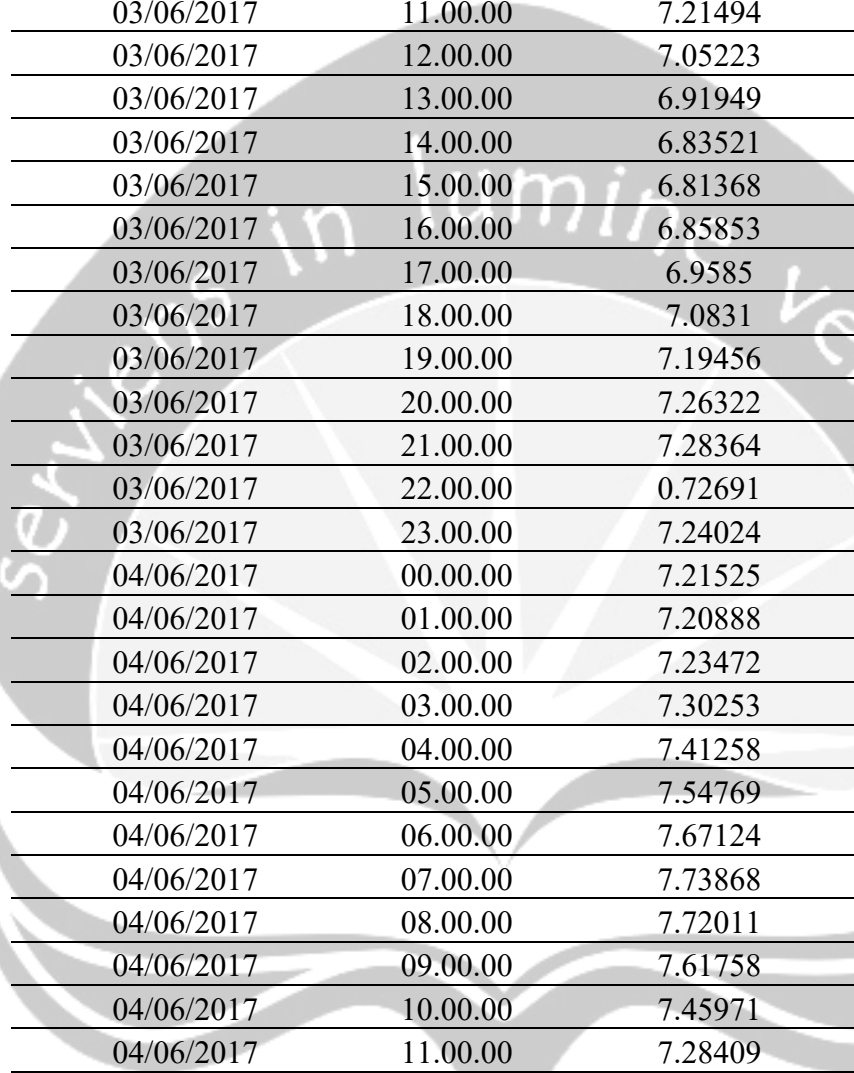
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16/06/2017	12.00.00	4.98842
16/06/2017	13.00.00	4.97937
16/06/2017	14.00.00	4.97354
16/06/2017	15.00.00	4.97107
16/06/2017	16.00.00	4.97274
16/06/2017	17.00.00	4.97605
16/06/2017	18.00.00	0.49778
16/06/2017	19.00.00	4.98118
16/06/2017	20.00.00	4.98377
16/06/2017	21.00.00	0.49852
16/06/2017	22.00.00	4.98552
16/06/2017	23.00.00	4.98426



Lampiran 25.

**Report of Temperature
PLTGU Muara Karang CCPP 400-500 MW**


SKENARIO II		Obs 1
Date	Time	Temperature
02/06/2017	00.00.00	0
02/06/2017	01.00.00	3.13E+00
02/06/2017	02.00.00	4.35459
02/06/2017	03.00.00	5.16061
02/06/2017	04.00.00	5.7836
02/06/2017	05.00.00	6.26248
02/06/2017	06.00.00	6.59392
02/06/2017	07.00.00	6.78275
02/06/2017	08.00.00	6.85188
02/06/2017	09.00.00	6.83539
02/06/2017	10.00.00	6.76748
02/06/2017	11.00.00	6.67689
02/06/2017	12.00.00	6.58854
02/06/2017	13.00.00	6.52648
02/06/2017	14.00.00	6.51122
02/06/2017	15.00.00	6.55434
02/06/2017	16.00.00	6.65404
02/06/2017	17.00.00	6.79226
02/06/2017	18.00.00	6.93665
02/06/2017	19.00.00	7.05708
02/06/2017	20.00.00	7.13548
02/06/2017	21.00.00	7.17352
02/06/2017	22.00.00	7.18247
02/06/2017	23.00.00	7.17646
03/06/2017	00.00.00	7.1705
03/06/2017	01.00.00	7.18113
03/06/2017	02.00.00	7.22442
03/06/2017	03.00.00	7.31058
03/06/2017	04.00.00	7.43437
03/06/2017	05.00.00	7.56968
03/06/2017	06.00.00	7.67507
03/06/2017	07.00.00	7.71176



03/06/2017	08.00.00	7.66454
03/06/2017	09.00.00	7.54653
03/06/2017	10.00.00	7.38696
03/06/2017	11.00.00	7.21494
03/06/2017	12.00.00	7.05223
03/06/2017	13.00.00	6.91949
03/06/2017	14.00.00	6.83521
03/06/2017	15.00.00	6.81368
03/06/2017	16.00.00	6.85853
03/06/2017	17.00.00	6.9585
03/06/2017	18.00.00	7.0831
03/06/2017	19.00.00	7.19456
03/06/2017	20.00.00	7.26322
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03/06/2017	22.00.00	0.72691
03/06/2017	23.00.00	7.24024
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04/06/2017	01.00.00	7.20888
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04/06/2017	03.00.00	7.30253
04/06/2017	04.00.00	7.41258
04/06/2017	05.00.00	7.54769
04/06/2017	06.00.00	7.67124
04/06/2017	07.00.00	7.73868
04/06/2017	08.00.00	7.72011
04/06/2017	09.00.00	7.61758
04/06/2017	10.00.00	7.45971
04/06/2017	11.00.00	7.28409
04/06/2017	12.00.00	7.11694
04/06/2017	13.00.00	6.97921
04/06/2017	14.00.00	6.88661
04/06/2017	15.00.00	6.85181
04/06/2017	16.00.00	6.88071
04/06/2017	17.00.00	6.96821
04/06/2017	18.00.00	7.0905
04/06/2017	19.00.00	7.21055
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04/06/2017	21.00.00	7.31446
04/06/2017	22.00.00	7.29242



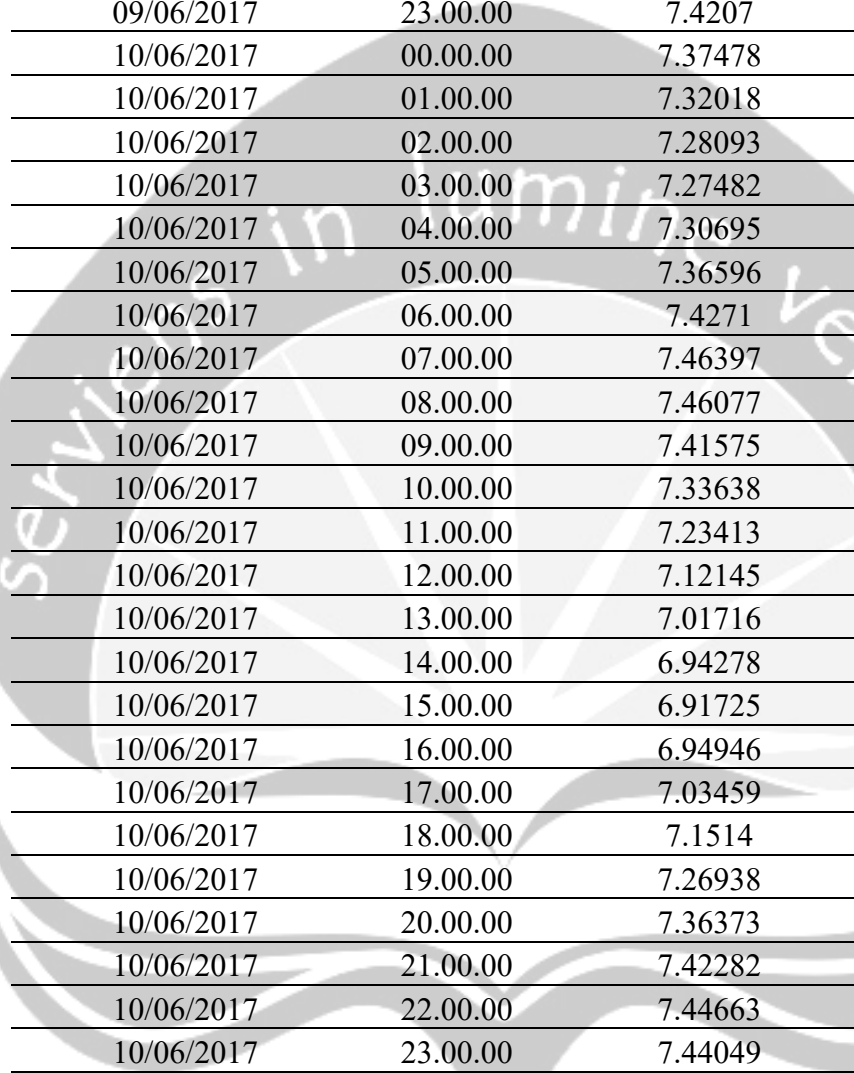
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05/06/2017	03.00.00	7.26345
05/06/2017	04.00.00	7.35935
05/06/2017	05.00.00	7.48518
05/06/2017	06.00.00	7.61312
05/06/2017	07.00.00	7.70215
05/06/2017	08.00.00	7.71467
05/06/2017	09.00.00	7.63863
05/06/2017	10.00.00	7.49429
05/06/2017	11.00.00	7.32166
05/06/2017	12.00.00	7.15435
05/06/2017	13.00.00	7.0168
05/06/2017	14.00.00	6.92395
05/06/2017	15.00.00	6.88525
05/06/2017	16.00.00	6.9049
05/06/2017	17.00.00	6.98039
05/06/2017	18.00.00	7.09461
05/06/2017	19.00.00	7.21682
05/06/2017	20.00.00	7.30761
05/06/2017	21.00.00	7.34228
05/06/2017	22.00.00	7.32154
05/06/2017	23.00.00	7.26937
06/06/2017	00.00.00	7.2163
06/06/2017	01.00.00	7.1852
06/06/2017	02.00.00	7.18944
06/06/2017	03.00.00	7.23396
06/06/2017	04.00.00	7.31613
06/06/2017	05.00.00	7.42665
06/06/2017	06.00.00	7.54501
06/06/2017	07.00.00	7.6389
06/06/2017	08.00.00	7.67259
06/06/2017	09.00.00	7.62463
06/06/2017	10.00.00	7.50255
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06/06/2017	12.00.00	7.17693
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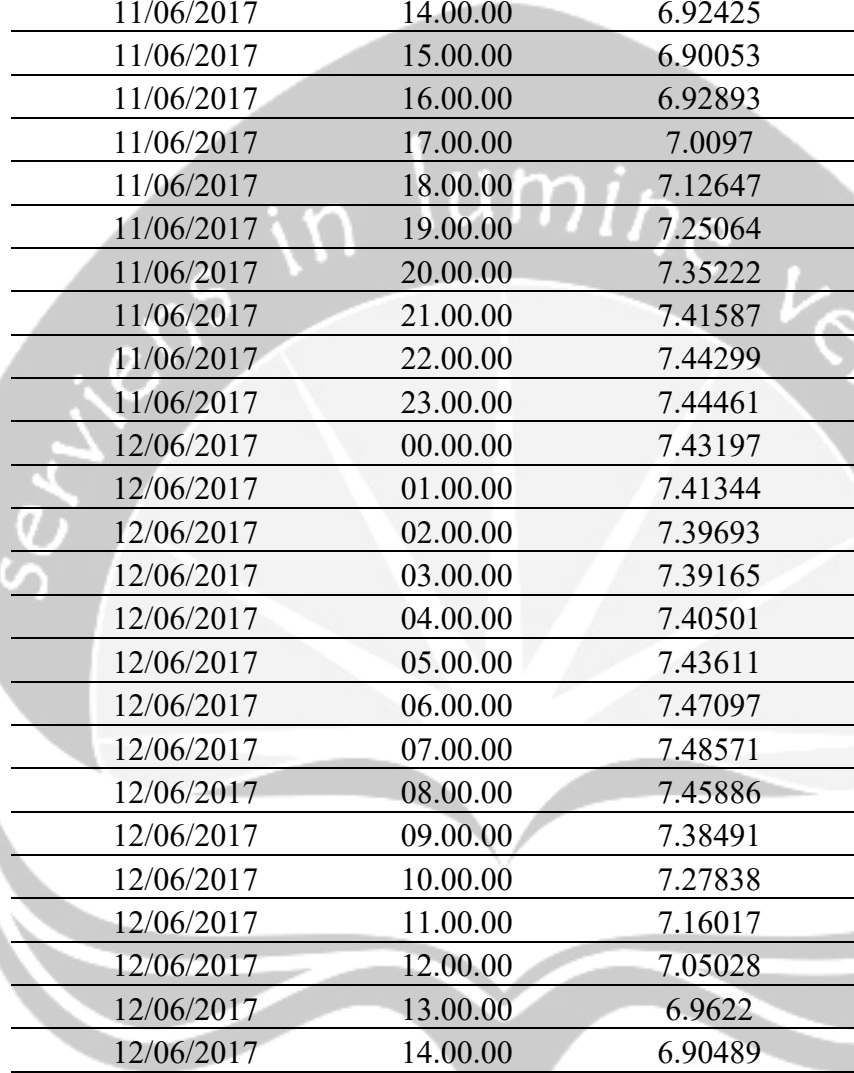
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06/06/2017	18.00.00	7.10778
06/06/2017	19.00.00	7.2254
06/06/2017	20.00.00	7.32154
06/06/2017	21.00.00	7.36827
06/06/2017	22.00.00	7.35665
06/06/2017	23.00.00	7.30314
07/06/2017	00.00.00	7.23963
07/06/2017	01.00.00	7.19429
07/06/2017	02.00.00	7.18544
07/06/2017	03.00.00	7.21871
07/06/2017	04.00.00	7.28929
07/06/2017	05.00.00	7.38453
07/06/2017	06.00.00	7.48643
07/06/2017	07.00.00	7.57076
07/06/2017	08.00.00	7.60977
07/06/2017	09.00.00	7.58168
07/06/2017	10.00.00	7.48394
07/06/2017	11.00.00	7.33972
07/06/2017	12.00.00	7.18465
07/06/2017	13.00.00	7.05252
07/06/2017	14.00.00	6.9662
07/06/2017	15.00.00	6.93549
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07/06/2017	17.00.00	7.02856
07/06/2017	18.00.00	7.12871
07/06/2017	19.00.00	7.23952
07/06/2017	20.00.00	7.33479
07/06/2017	21.00.00	7.39001
07/06/2017	22.00.00	7.39126
07/06/2017	23.00.00	7.34541
08/06/2017	00.00.00	7.27878
08/06/2017	01.00.00	7.22223
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08/06/2017	03.00.00	7.21932
08/06/2017	04.00.00	7.27881



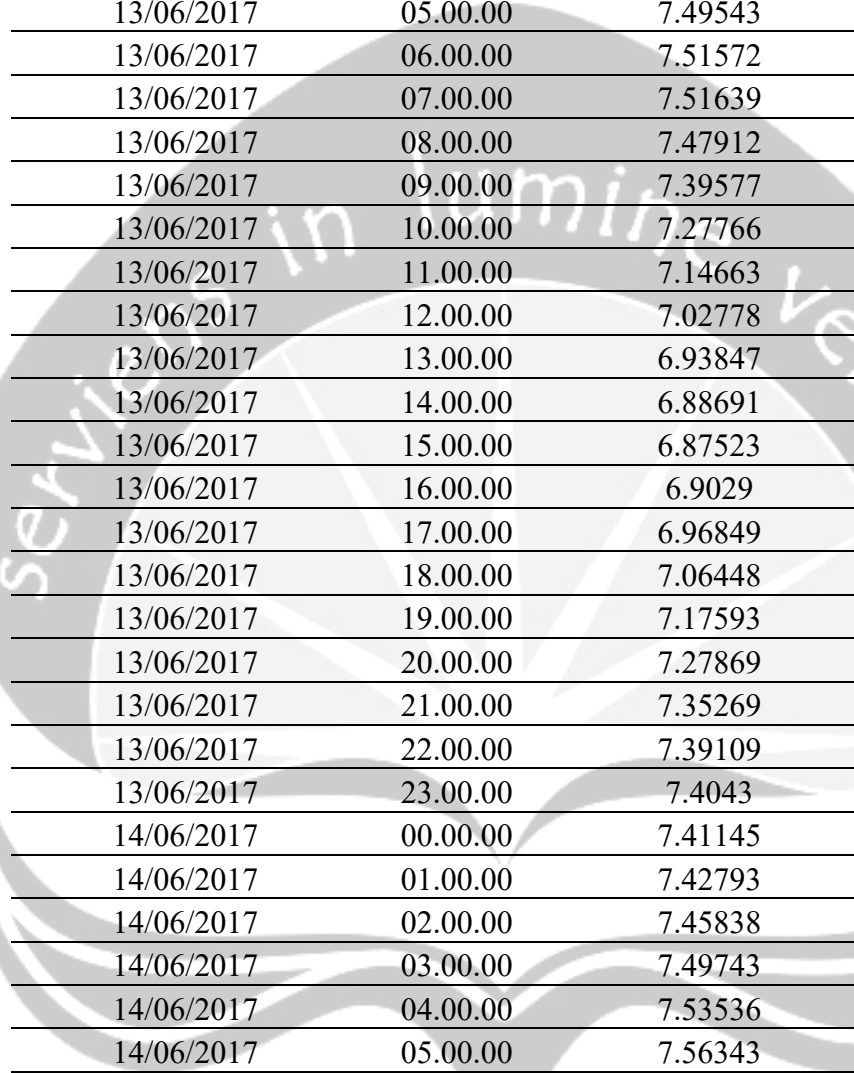
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08/06/2017	10.00.00	7.44244
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08/06/2017	12.00.00	7.17694
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08/06/2017	14.00.00	6.96734
08/06/2017	15.00.00	6.94047
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09/06/2017	07.00.00	7.47835
09/06/2017	08.00.00	7.49208
09/06/2017	09.00.00	7.46227
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09/06/2017	11.00.00	7.28029
09/06/2017	12.00.00	7.15469
09/06/2017	13.00.00	7.03842
09/06/2017	14.00.00	6.95821
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09/06/2017	16.00.00	6.96599
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09/06/2017	18.00.00	7.15917
09/06/2017	19.00.00	7.26965



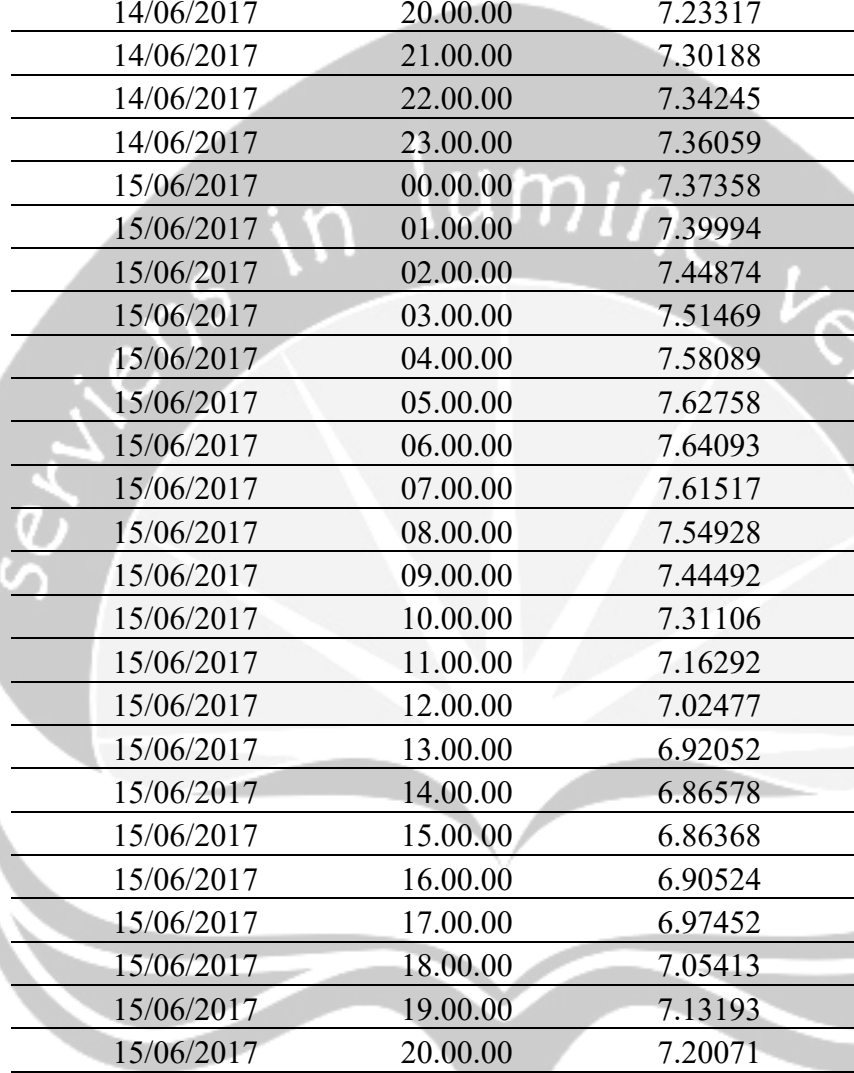
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10/06/2017	10.00.00	7.33638
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11/06/2017	10.00.00	7.29777



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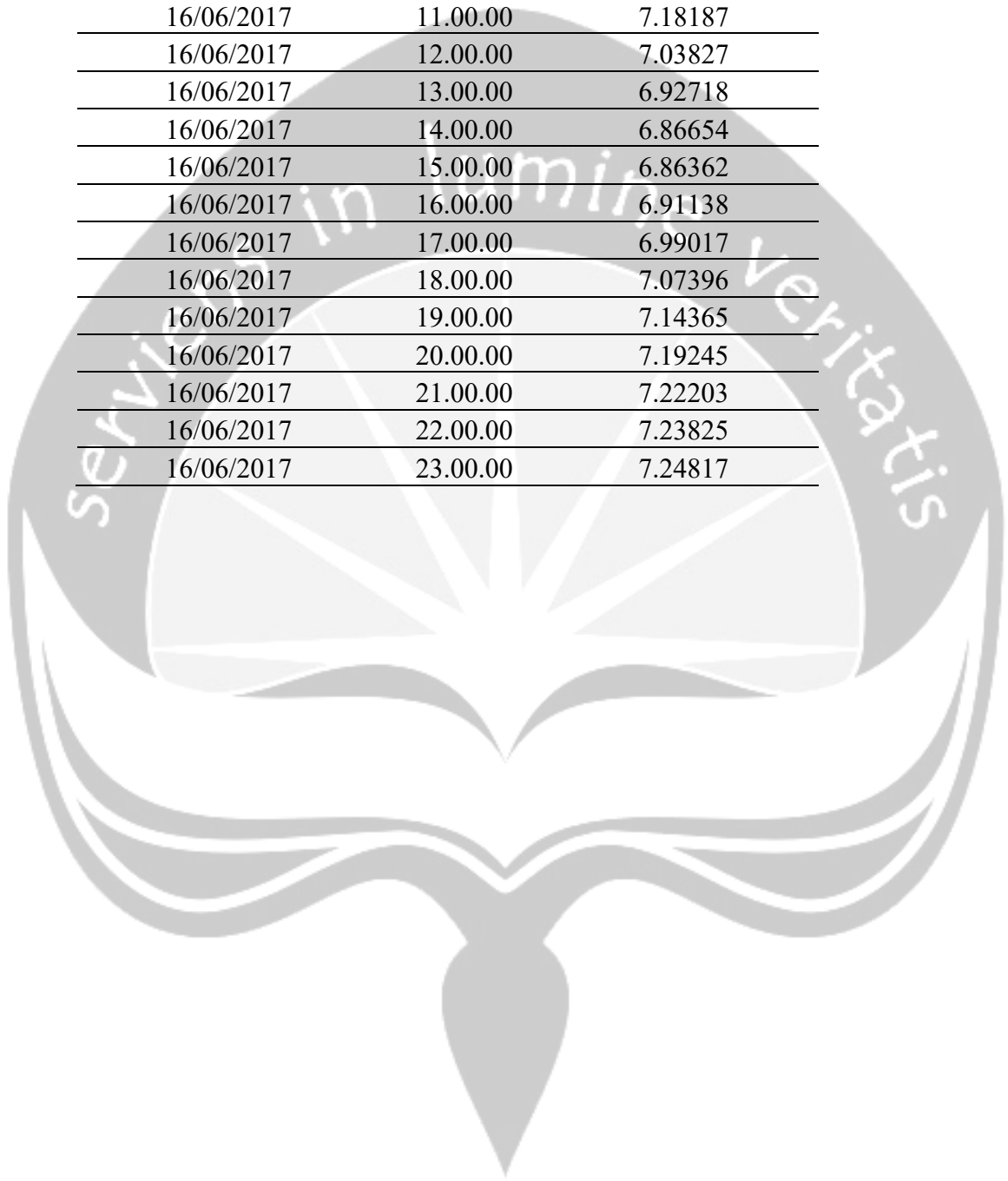


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16/06/2017	17.00.00	6.99017
16/06/2017	18.00.00	7.07396
16/06/2017	19.00.00	7.14365
16/06/2017	20.00.00	7.19245
16/06/2017	21.00.00	7.22203
16/06/2017	22.00.00	7.23825
16/06/2017	23.00.00	7.24817



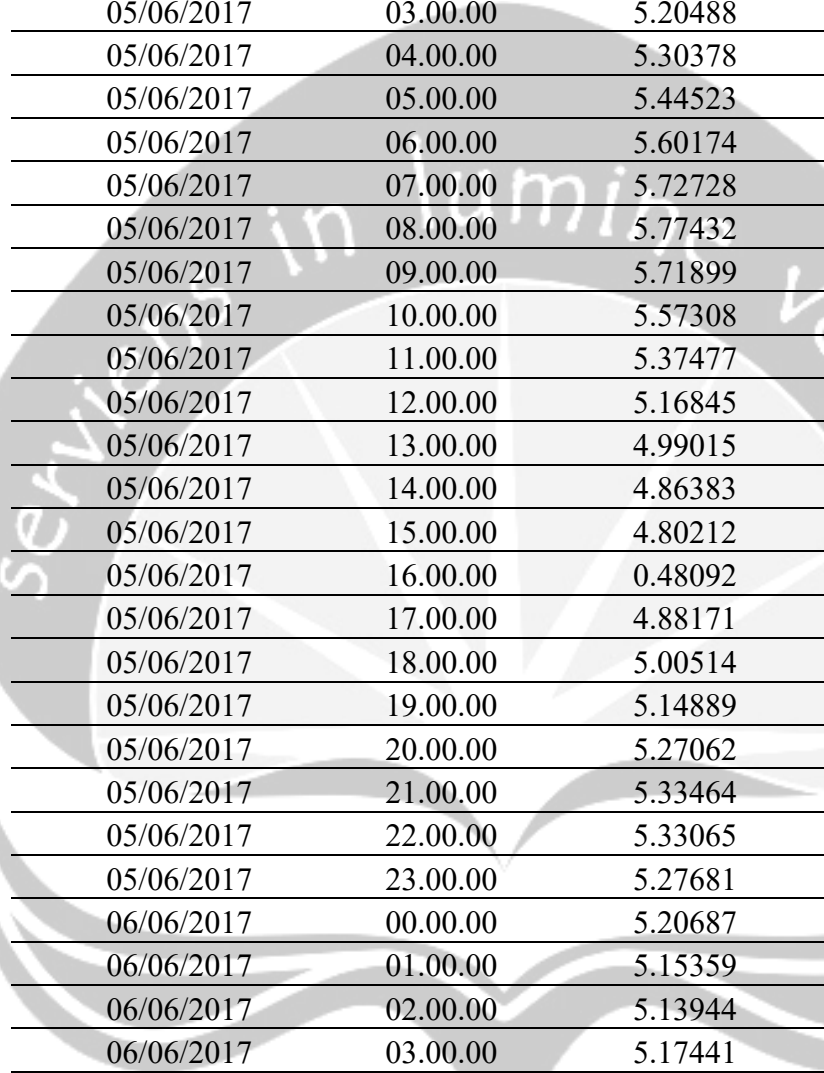
Lampiran 26.

PLTGU Muara Karang CCPP 400-500 MW

SKENARIO II	Obs 2	
Date	Time	Temperature
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02/06/2017	01.00.00	4.25E-01
02/06/2017	02.00.00	1.38373
02/06/2017	03.00.00	2.25984
02/06/2017	04.00.00	2.99446
02/06/2017	05.00.00	3.58932
02/06/2017	06.00.00	4.05093
02/06/2017	07.00.00	4.37172
02/06/2017	08.00.00	4.55376
02/06/2017	09.00.00	4.61923
02/06/2017	10.00.00	4.60169
02/06/2017	11.00.00	4.53578
02/06/2017	12.00.00	4.45325
02/06/2017	13.00.00	4.38391
02/06/2017	14.00.00	4.35485
02/06/2017	15.00.00	4.38561
02/06/2017	16.00.00	4.48146
02/06/2017	17.00.00	4.62911
02/06/2017	18.00.00	4.79696
02/06/2017	19.00.00	4.94787
02/06/2017	20.00.00	5.05546
02/06/2017	21.00.00	5.11337
02/06/2017	22.00.00	5.13134
02/06/2017	23.00.00	5.12571
03/06/2017	00.00.00	5.11418
03/06/2017	01.00.00	5.11574
03/06/2017	02.00.00	5.15049
03/06/2017	03.00.00	5.23458
03/06/2017	04.00.00	5.36962
03/06/2017	05.00.00	5.53219
03/06/2017	06.00.00	5.67563
03/06/2017	07.00.00	5.75004
03/06/2017	08.00.00	5.72787



03/06/2017	09.00.00	5.61446
03/06/2017	10.00.00	5.43849
03/06/2017	11.00.00	5.23605
03/06/2017	12.00.00	5.03843
03/06/2017	13.00.00	4.87171
03/06/2017	14.00.00	4.75794
03/06/2017	15.00.00	4.71405
03/06/2017	16.00.00	4.74705
03/06/2017	17.00.00	0.48484
03/06/2017	18.00.00	4.98982
03/06/2017	19.00.00	5.12919
03/06/2017	20.00.00	5.22789
03/06/2017	21.00.00	5.26928
03/06/2017	22.00.00	5.26154
03/06/2017	23.00.00	5.22673
04/06/2017	00.00.00	5.18884
04/06/2017	01.00.00	5.16821
04/06/2017	02.00.00	5.18193
04/06/2017	03.00.00	5.24396
04/06/2017	04.00.00	5.35949
04/06/2017	05.00.00	5.51512
04/06/2017	06.00.00	5.67265
04/06/2017	07.00.00	5.77906
04/06/2017	08.00.00	5.79214
04/06/2017	09.00.00	5.70257
04/06/2017	10.00.00	5.53408
04/06/2017	11.00.00	5.32732
04/06/2017	12.00.00	5.12107
04/06/2017	13.00.00	4.94523
04/06/2017	14.00.00	4.82118
04/06/2017	15.00.00	4.76337
04/06/2017	16.00.00	4.77897
04/06/2017	17.00.00	4.86434
04/06/2017	18.00.00	4.99906
04/06/2017	19.00.00	5.14467
04/06/2017	20.00.00	5.25674
04/06/2017	21.00.00	0.53071
04/06/2017	22.00.00	5.29635
04/06/2017	23.00.00	5.24791



05/06/2017	00.00.00	5.19257
05/06/2017	01.00.00	5.15633
05/06/2017	02.00.00	5.15692
05/06/2017	03.00.00	5.20488
05/06/2017	04.00.00	5.30378
05/06/2017	05.00.00	5.44523
05/06/2017	06.00.00	5.60174
05/06/2017	07.00.00	5.72728
05/06/2017	08.00.00	5.77432
05/06/2017	09.00.00	5.71899
05/06/2017	10.00.00	5.57308
05/06/2017	11.00.00	5.37477
05/06/2017	12.00.00	5.16845
05/06/2017	13.00.00	4.99015
05/06/2017	14.00.00	4.86383
05/06/2017	15.00.00	4.80212
05/06/2017	16.00.00	0.48092
05/06/2017	17.00.00	4.88171
05/06/2017	18.00.00	5.00514
05/06/2017	19.00.00	5.14889
05/06/2017	20.00.00	5.27062
05/06/2017	21.00.00	5.33464
05/06/2017	22.00.00	5.33065
05/06/2017	23.00.00	5.27681
06/06/2017	00.00.00	5.20687
06/06/2017	01.00.00	5.15359
06/06/2017	02.00.00	5.13944
06/06/2017	03.00.00	5.17441
06/06/2017	04.00.00	0.52584
06/06/2017	05.00.00	0.53819
06/06/2017	06.00.00	5.52386
06/06/2017	07.00.00	5.64911
06/06/2017	08.00.00	5.71515
06/06/2017	09.00.00	5.69106
06/06/2017	10.00.00	5.57505
06/06/2017	11.00.00	5.39581
06/06/2017	12.00.00	5.19731
06/06/2017	13.00.00	5.02072
06/06/2017	14.00.00	4.89543



06/06/2017	15.00.00	4.83562
06/06/2017	16.00.00	4.84262
06/06/2017	17.00.00	4.90964
06/06/2017	18.00.00	5.02304
06/06/2017	19.00.00	5.15896
06/06/2017	20.00.00	5.28253
06/06/2017	21.00.00	5.35813
06/06/2017	22.00.00	5.36687
06/06/2017	23.00.00	5.31717
07/06/2017	00.00.00	0.52395
07/06/2017	01.00.00	5.17061
07/06/2017	02.00.00	5.13948
07/06/2017	03.00.00	5.16001
07/06/2017	04.00.00	5.23061
07/06/2017	05.00.00	5.33786
07/06/2017	06.00.00	5.46063
07/06/2017	07.00.00	5.57129
07/06/2017	08.00.00	5.63756
07/06/2017	09.00.00	5.63143
07/06/2017	10.00.00	5.54315
07/06/2017	11.00.00	5.38922
07/06/2017	12.00.00	5.20637
07/06/2017	13.00.00	5.03626
07/06/2017	14.00.00	4.91347
07/06/2017	15.00.00	4.85711
07/06/2017	16.00.00	4.86907
07/06/2017	17.00.00	4.93886
07/06/2017	18.00.00	5.04903
07/06/2017	19.00.00	5.17752
07/06/2017	20.00.00	0.52969
07/06/2017	21.00.00	5.37799
07/06/2017	22.00.00	5.39993
07/06/2017	23.00.00	0.53621
08/06/2017	00.00.00	5.28648
08/06/2017	01.00.00	5.20822
08/06/2017	02.00.00	5.16079
08/06/2017	03.00.00	5.16452
08/06/2017	04.00.00	5.22095
08/06/2017	05.00.00	5.31446



08/06/2017	06.00.00	5.41997
08/06/2017	07.00.00	5.51093
08/06/2017	08.00.00	5.56328
08/06/2017	09.00.00	0.05558
08/06/2017	10.00.00	5.48629
08/06/2017	11.00.00	5.35633
08/06/2017	12.00.00	5.19424
08/06/2017	13.00.00	5.03609
08/06/2017	14.00.00	4.91775
08/06/2017	15.00.00	4.86378
08/06/2017	16.00.00	4.88059
08/06/2017	17.00.00	4.95744
08/06/2017	18.00.00	5.07213
08/06/2017	19.00.00	5.19914
08/06/2017	20.00.00	5.31383
08/06/2017	21.00.00	5.39479
08/06/2017	22.00.00	0.05426
08/06/2017	23.00.00	5.40318
09/06/2017	00.00.00	5.33904
09/06/2017	01.00.00	5.26152
09/06/2017	02.00.00	5.20355
09/06/2017	03.00.00	5.19055
09/06/2017	04.00.00	5.23046
09/06/2017	05.00.00	5.31014
09/06/2017	06.00.00	5.40163
09/06/2017	07.00.00	0.54748
09/06/2017	08.00.00	5.50783
09/06/2017	09.00.00	5.49004
09/06/2017	10.00.00	5.41988
09/06/2017	11.00.00	0.53049
09/06/2017	12.00.00	5.16293
09/06/2017	13.00.00	5.02096
09/06/2017	14.00.00	4.91047
09/06/2017	15.00.00	4.85812
09/06/2017	16.00.00	0.48762
09/06/2017	17.00.00	4.95827
09/06/2017	18.00.00	5.08095
09/06/2017	19.00.00	5.21347
09/06/2017	20.00.00	5.32824



09/06/2017	21.00.00	5.40779
09/06/2017	22.00.00	5.44346
09/06/2017	23.00.00	5.43401
10/06/2017	00.00.00	5.38706
10/06/2017	01.00.00	5.32116
10/06/2017	02.00.00	5.26307
10/06/2017	03.00.00	5.23857
10/06/2017	04.00.00	5.26136
10/06/2017	05.00.00	5.32482
10/06/2017	06.00.00	5.40282
10/06/2017	07.00.00	5.46187
10/06/2017	08.00.00	5.47728
10/06/2017	09.00.00	5.44146
10/06/2017	10.00.00	5.36059
10/06/2017	11.00.00	5.24785
10/06/2017	12.00.00	0.05119
10/06/2017	13.00.00	0.49934
10/06/2017	14.00.00	4.89435
10/06/2017	15.00.00	4.84513
10/06/2017	16.00.00	4.86118
10/06/2017	17.00.00	4.94247
10/06/2017	18.00.00	5.06982
10/06/2017	19.00.00	5.21049
10/06/2017	20.00.00	5.33134
10/06/2017	21.00.00	5.41288
10/06/2017	22.00.00	5.45102
10/06/2017	23.00.00	0.05451
11/06/2017	00.00.00	5.42174
11/06/2017	01.00.00	5.37554
11/06/2017	02.00.00	5.32969
11/06/2017	03.00.00	5.30428
11/06/2017	04.00.00	0.53144
11/06/2017	05.00.00	5.36025
11/06/2017	06.00.00	5.42232
11/06/2017	07.00.00	5.46826
11/06/2017	08.00.00	5.46983
11/06/2017	09.00.00	5.41724
11/06/2017	10.00.00	5.32028
11/06/2017	11.00.00	5.19881



11/06/2017	12.00.00	5.07249
11/06/2017	13.00.00	4.95832
11/06/2017	14.00.00	4.87197
11/06/2017	15.00.00	4.82926
11/06/2017	16.00.00	4.84332
11/06/2017	17.00.00	0.49183
11/06/2017	18.00.00	5.04229
11/06/2017	19.00.00	5.18654
11/06/2017	20.00.00	5.31524
11/06/2017	21.00.00	0.54034
11/06/2017	22.00.00	5.44577
11/06/2017	23.00.00	5.45237
12/06/2017	00.00.00	5.43764
12/06/2017	01.00.00	5.41362
12/06/2017	02.00.00	5.39023
12/06/2017	03.00.00	5.37779
12/06/2017	04.00.00	5.38606
12/06/2017	05.00.00	0.54178
12/06/2017	06.00.00	5.46155
12/06/2017	07.00.00	5.49177
12/06/2017	08.00.00	5.48073
12/06/2017	09.00.00	5.41494
12/06/2017	10.00.00	5.30266
12/06/2017	11.00.00	5.16709
12/06/2017	12.00.00	5.03379
12/06/2017	13.00.00	4.92278
12/06/2017	14.00.00	4.84658
12/06/2017	15.00.00	4.81325
12/06/2017	16.00.00	4.82883
12/06/2017	17.00.00	4.89632
12/06/2017	18.00.00	5.00951
12/06/2017	19.00.00	5.14762
12/06/2017	20.00.00	5.27867
12/06/2017	21.00.00	5.37414
12/06/2017	22.00.00	5.42358
12/06/2017	23.00.00	5.43663
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13/06/2017	01.00.00	5.42824
13/06/2017	02.00.00	5.43154

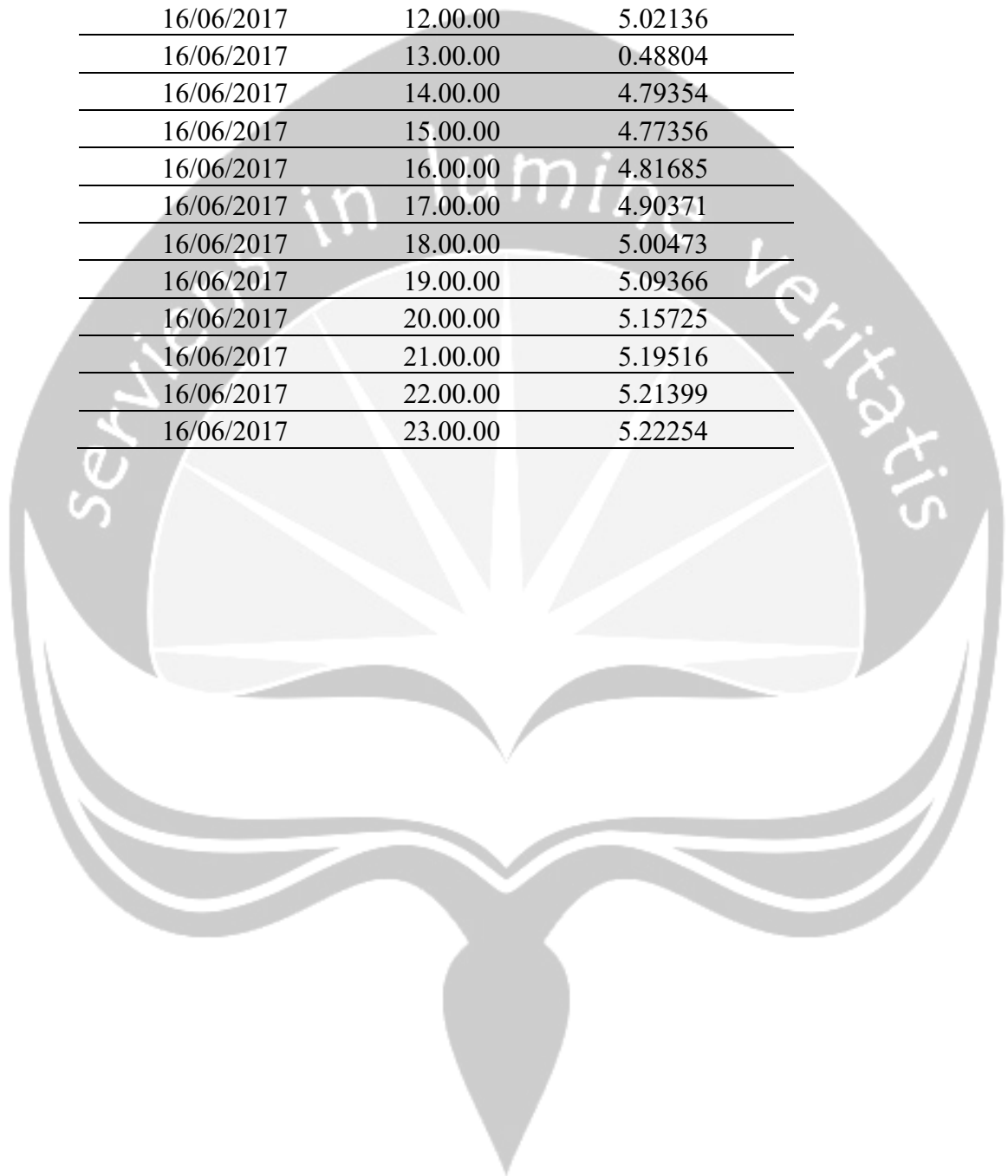


13/06/2017	03.00.00	5.44401
13/06/2017	04.00.00	5.46509
13/06/2017	05.00.00	5.49308
13/06/2017	06.00.00	5.52091
13/06/2017	07.00.00	5.53235
13/06/2017	08.00.00	0.55062
13/06/2017	09.00.00	5.42865
13/06/2017	10.00.00	0.53043
13/06/2017	11.00.00	5.15505
13/06/2017	12.00.00	5.00992
13/06/2017	13.00.00	4.89414
13/06/2017	14.00.00	4.82226
13/06/2017	15.00.00	4.79827
13/06/2017	16.00.00	0.0000482
13/06/2017	17.00.00	0.04884
13/06/2017	18.00.00	0.49843
13/06/2017	19.00.00	5.10721
13/06/2017	20.00.00	5.22982
13/06/2017	21.00.00	5.32629
13/06/2017	22.00.00	5.38218
13/06/2017	23.00.00	5.40241
14/06/2017	00.00.00	5.40681
14/06/2017	01.00.00	5.41697
14/06/2017	02.00.00	5.44463
14/06/2017	03.00.00	5.48781
14/06/2017	04.00.00	5.53546
14/06/2017	05.00.00	5.57513
14/06/2017	06.00.00	5.59672
14/06/2017	07.00.00	5.59055
14/06/2017	08.00.00	0.55456
14/06/2017	09.00.00	5.45387
14/06/2017	10.00.00	5.31898
14/06/2017	11.00.00	5.15913
14/06/2017	12.00.00	5.00242
14/06/2017	13.00.00	4.87748
14/06/2017	14.00.00	0.48035
14/06/2017	15.00.00	4.78546
14/06/2017	16.00.00	4.81608
14/06/2017	17.00.00	4.88333



14/06/2017	18.00.00	4.97527
14/06/2017	19.00.00	5.08009
14/06/2017	20.00.00	5.18395
14/06/2017	21.00.00	5.26981
14/06/2017	22.00.00	5.32506
14/06/2017	23.00.00	5.35035
15/06/2017	00.00.00	5.36151
15/06/2017	01.00.00	5.38139
15/06/2017	02.00.00	5.42687
15/06/2017	03.00.00	5.49877
15/06/2017	04.00.00	5.58051
15/06/2017	05.00.00	5.64725
15/06/2017	06.00.00	5.67829
15/06/2017	07.00.00	5.66313
15/06/2017	08.00.00	5.59941
15/06/2017	09.00.00	5.48967
15/06/2017	10.00.00	5.34223
15/06/2017	11.00.00	5.17352
15/06/2017	12.00.00	5.00801
15/06/2017	13.00.00	4.87385
15/06/2017	14.00.00	4.79369
15/06/2017	15.00.00	4.77664
15/06/2017	16.00.00	4.81537
15/06/2017	17.00.00	4.89151
15/06/2017	18.00.00	4.98374
15/06/2017	19.00.00	5.07539
15/06/2017	20.00.00	5.15653
15/06/2017	21.00.00	5.22063
15/06/2017	22.00.00	5.26328
15/06/2017	23.00.00	5.28607
16/06/2017	00.00.00	5.30038
16/06/2017	01.00.00	5.32585
16/06/2017	02.00.00	5.38166
16/06/2017	03.00.00	5.47415
16/06/2017	04.00.00	5.58834
16/06/2017	05.00.00	5.69141
16/06/2017	06.00.00	5.74865
16/06/2017	07.00.00	5.74011
16/06/2017	08.00.00	0.56653


16/06/2017	09.00.00	5.53691
16/06/2017	10.00.00	5.37308
16/06/2017	11.00.00	5.19386
16/06/2017	12.00.00	5.02136
16/06/2017	13.00.00	0.48804
16/06/2017	14.00.00	4.79354
16/06/2017	15.00.00	4.77356
16/06/2017	16.00.00	4.81685
16/06/2017	17.00.00	4.90371
16/06/2017	18.00.00	5.00473
16/06/2017	19.00.00	5.09366
16/06/2017	20.00.00	5.15725
16/06/2017	21.00.00	5.19516
16/06/2017	22.00.00	5.21399
16/06/2017	23.00.00	5.22254




Lampiran 27.

**Report of Temperature
PLTGU Muara Karang CCPP 400-500 MW**


SKENARIO II		Obs 3
Date	Time	Temperature
02/06/2017	00.00.00	0
02/06/2017	01.00.00	2.48E-03
02/06/2017	02.00.00	0.075583
02/06/2017	03.00.00	0.283608
02/06/2017	04.00.00	0.567256
02/06/2017	05.00.00	0.849523
02/06/2017	06.00.00	1.09087
02/06/2017	07.00.00	1.27399
02/06/2017	08.00.00	1.39284
02/06/2017	09.00.00	1.45357
02/06/2017	10.00.00	1.47071
02/06/2017	11.00.00	1.46223
02/06/2017	12.00.00	1.44642
02/06/2017	13.00.00	1.44016
02/06/2017	14.00.00	1.45747
02/06/2017	15.00.00	0.15064
02/06/2017	16.00.00	1.58864
02/06/2017	17.00.00	1.69655
02/06/2017	18.00.00	1.80936
02/06/2017	19.00.00	1.90482
02/06/2017	20.00.00	1.96841
02/06/2017	21.00.00	1.99857
02/06/2017	22.00.00	2.00384
02/06/2017	23.00.00	1.99703
03/06/2017	00.00.00	0.19917
03/06/2017	01.00.00	2.00148
03/06/2017	02.00.00	2.03889
03/06/2017	03.00.00	2.11175
03/06/2017	04.00.00	0.22165
03/06/2017	05.00.00	0.23317
03/06/2017	06.00.00	0.24205
03/06/2017	07.00.00	2.44713




03/06/2017	08.00.00	2.40015
03/06/2017	09.00.00	2.29493
03/06/2017	10.00.00	2.15974
03/06/2017	11.00.00	0.20225
03/06/2017	12.00.00	1.90461
03/06/2017	13.00.00	1.82058
03/06/2017	14.00.00	0.17797
03/06/2017	15.00.00	0.17865
03/06/2017	16.00.00	1.83886
03/06/2017	17.00.00	1.92835
03/06/2017	18.00.00	2.03272
03/06/2017	19.00.00	0.21236
03/06/2017	20.00.00	2.17821
03/06/2017	21.00.00	2.19021
03/06/2017	22.00.00	2.17007
03/06/2017	23.00.00	2.13626
04/06/2017	00.00.00	2.10686
04/06/2017	01.00.00	2.09628
04/06/2017	02.00.00	2.11542
04/06/2017	03.00.00	2.17133
04/06/2017	04.00.00	2.26365
04/06/2017	05.00.00	2.37767
04/06/2017	06.00.00	2.48059
04/06/2017	07.00.00	2.53108
04/06/2017	08.00.00	2.50339
04/06/2017	09.00.00	0.02404
04/06/2017	10.00.00	2.26195
04/06/2017	11.00.00	2.11137
04/06/2017	12.00.00	1.97952
04/06/2017	13.00.00	1.88328
04/06/2017	14.00.00	1.83121
04/06/2017	15.00.00	1.82675
04/06/2017	16.00.00	1.86819
04/06/2017	17.00.00	1.94982
04/06/2017	18.00.00	2.05354
04/06/2017	19.00.00	0.21513
04/06/2017	20.00.00	2.21479
04/06/2017	21.00.00	2.23006
04/06/2017	22.00.00	2.20431




04/06/2017	23.00.00	2.15872
05/06/2017	00.00.00	0.21164
05/06/2017	01.00.00	2.09478
05/06/2017	02.00.00	2.10423
05/06/2017	03.00.00	0.21496
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06/06/2017	09.00.00	0.24302
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06/06/2017	12.00.00	2.04224
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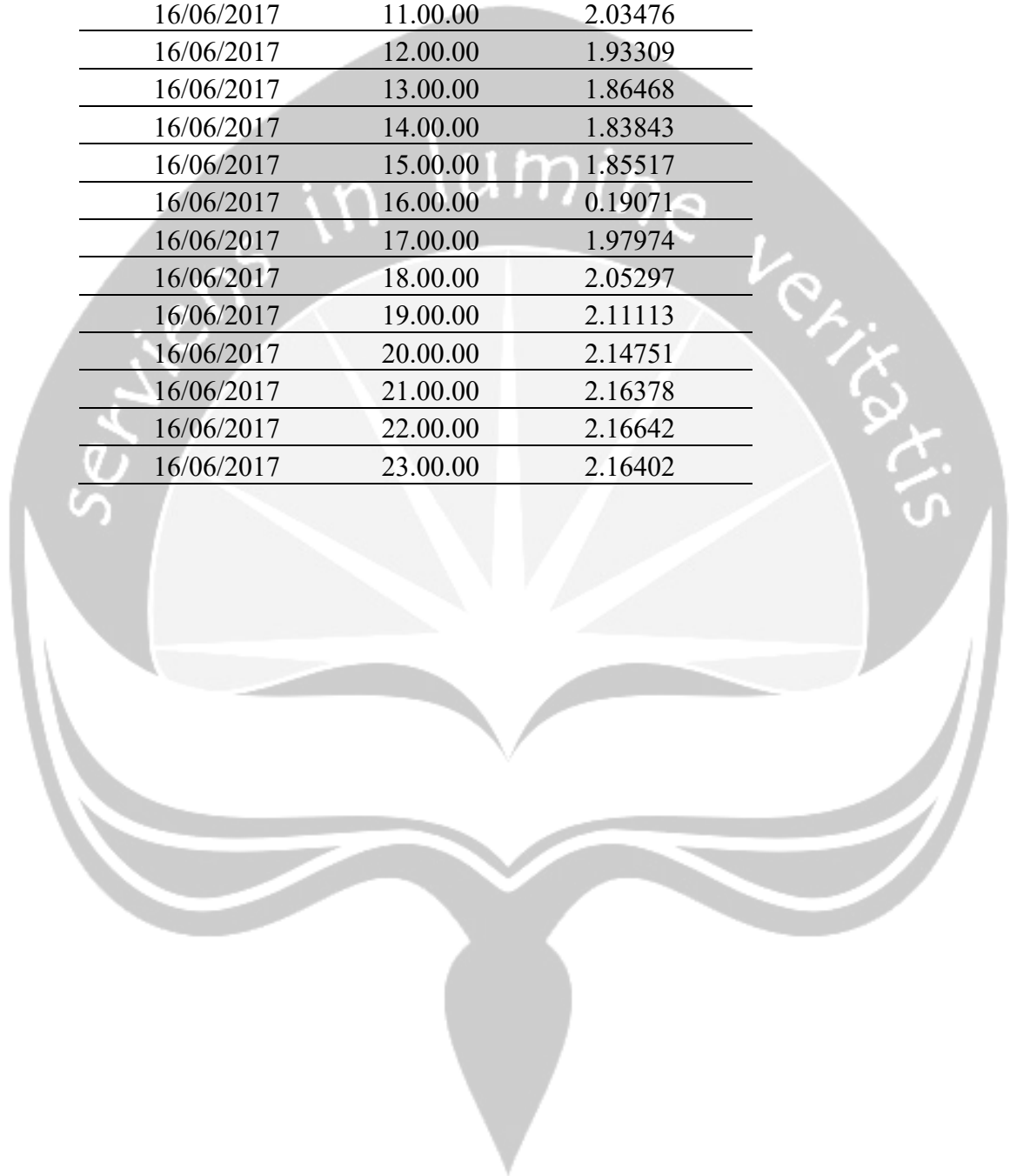


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15/06/2017	04.00.00	2.39752
15/06/2017	05.00.00	2.43402
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15/06/2017	07.00.00	2.41154
15/06/2017	08.00.00	2.34729
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15/06/2017	16.00.00	1.90574
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16/06/2017	10.00.00	2.15579
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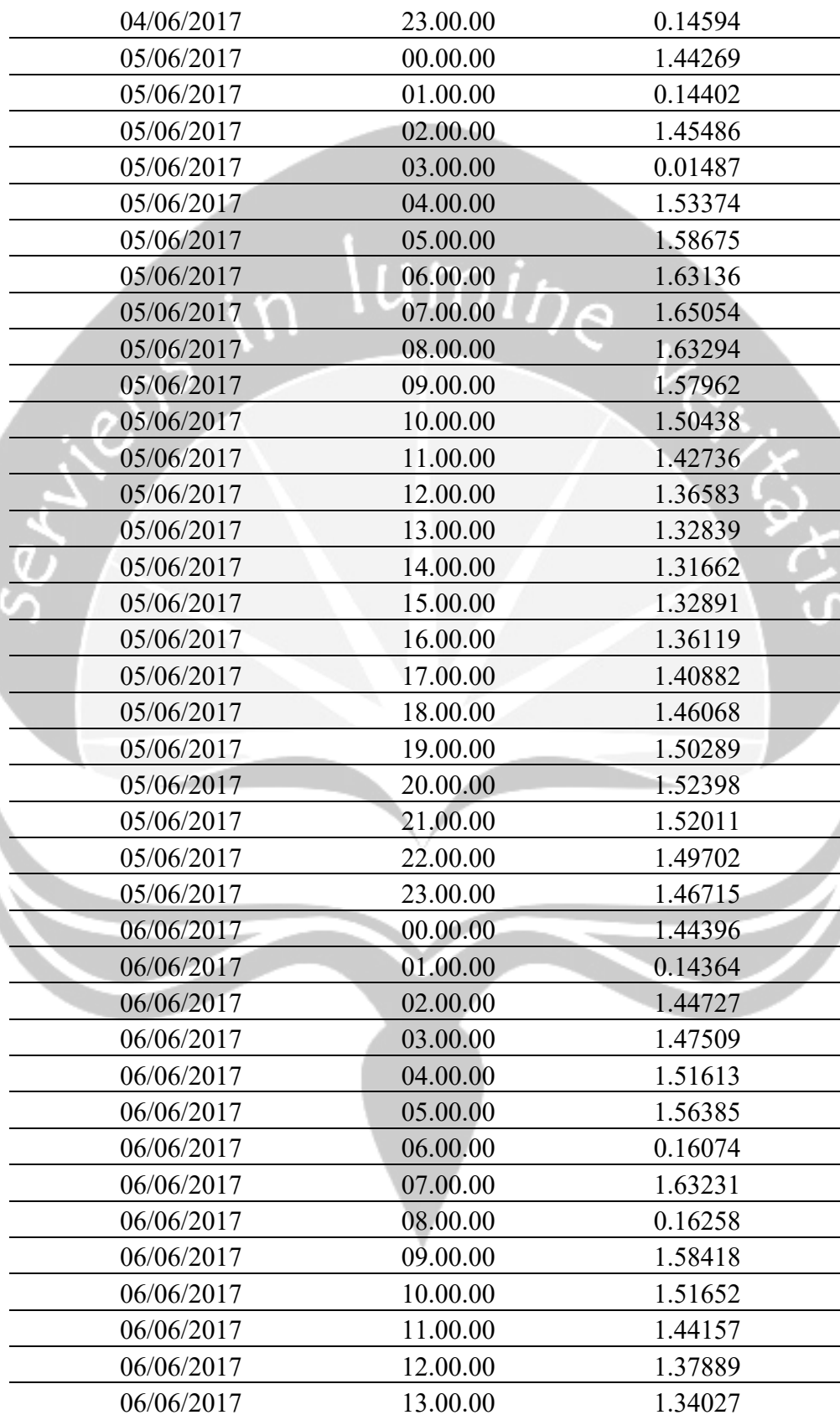
Lampiran 28.

**Report of Temperature
PLTGU Muara Karang CCPP 400-500 MW**

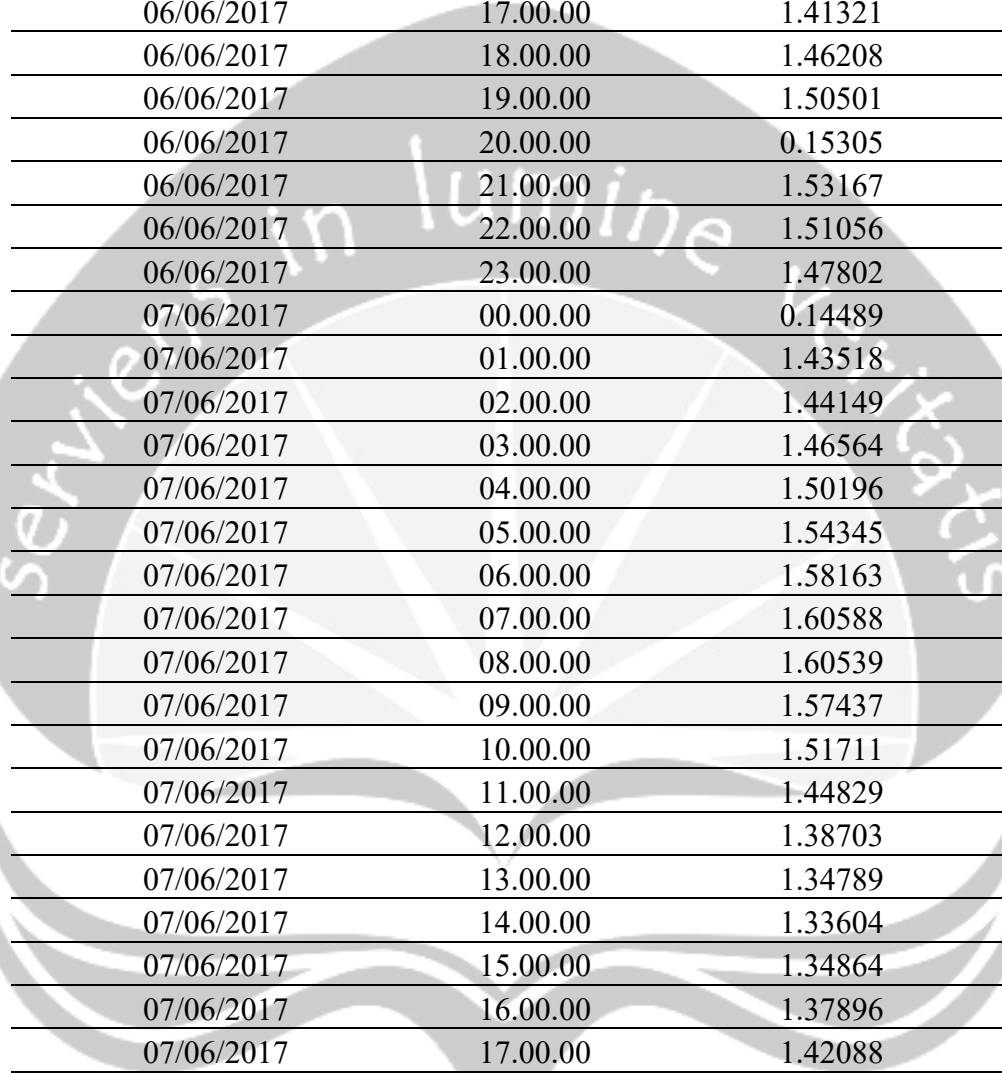
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02/06/2017	13.00.00	0.872013
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02/06/2017	17.00.00	1.08575
02/06/2017	18.00.00	1.14565
02/06/2017	19.00.00	1.19328
02/06/2017	20.00.00	1.22647
02/06/2017	21.00.00	1.24683
02/06/2017	22.00.00	1.25822
02/06/2017	23.00.00	1.26578
03/06/2017	00.00.00	0.12757
03/06/2017	01.00.00	1.29468
03/06/2017	02.00.00	1.32821
03/06/2017	03.00.00	1.37752
03/06/2017	04.00.00	1.43661
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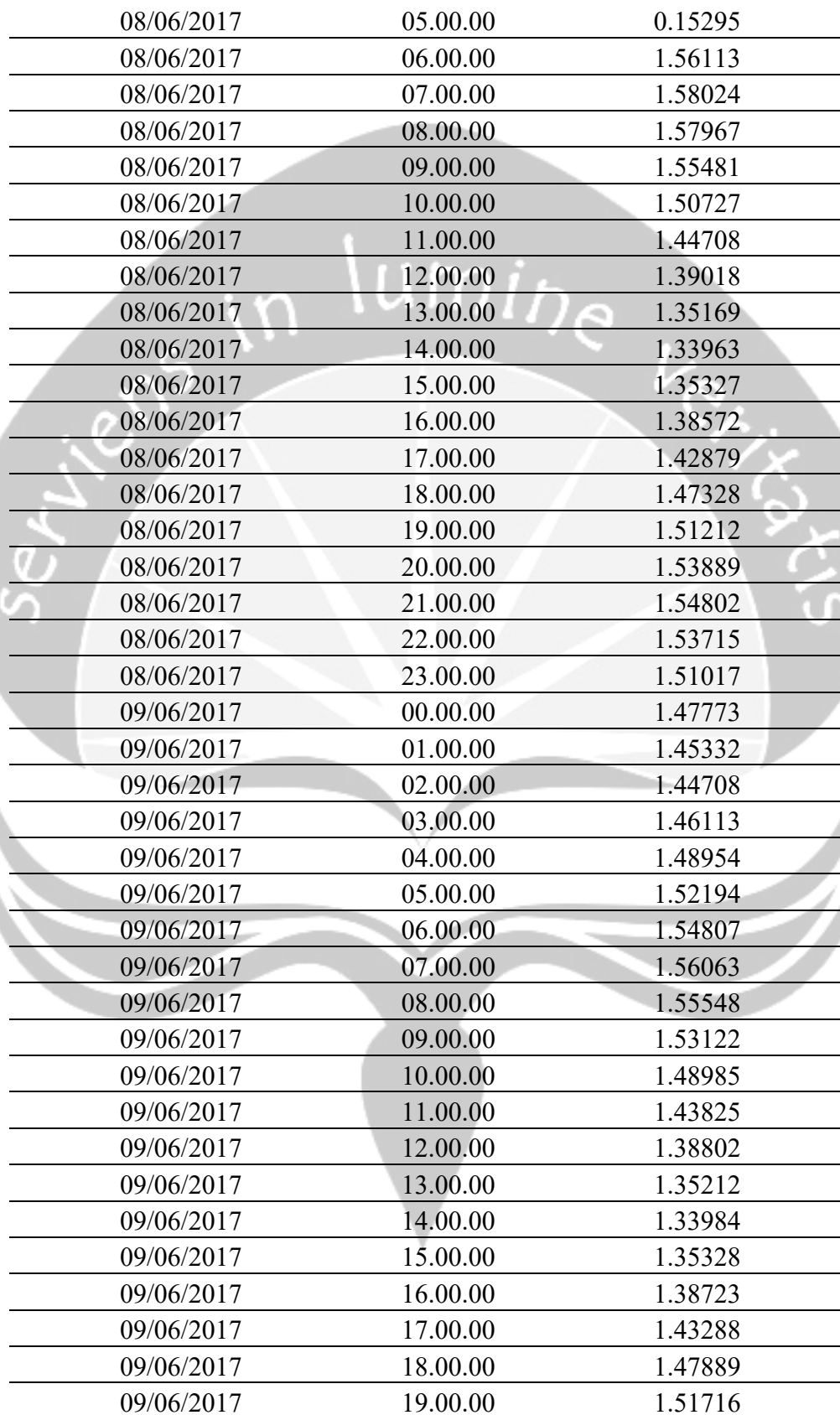
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03/06/2017	14.00.00	1.24979
03/06/2017	15.00.00	1.27333
03/06/2017	16.00.00	1.31637
03/06/2017	17.00.00	1.37026
03/06/2017	18.00.00	1.42035
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03/06/2017	20.00.00	1.46918
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03/06/2017	23.00.00	1.43594
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04/06/2017	03.00.00	1.48704
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04/06/2017	22.00.00	1.48364



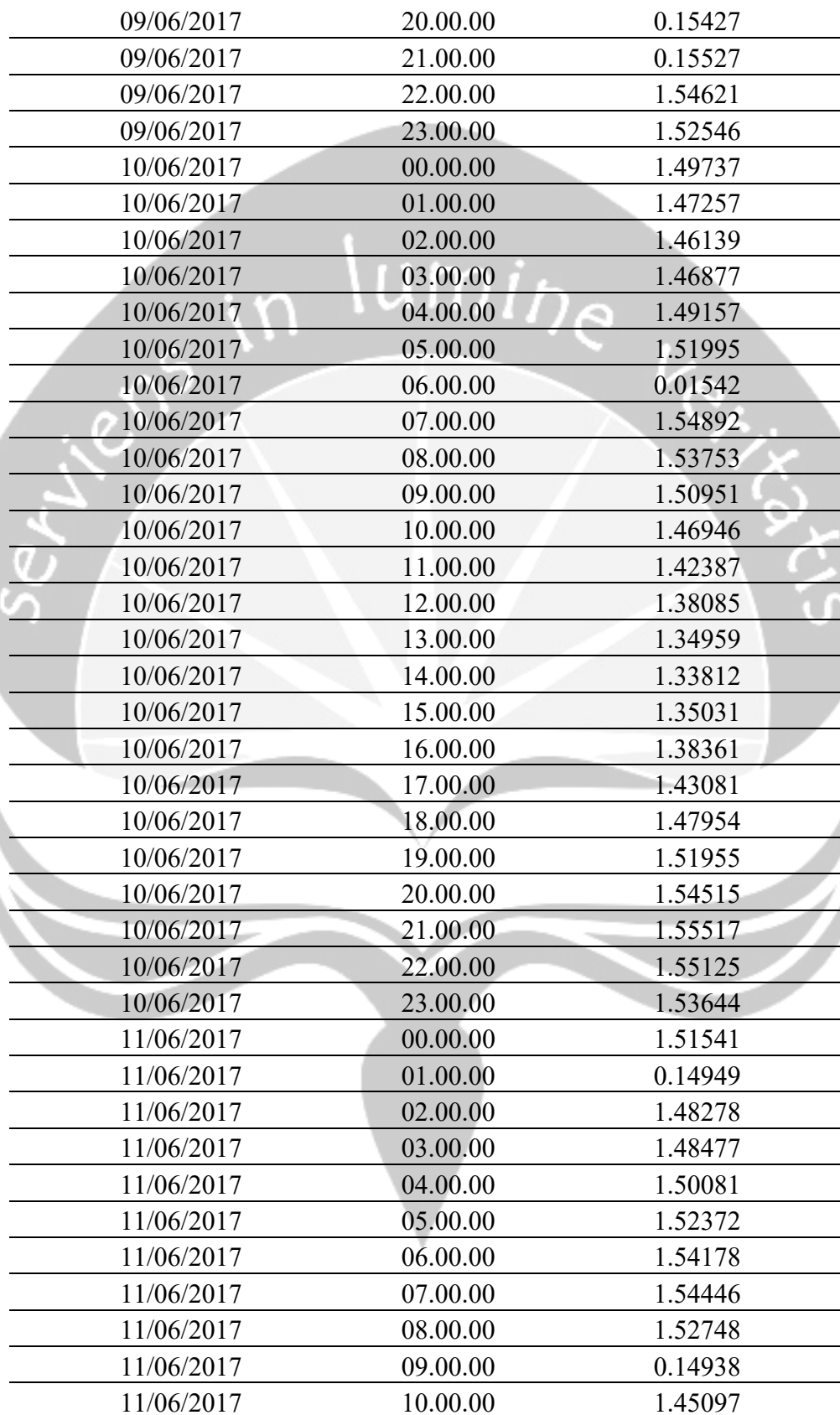
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05/06/2017	14.00.00	1.31662
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05/06/2017	22.00.00	1.49702
05/06/2017	23.00.00	1.46715
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06/06/2017	02.00.00	1.44727
06/06/2017	03.00.00	1.47509
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06/06/2017	05.00.00	1.56385
06/06/2017	06.00.00	0.16074
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06/06/2017	08.00.00	0.16258
06/06/2017	09.00.00	1.58418
06/06/2017	10.00.00	1.51652
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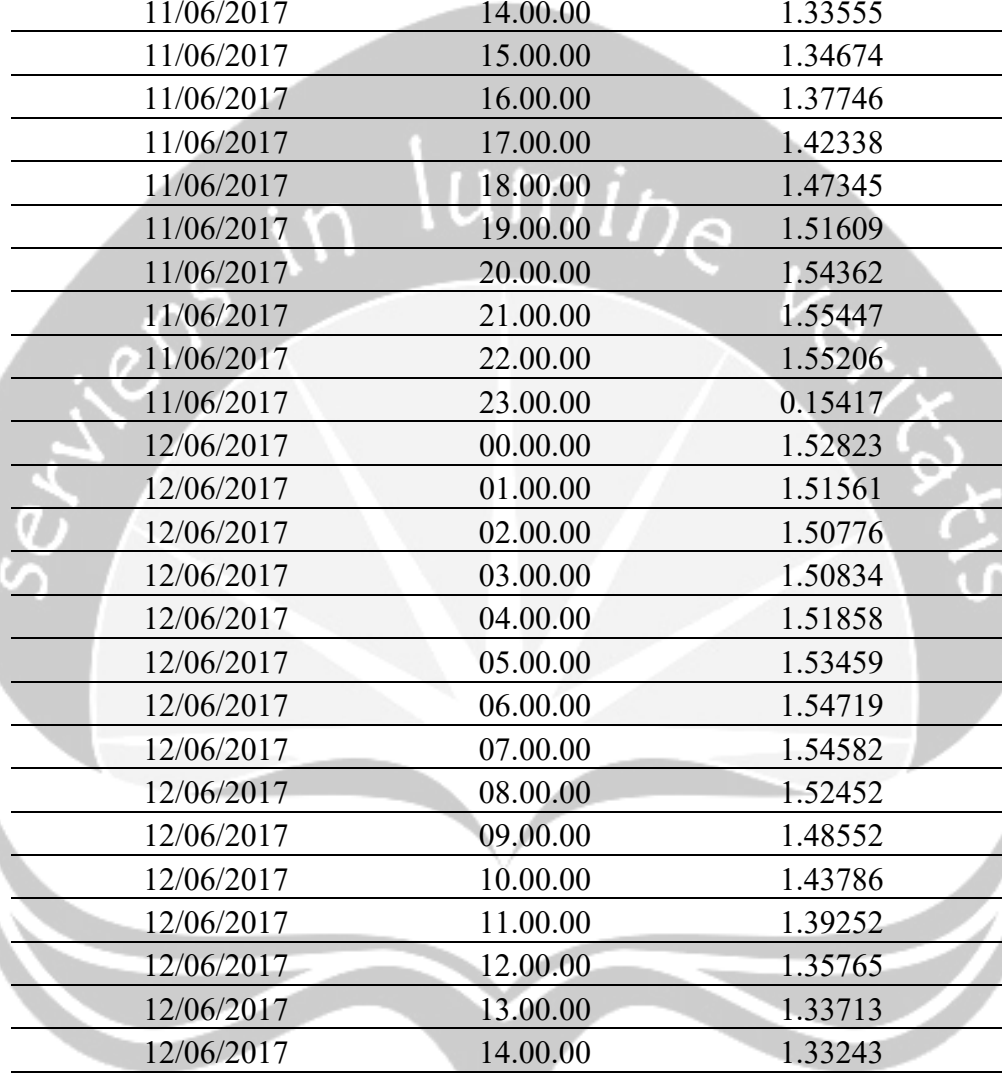
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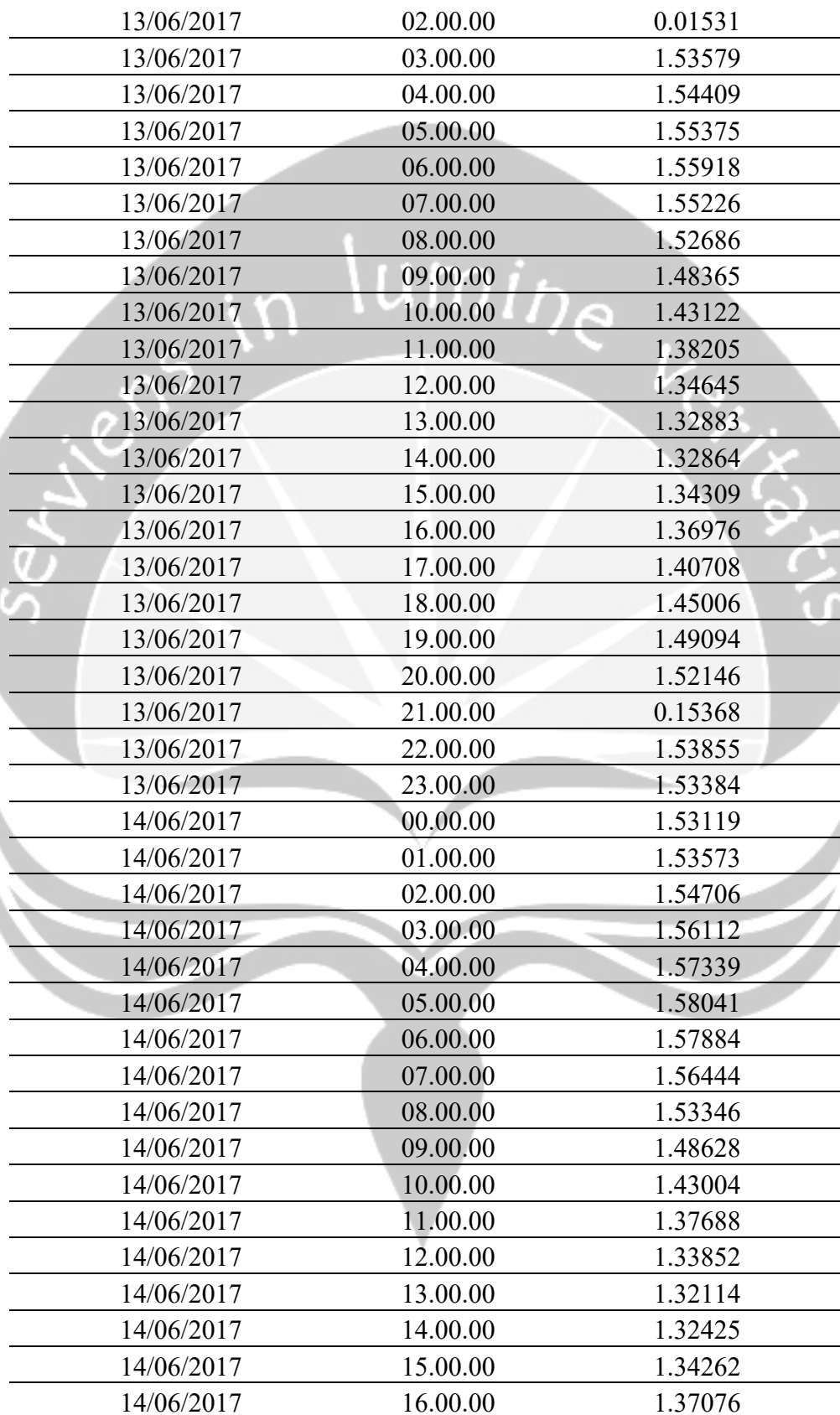
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08/06/2017	11.00.00	1.44708
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08/06/2017	13.00.00	1.35169
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09/06/2017	02.00.00	1.44708
09/06/2017	03.00.00	1.46113
09/06/2017	04.00.00	1.48954
09/06/2017	05.00.00	1.52194
09/06/2017	06.00.00	1.54807
09/06/2017	07.00.00	1.56063
09/06/2017	08.00.00	1.55548
09/06/2017	09.00.00	1.53122
09/06/2017	10.00.00	1.48985
09/06/2017	11.00.00	1.43825
09/06/2017	12.00.00	1.38802
09/06/2017	13.00.00	1.35212
09/06/2017	14.00.00	1.33984
09/06/2017	15.00.00	1.35328
09/06/2017	16.00.00	1.38723
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09/06/2017	18.00.00	1.47889
09/06/2017	19.00.00	1.51716



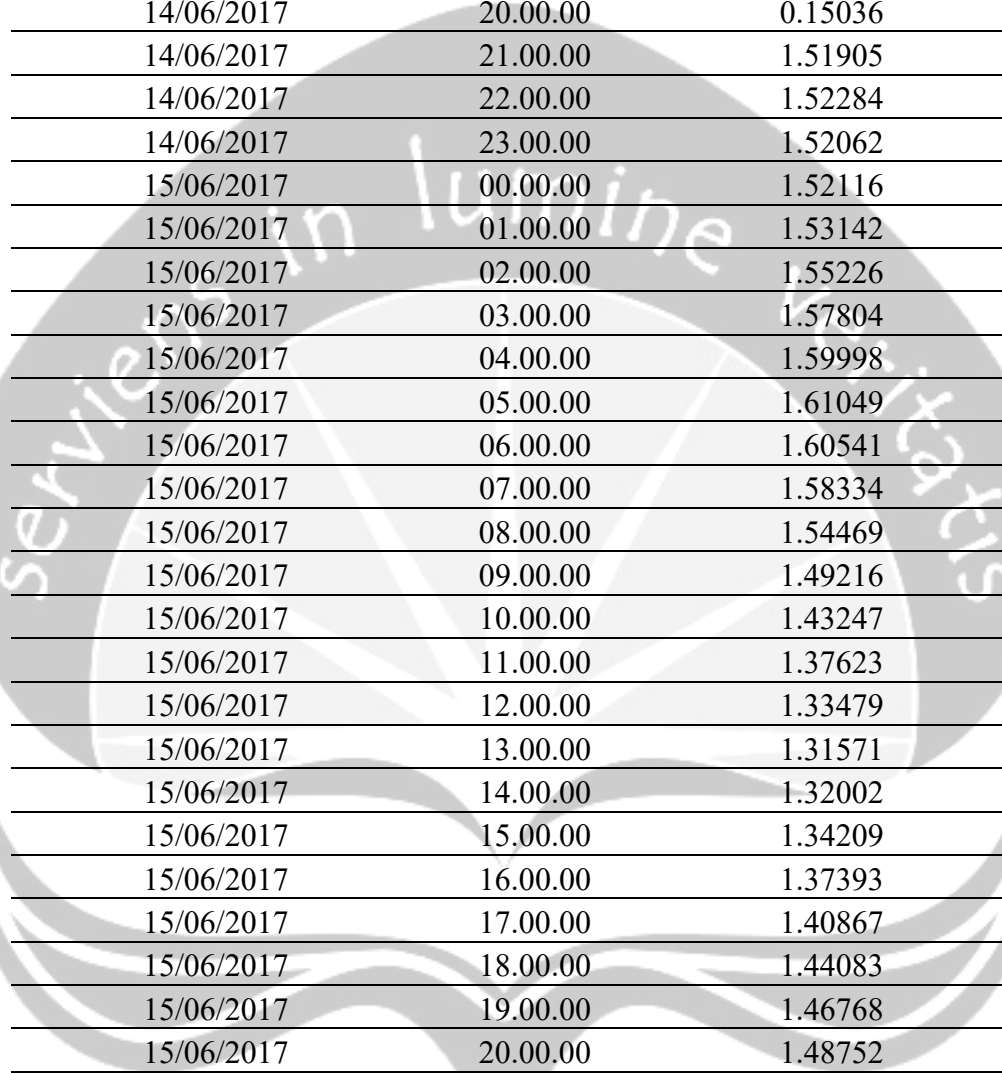
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10/06/2017	02.00.00	1.46139
10/06/2017	03.00.00	1.46877
10/06/2017	04.00.00	1.49157
10/06/2017	05.00.00	1.51995
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10/06/2017	07.00.00	1.54892
10/06/2017	08.00.00	1.53753
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10/06/2017	19.00.00	1.51955
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10/06/2017	22.00.00	1.55125
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11/06/2017	06.00.00	1.54178
11/06/2017	07.00.00	1.54446
11/06/2017	08.00.00	1.52748
11/06/2017	09.00.00	0.14938
11/06/2017	10.00.00	1.45097



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11/06/2017	12.00.00	1.36998
11/06/2017	13.00.00	1.34442
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12/06/2017	14.00.00	1.33243
12/06/2017	15.00.00	1.34424
12/06/2017	16.00.00	1.37211
12/06/2017	17.00.00	1.41408
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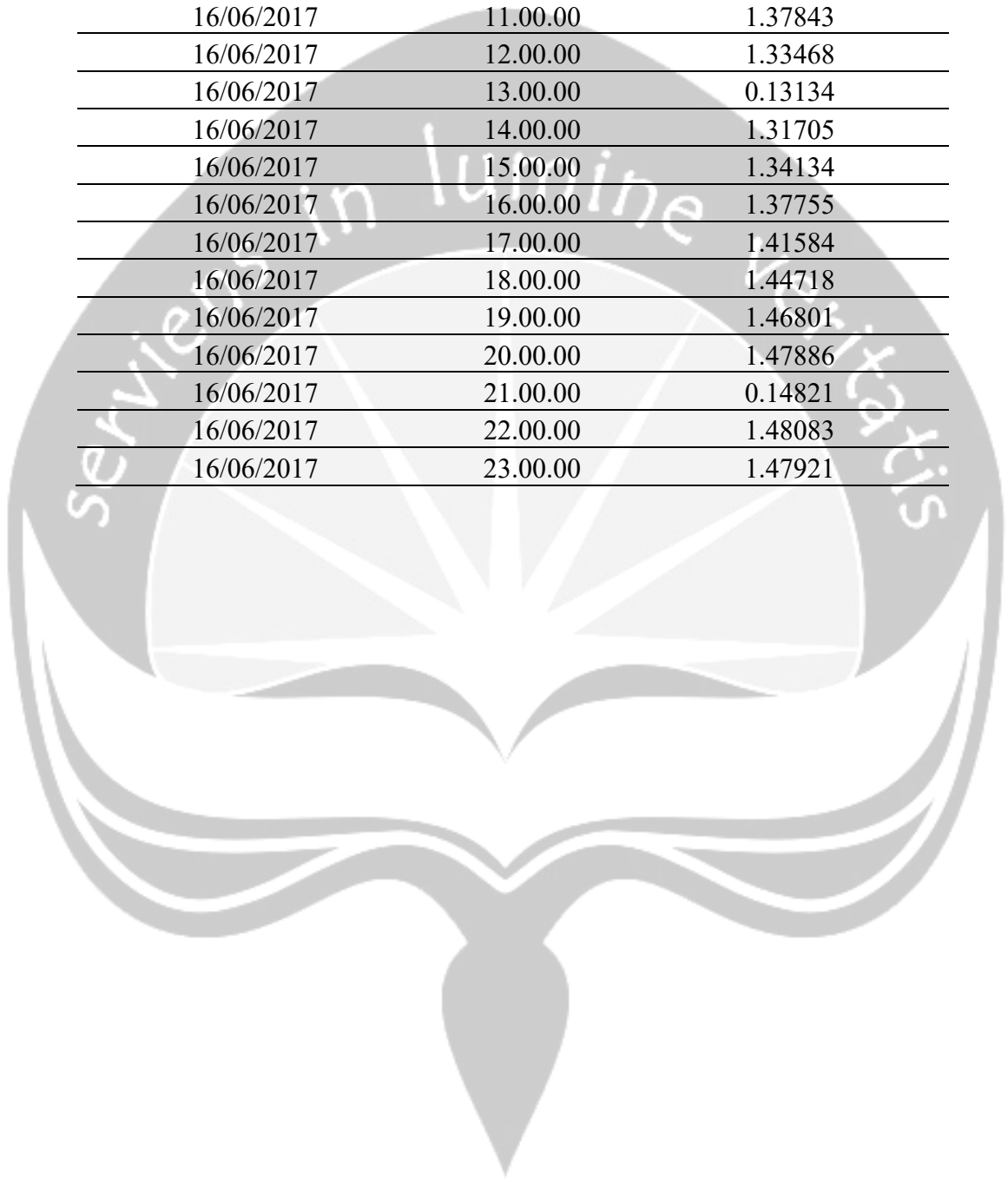


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13/06/2017	08.00.00	1.52686
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13/06/2017	12.00.00	1.34645
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13/06/2017	14.00.00	1.32864
13/06/2017	15.00.00	1.34309
13/06/2017	16.00.00	1.36976
13/06/2017	17.00.00	1.40708
13/06/2017	18.00.00	1.45006
13/06/2017	19.00.00	1.49094
13/06/2017	20.00.00	1.52146
13/06/2017	21.00.00	0.15368
13/06/2017	22.00.00	1.53855
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14/06/2017	04.00.00	1.57339
14/06/2017	05.00.00	1.58041
14/06/2017	06.00.00	1.57884
14/06/2017	07.00.00	1.56444
14/06/2017	08.00.00	1.53346
14/06/2017	09.00.00	1.48628
14/06/2017	10.00.00	1.43004
14/06/2017	11.00.00	1.37688
14/06/2017	12.00.00	1.33852
14/06/2017	13.00.00	1.32114
14/06/2017	14.00.00	1.32425
14/06/2017	15.00.00	1.34262
14/06/2017	16.00.00	1.37076



14/06/2017	17.00.00	1.40515
14/06/2017	18.00.00	1.44187
14/06/2017	19.00.00	1.47645
14/06/2017	20.00.00	0.15036
14/06/2017	21.00.00	1.51905
14/06/2017	22.00.00	1.52284
14/06/2017	23.00.00	1.52062
15/06/2017	00.00.00	1.52116
15/06/2017	01.00.00	1.53142
15/06/2017	02.00.00	1.55226
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15/06/2017	04.00.00	1.59998
15/06/2017	05.00.00	1.61049
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15/06/2017	21.00.00	1.49892
15/06/2017	22.00.00	1.50227
15/06/2017	23.00.00	1.50163
16/06/2017	00.00.00	1.50446
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16/06/2017	03.00.00	1.58226
16/06/2017	04.00.00	1.61684
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16/06/2017	07.00.00	1.60827

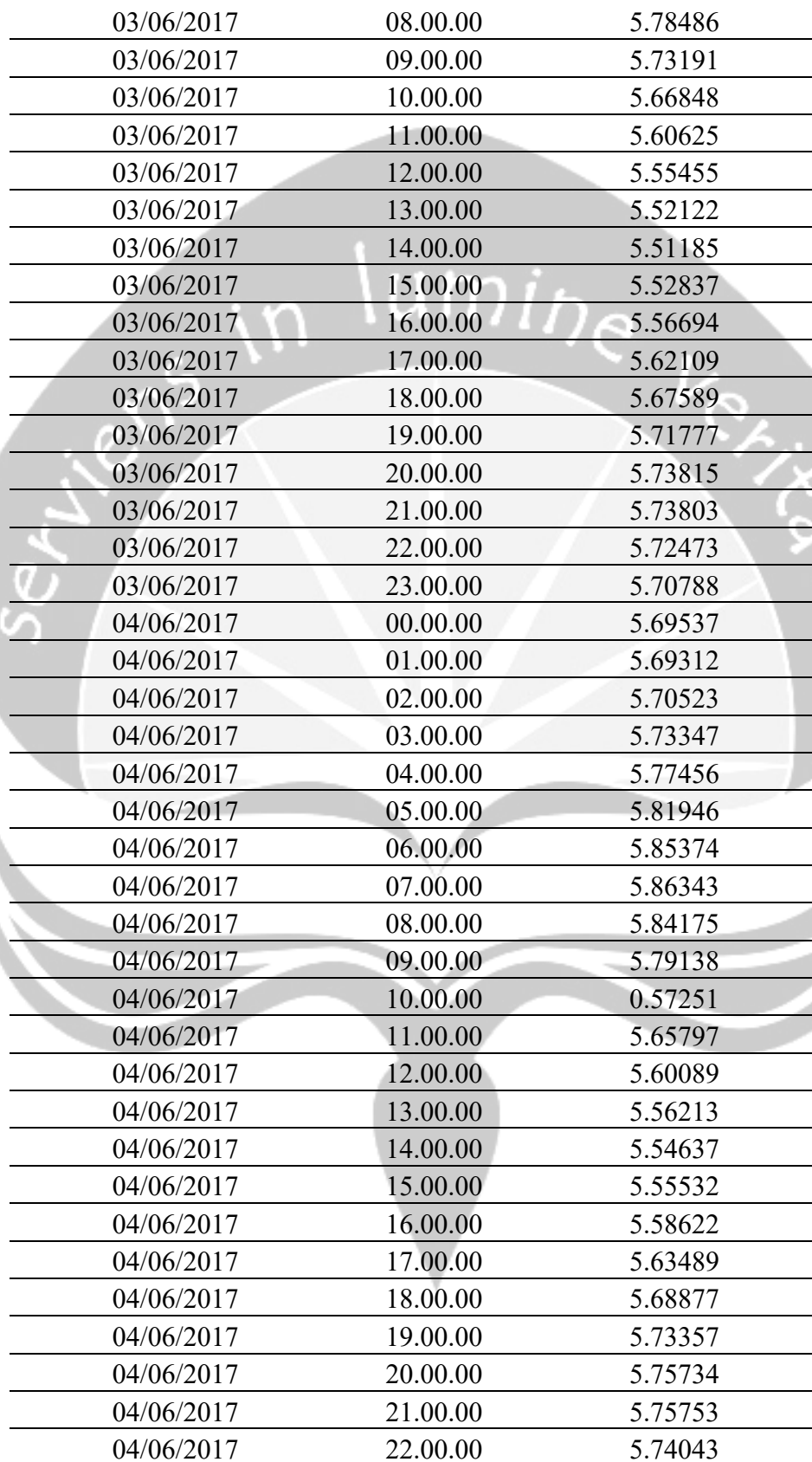
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16/06/2017	12.00.00	1.33468
16/06/2017	13.00.00	0.13134
16/06/2017	14.00.00	1.31705
16/06/2017	15.00.00	1.34134
16/06/2017	16.00.00	1.37755
16/06/2017	17.00.00	1.41584
16/06/2017	18.00.00	1.44718
16/06/2017	19.00.00	1.46801
16/06/2017	20.00.00	1.47886
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16/06/2017	22.00.00	1.48083
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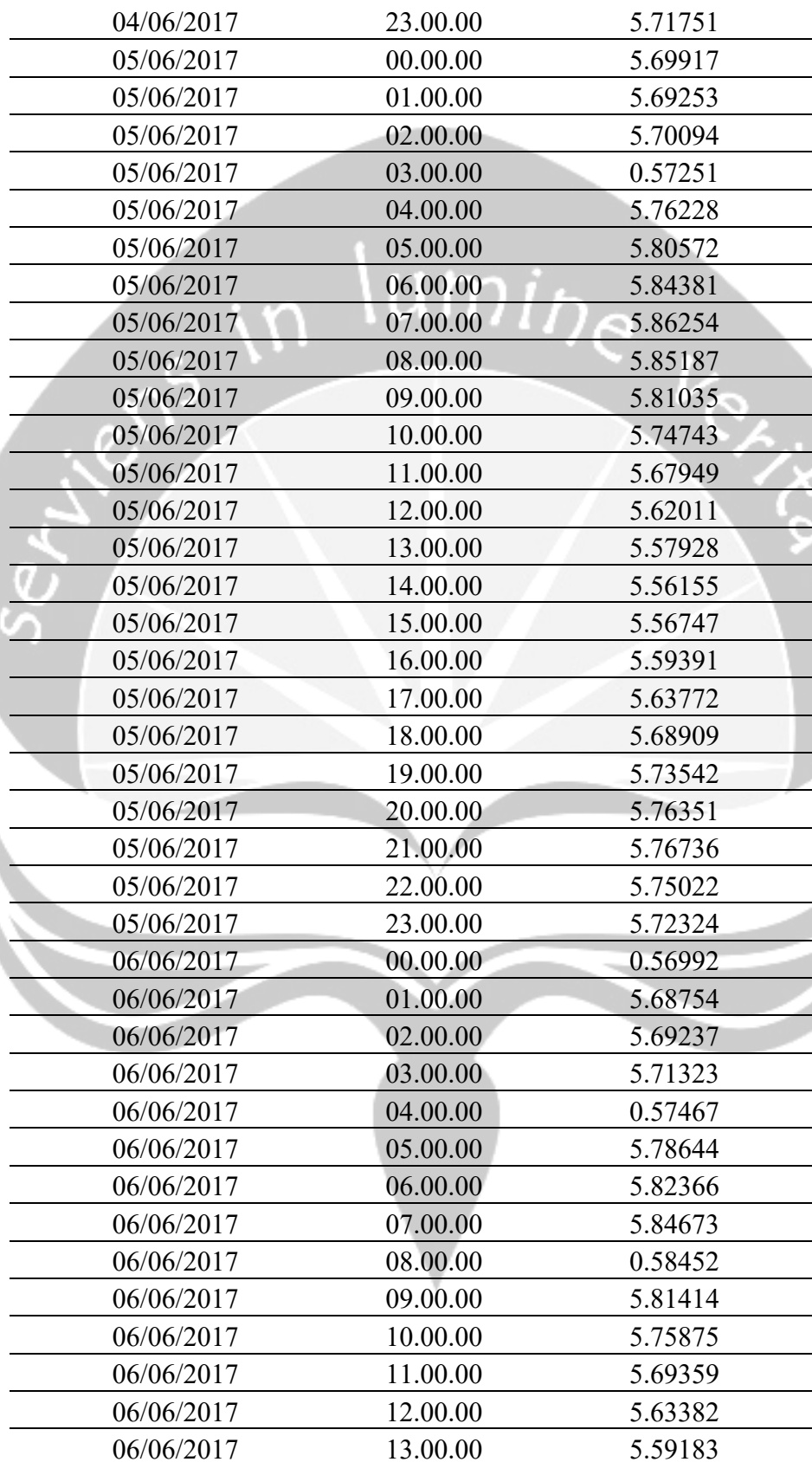
Lampiran 29.

**Report of Temperature
PLTGU Muara Karang CCPP 400-500 MW**

SKENARIO II		Obs 5
Date	Time	Temperature
02/06/2017	00.00.00	0
02/06/2017	01.00.00	2.31E+00
02/06/2017	02.00.00	3.30822
02/06/2017	03.00.00	3.90271
02/06/2017	04.00.00	4.31886
02/06/2017	05.00.00	4.61947
02/06/2017	06.00.00	4.82609
02/06/2017	07.00.00	4.95659
02/06/2017	08.00.00	5.02941
02/06/2017	09.00.00	5.06469
02/06/2017	10.00.00	5.07952
02/06/2017	11.00.00	5.08736
02/06/2017	12.00.00	5.09978
02/06/2017	13.00.00	5.12649
02/06/2017	14.00.00	5.17401
02/06/2017	15.00.00	5.24089
02/06/2017	16.00.00	5.32344
02/06/2017	17.00.00	5.41299
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02/06/2017	19.00.00	5.55333
02/06/2017	20.00.00	5.59018
02/06/2017	21.00.00	5.60734
02/06/2017	22.00.00	5.61189
02/06/2017	23.00.00	5.61133
03/06/2017	00.00.00	5.61267
03/06/2017	01.00.00	5.62259
03/06/2017	02.00.00	5.64665
03/06/2017	03.00.00	5.68602
03/06/2017	04.00.00	0.57354
03/06/2017	05.00.00	5.78254
03/06/2017	06.00.00	5.81238
03/06/2017	07.00.00	5.81376



03/06/2017	08.00.00	5.78486
03/06/2017	09.00.00	5.73191
03/06/2017	10.00.00	5.66848
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03/06/2017	12.00.00	5.55455
03/06/2017	13.00.00	5.52122
03/06/2017	14.00.00	5.51185
03/06/2017	15.00.00	5.52837
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04/06/2017	03.00.00	5.73347
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04/06/2017	05.00.00	5.81946
04/06/2017	06.00.00	5.85374
04/06/2017	07.00.00	5.86343
04/06/2017	08.00.00	5.84175
04/06/2017	09.00.00	5.79138
04/06/2017	10.00.00	0.57251
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04/06/2017	18.00.00	5.68877
04/06/2017	19.00.00	5.73357
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04/06/2017	22.00.00	5.74043



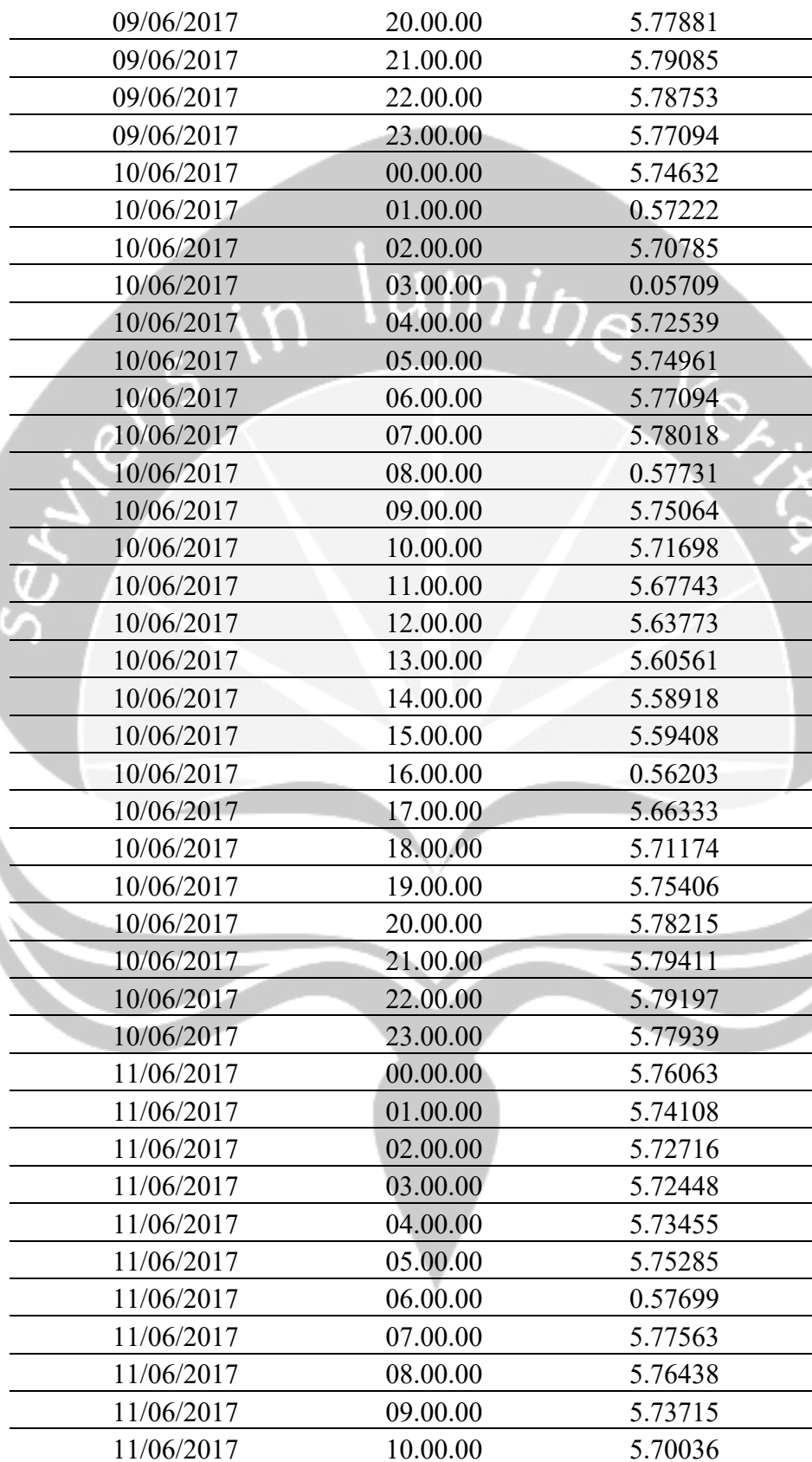
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05/06/2017	03.00.00	0.57251
05/06/2017	04.00.00	5.76228
05/06/2017	05.00.00	5.80572
05/06/2017	06.00.00	5.84381
05/06/2017	07.00.00	5.86254
05/06/2017	08.00.00	5.85187
05/06/2017	09.00.00	5.81035
05/06/2017	10.00.00	5.74743
05/06/2017	11.00.00	5.67949
05/06/2017	12.00.00	5.62011
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05/06/2017	14.00.00	5.56155
05/06/2017	15.00.00	5.56747
05/06/2017	16.00.00	5.59391
05/06/2017	17.00.00	5.63772
05/06/2017	18.00.00	5.68909
05/06/2017	19.00.00	5.73542
05/06/2017	20.00.00	5.76351
05/06/2017	21.00.00	5.76736
05/06/2017	22.00.00	5.75022
05/06/2017	23.00.00	5.72324
06/06/2017	00.00.00	0.56992
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06/06/2017	07.00.00	5.84673
06/06/2017	08.00.00	0.58452
06/06/2017	09.00.00	5.81414
06/06/2017	10.00.00	5.75875
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06/06/2017	12.00.00	5.63382
06/06/2017	13.00.00	5.59183



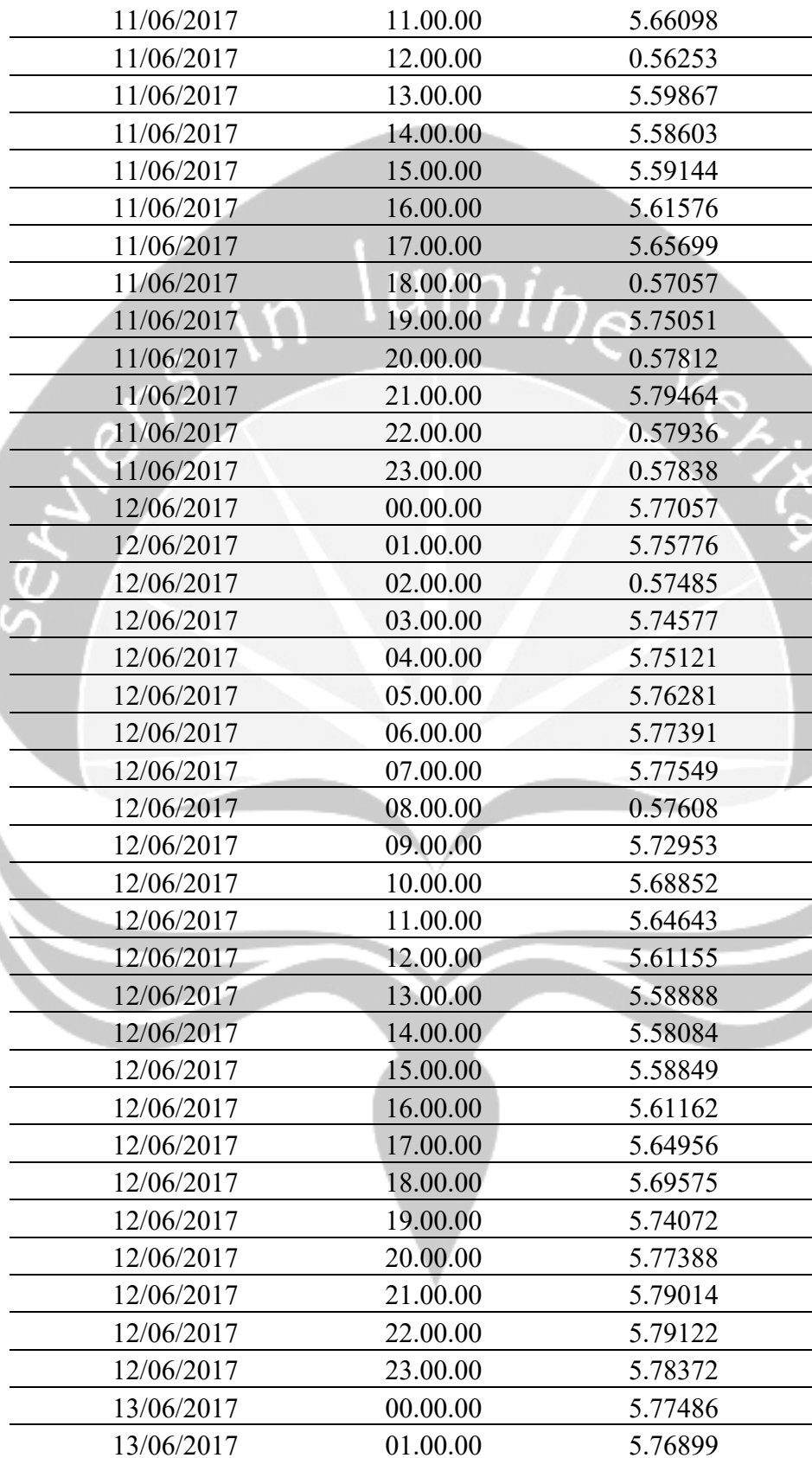
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06/06/2017	20.00.00	5.76691
06/06/2017	21.00.00	5.77515
06/06/2017	22.00.00	5.76095
06/06/2017	23.00.00	0.57328
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07/06/2017	01.00.00	5.68681
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07/06/2017	03.00.00	5.70427
07/06/2017	04.00.00	5.73445
07/06/2017	05.00.00	5.77005
07/06/2017	06.00.00	5.80334
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07/06/2017	13.00.00	5.60117
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07/06/2017	16.00.00	5.61384
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07/06/2017	18.00.00	5.69777
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08/06/2017	03.00.00	5.69971
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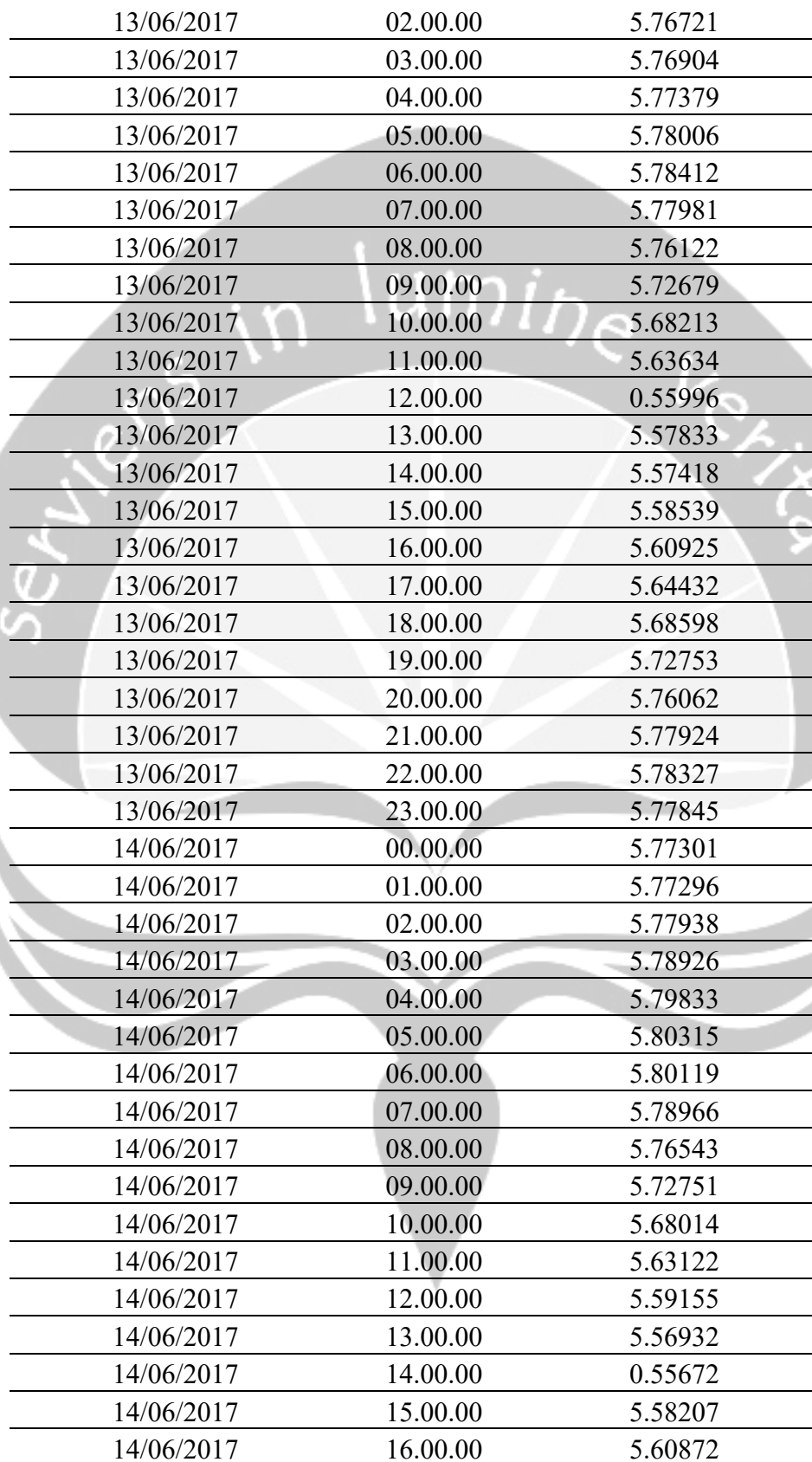
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08/06/2017	10.00.00	5.75134
08/06/2017	11.00.00	5.70042
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09/06/2017	16.00.00	5.62279
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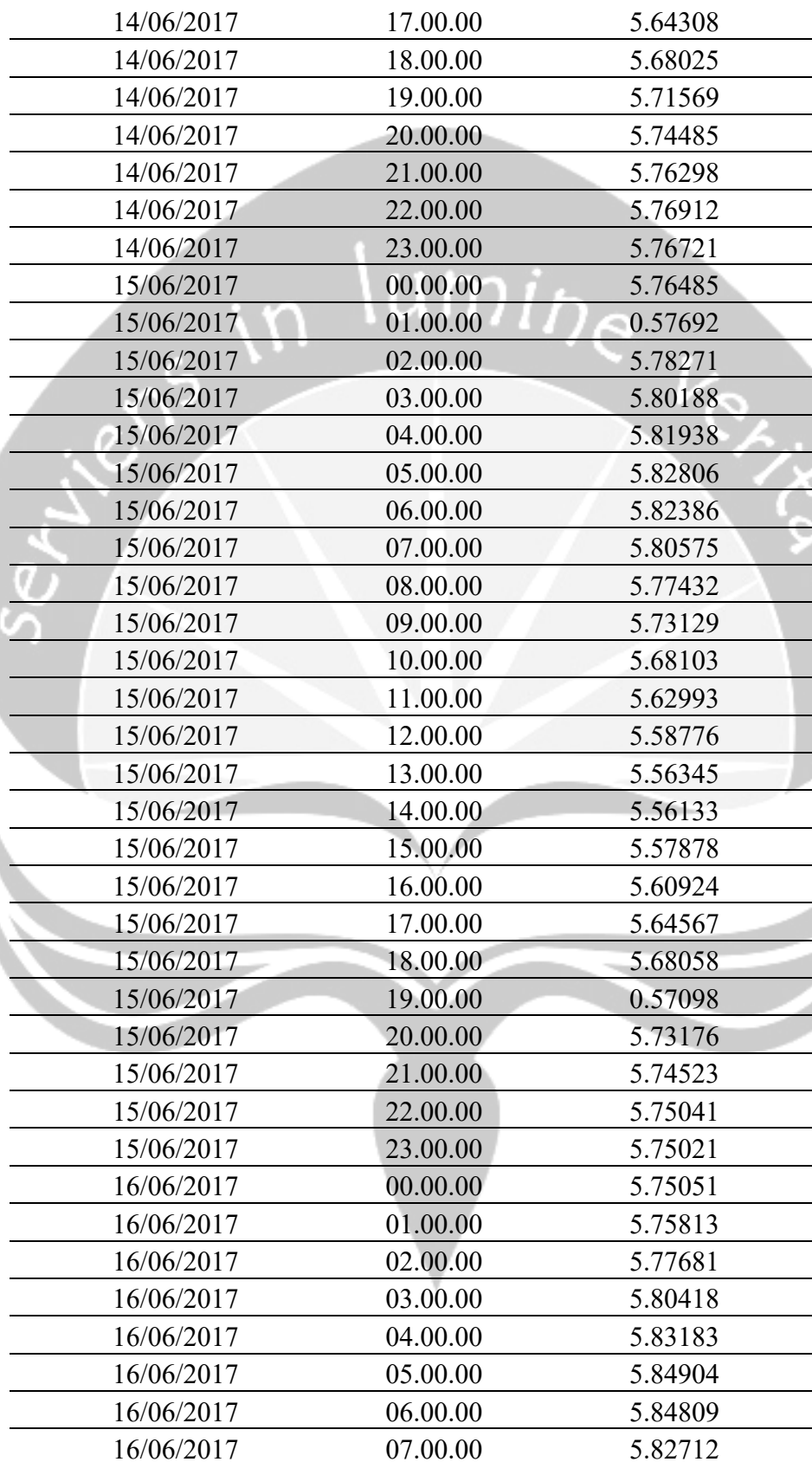
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10/06/2017	03.00.00	0.05709
10/06/2017	04.00.00	5.72539
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10/06/2017	13.00.00	5.60561
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11/06/2017	02.00.00	5.72716
11/06/2017	03.00.00	5.72448
11/06/2017	04.00.00	5.73455
11/06/2017	05.00.00	5.75285
11/06/2017	06.00.00	0.57699
11/06/2017	07.00.00	5.77563
11/06/2017	08.00.00	5.76438
11/06/2017	09.00.00	5.73715
11/06/2017	10.00.00	5.70036



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11/06/2017	12.00.00	0.56253
11/06/2017	13.00.00	5.59867
11/06/2017	14.00.00	5.58603
11/06/2017	15.00.00	5.59144
11/06/2017	16.00.00	5.61576
11/06/2017	17.00.00	5.65699
11/06/2017	18.00.00	0.57057
11/06/2017	19.00.00	5.75051
11/06/2017	20.00.00	0.57812
11/06/2017	21.00.00	5.79464
11/06/2017	22.00.00	0.57936
11/06/2017	23.00.00	0.57838
12/06/2017	00.00.00	5.77057
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12/06/2017	02.00.00	0.57485
12/06/2017	03.00.00	5.74577
12/06/2017	04.00.00	5.75121
12/06/2017	05.00.00	5.76281
12/06/2017	06.00.00	5.77391
12/06/2017	07.00.00	5.77549
12/06/2017	08.00.00	0.57608
12/06/2017	09.00.00	5.72953
12/06/2017	10.00.00	5.68852
12/06/2017	11.00.00	5.64643
12/06/2017	12.00.00	5.61155
12/06/2017	13.00.00	5.58888
12/06/2017	14.00.00	5.58084
12/06/2017	15.00.00	5.58849
12/06/2017	16.00.00	5.61162
12/06/2017	17.00.00	5.64956
12/06/2017	18.00.00	5.69575
12/06/2017	19.00.00	5.74072
12/06/2017	20.00.00	5.77388
12/06/2017	21.00.00	5.79014
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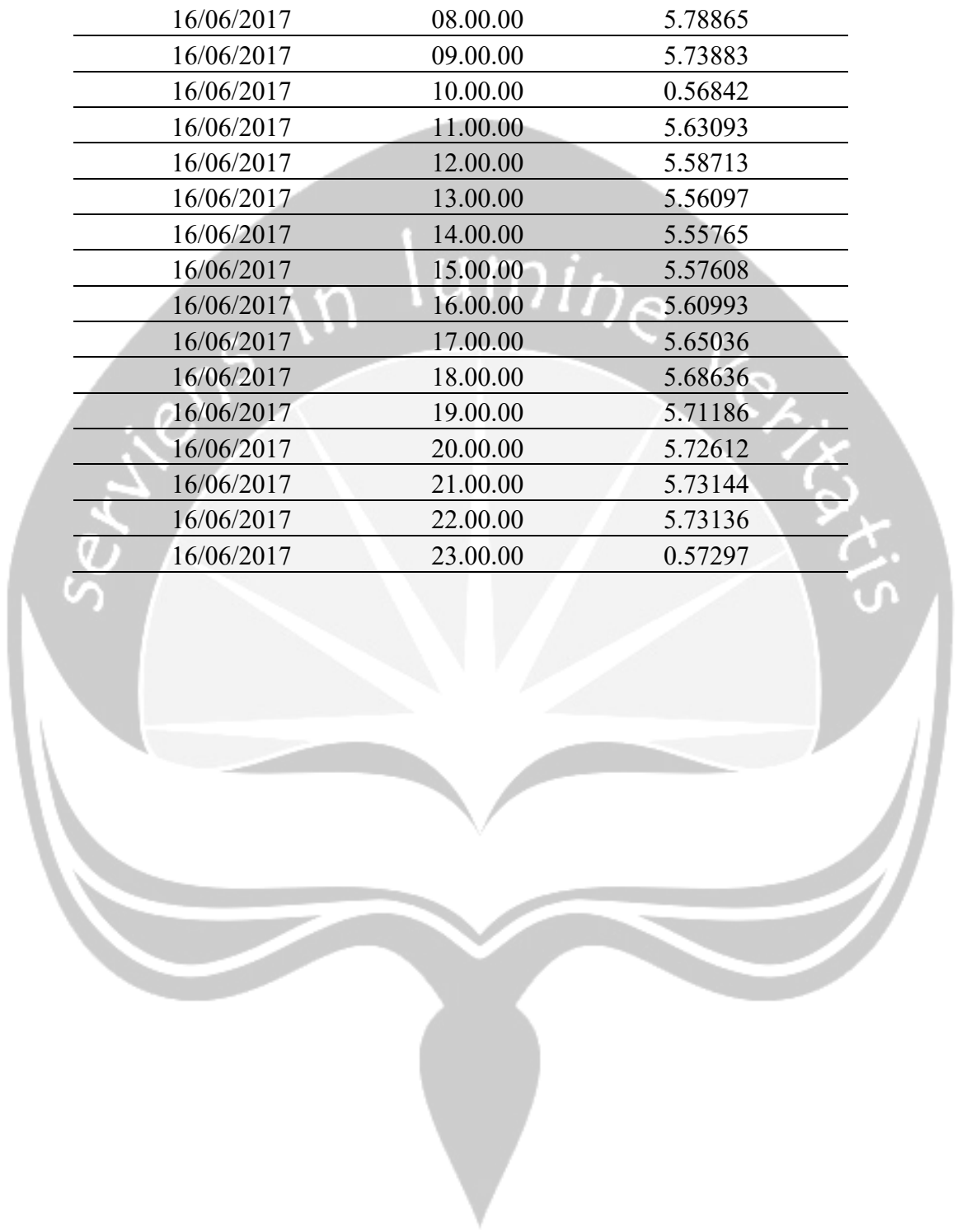


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13/06/2017	07.00.00	5.77981
13/06/2017	08.00.00	5.76122
13/06/2017	09.00.00	5.72679
13/06/2017	10.00.00	5.68213
13/06/2017	11.00.00	5.63634
13/06/2017	12.00.00	0.55996
13/06/2017	13.00.00	5.57833
13/06/2017	14.00.00	5.57418
13/06/2017	15.00.00	5.58539
13/06/2017	16.00.00	5.60925
13/06/2017	17.00.00	5.64432
13/06/2017	18.00.00	5.68598
13/06/2017	19.00.00	5.72753
13/06/2017	20.00.00	5.76062
13/06/2017	21.00.00	5.77924
13/06/2017	22.00.00	5.78327
13/06/2017	23.00.00	5.77845
14/06/2017	00.00.00	5.77301
14/06/2017	01.00.00	5.77296
14/06/2017	02.00.00	5.77938
14/06/2017	03.00.00	5.78926
14/06/2017	04.00.00	5.79833
14/06/2017	05.00.00	5.80315
14/06/2017	06.00.00	5.80119
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14/06/2017	08.00.00	5.76543
14/06/2017	09.00.00	5.72751
14/06/2017	10.00.00	5.68014
14/06/2017	11.00.00	5.63122
14/06/2017	12.00.00	5.59155
14/06/2017	13.00.00	5.56932
14/06/2017	14.00.00	0.55672
14/06/2017	15.00.00	5.58207
14/06/2017	16.00.00	5.60872



14/06/2017	17.00.00	5.64308
14/06/2017	18.00.00	5.68025
14/06/2017	19.00.00	5.71569
14/06/2017	20.00.00	5.74485
14/06/2017	21.00.00	5.76298
14/06/2017	22.00.00	5.76912
14/06/2017	23.00.00	5.76721
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15/06/2017	02.00.00	5.78271
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15/06/2017	04.00.00	5.81938
15/06/2017	05.00.00	5.82806
15/06/2017	06.00.00	5.82386
15/06/2017	07.00.00	5.80575
15/06/2017	08.00.00	5.77432
15/06/2017	09.00.00	5.73129
15/06/2017	10.00.00	5.68103
15/06/2017	11.00.00	5.62993
15/06/2017	12.00.00	5.58776
15/06/2017	13.00.00	5.56345
15/06/2017	14.00.00	5.56133
15/06/2017	15.00.00	5.57878
15/06/2017	16.00.00	5.60924
15/06/2017	17.00.00	5.64567
15/06/2017	18.00.00	5.68058
15/06/2017	19.00.00	0.57098
15/06/2017	20.00.00	5.73176
15/06/2017	21.00.00	5.74523
15/06/2017	22.00.00	5.75041
15/06/2017	23.00.00	5.75021
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16/06/2017	02.00.00	5.77681
16/06/2017	03.00.00	5.80418
16/06/2017	04.00.00	5.83183
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16/06/2017	06.00.00	5.84809
16/06/2017	07.00.00	5.82712

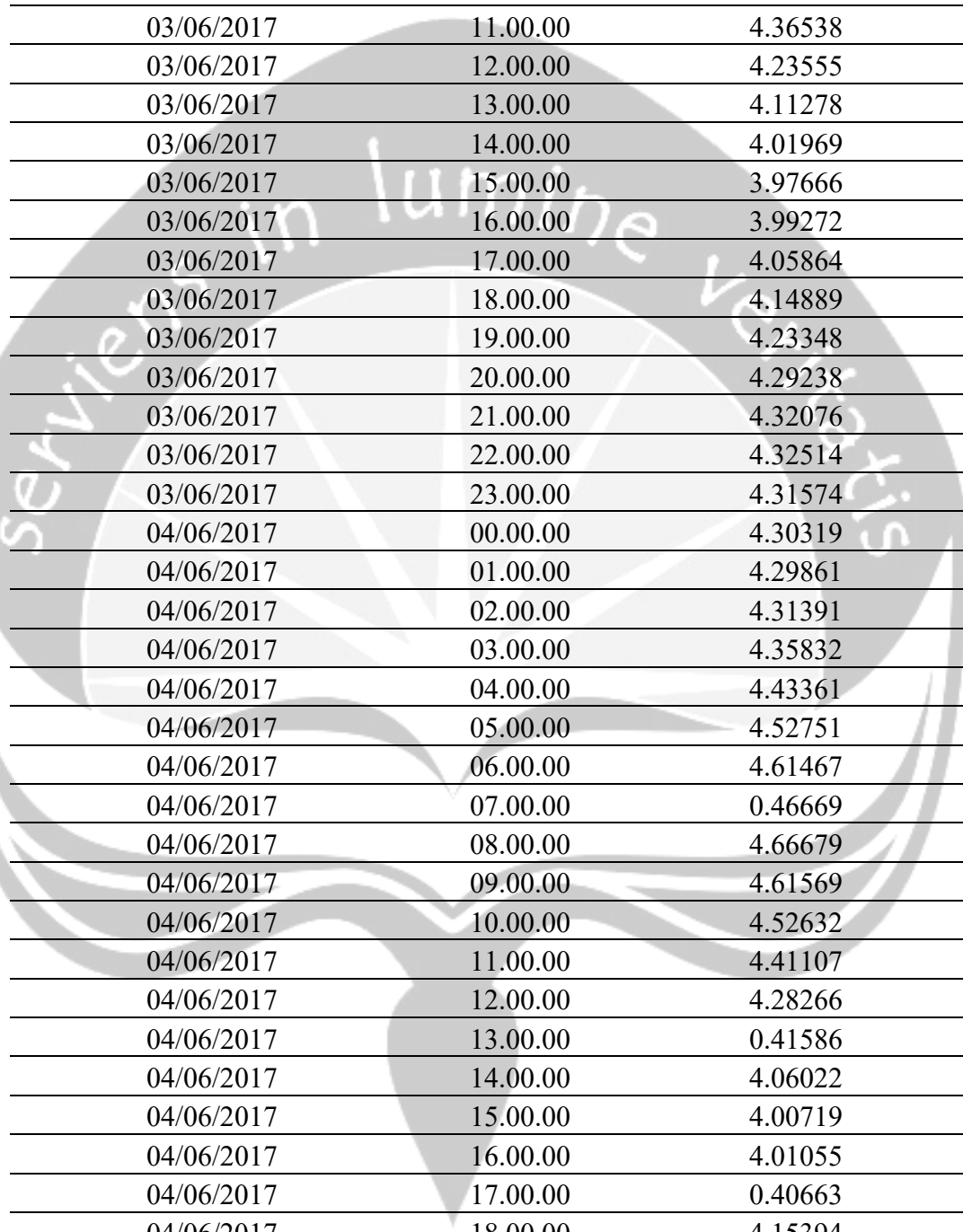
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16/06/2017	12.00.00	5.58713
16/06/2017	13.00.00	5.56097
16/06/2017	14.00.00	5.55765
16/06/2017	15.00.00	5.57608
16/06/2017	16.00.00	5.60993
16/06/2017	17.00.00	5.65036
16/06/2017	18.00.00	5.68636
16/06/2017	19.00.00	5.71186
16/06/2017	20.00.00	5.72612
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16/06/2017	22.00.00	5.73136
16/06/2017	23.00.00	0.57297



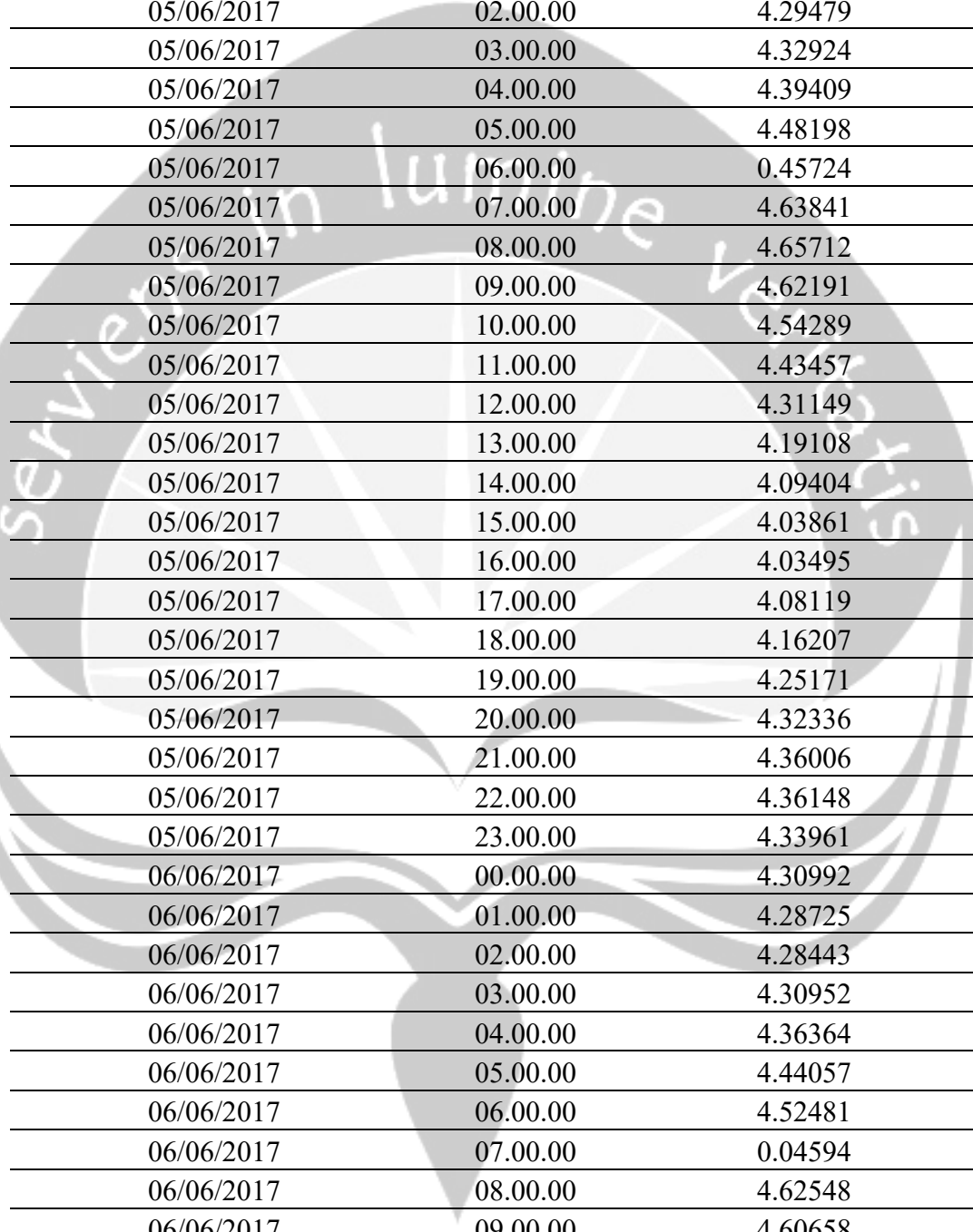
Lampiran 30.

**Report of Temperature
PLTGU Muara Karang CCPP 400-500 MW**

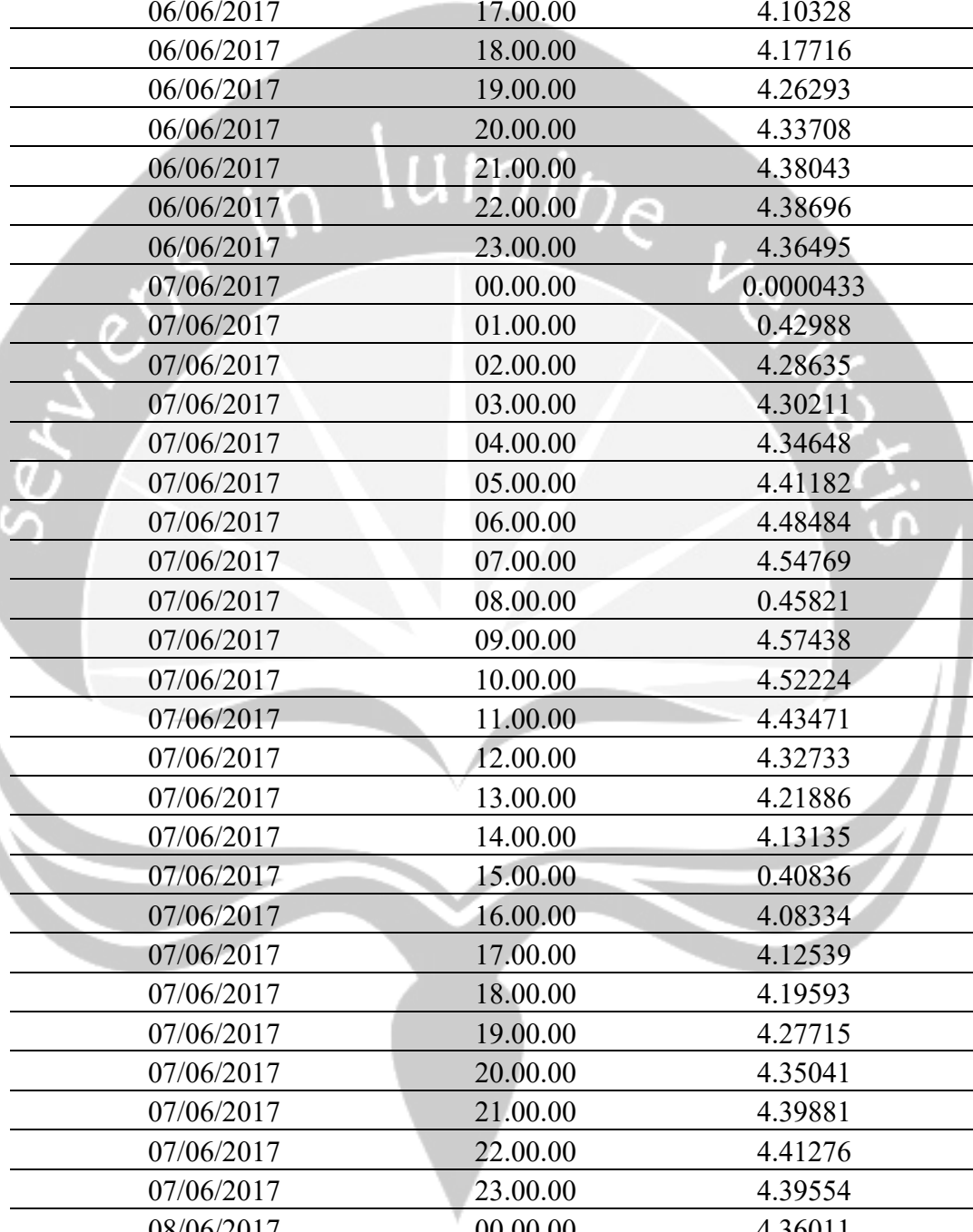
SKENARIO III		Obs 1
Date	Time	Temperature
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02/06/2017	03.00.00	2.78237
02/06/2017	04.00.00	3.24432
02/06/2017	05.00.00	0.35983
02/06/2017	06.00.00	3.85064
02/06/2017	07.00.00	0.40074
02/06/2017	08.00.00	4.08267
02/06/2017	09.00.00	4.09487
02/06/2017	10.00.00	4.06075
02/06/2017	11.00.00	3.99546
02/06/2017	12.00.00	3.91576
02/06/2017	13.00.00	3.84311
02/06/2017	14.00.00	3.80071
02/06/2017	15.00.00	0.38064
02/06/2017	16.00.00	3.86367
02/06/2017	17.00.00	3.95766
02/06/2017	18.00.00	4.06216
02/06/2017	19.00.00	4.15303
02/06/2017	20.00.00	0.42182
02/06/2017	21.00.00	4.25705
02/06/2017	22.00.00	4.27513
02/06/2017	23.00.00	4.27988
03/06/2017	00.00.00	4.28039
03/06/2017	01.00.00	4.28832
03/06/2017	02.00.00	4.31646
03/06/2017	03.00.00	4.37357
03/06/2017	04.00.00	4.45767
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03/06/2017	06.00.00	4.62517
03/06/2017	07.00.00	4.65792



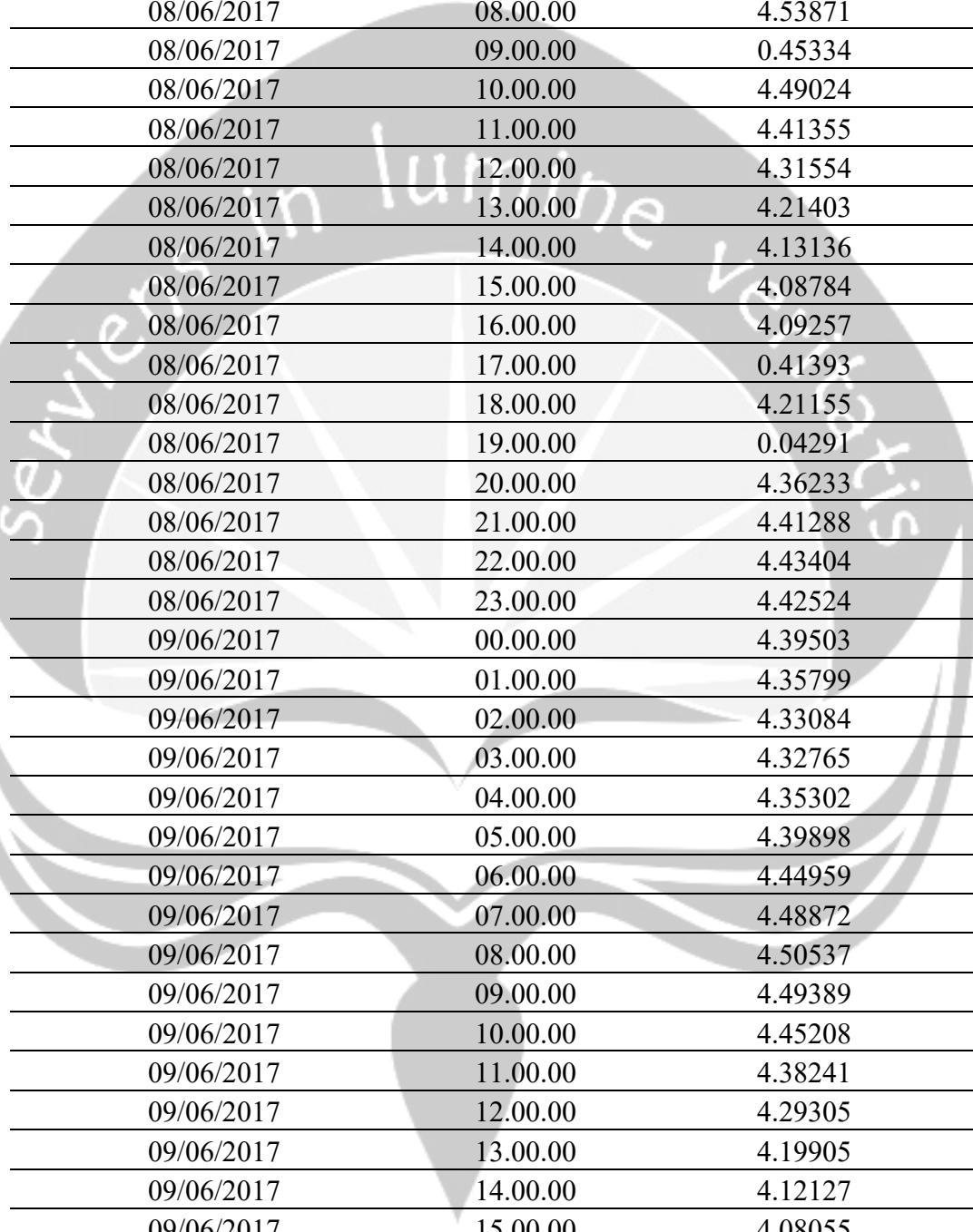
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03/06/2017	12.00.00	4.23555
03/06/2017	13.00.00	4.11278
03/06/2017	14.00.00	4.01969
03/06/2017	15.00.00	3.97666
03/06/2017	16.00.00	3.99272
03/06/2017	17.00.00	4.05864
03/06/2017	18.00.00	4.14889
03/06/2017	19.00.00	4.23348
03/06/2017	20.00.00	4.29238
03/06/2017	21.00.00	4.32076
03/06/2017	22.00.00	4.32514
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04/06/2017	00.00.00	4.30319
04/06/2017	01.00.00	4.29861
04/06/2017	02.00.00	4.31391
04/06/2017	03.00.00	4.35832
04/06/2017	04.00.00	4.43361
04/06/2017	05.00.00	4.52751
04/06/2017	06.00.00	4.61467
04/06/2017	07.00.00	0.46669
04/06/2017	08.00.00	4.66679
04/06/2017	09.00.00	4.61569
04/06/2017	10.00.00	4.52632
04/06/2017	11.00.00	4.41107
04/06/2017	12.00.00	4.28266
04/06/2017	13.00.00	0.41586
04/06/2017	14.00.00	4.06022
04/06/2017	15.00.00	4.00719
04/06/2017	16.00.00	4.01055
04/06/2017	17.00.00	0.40663
04/06/2017	18.00.00	4.15394
04/06/2017	19.00.00	4.24343
04/06/2017	20.00.00	4.30915
04/06/2017	21.00.00	4.33995
04/06/2017	22.00.00	4.34057



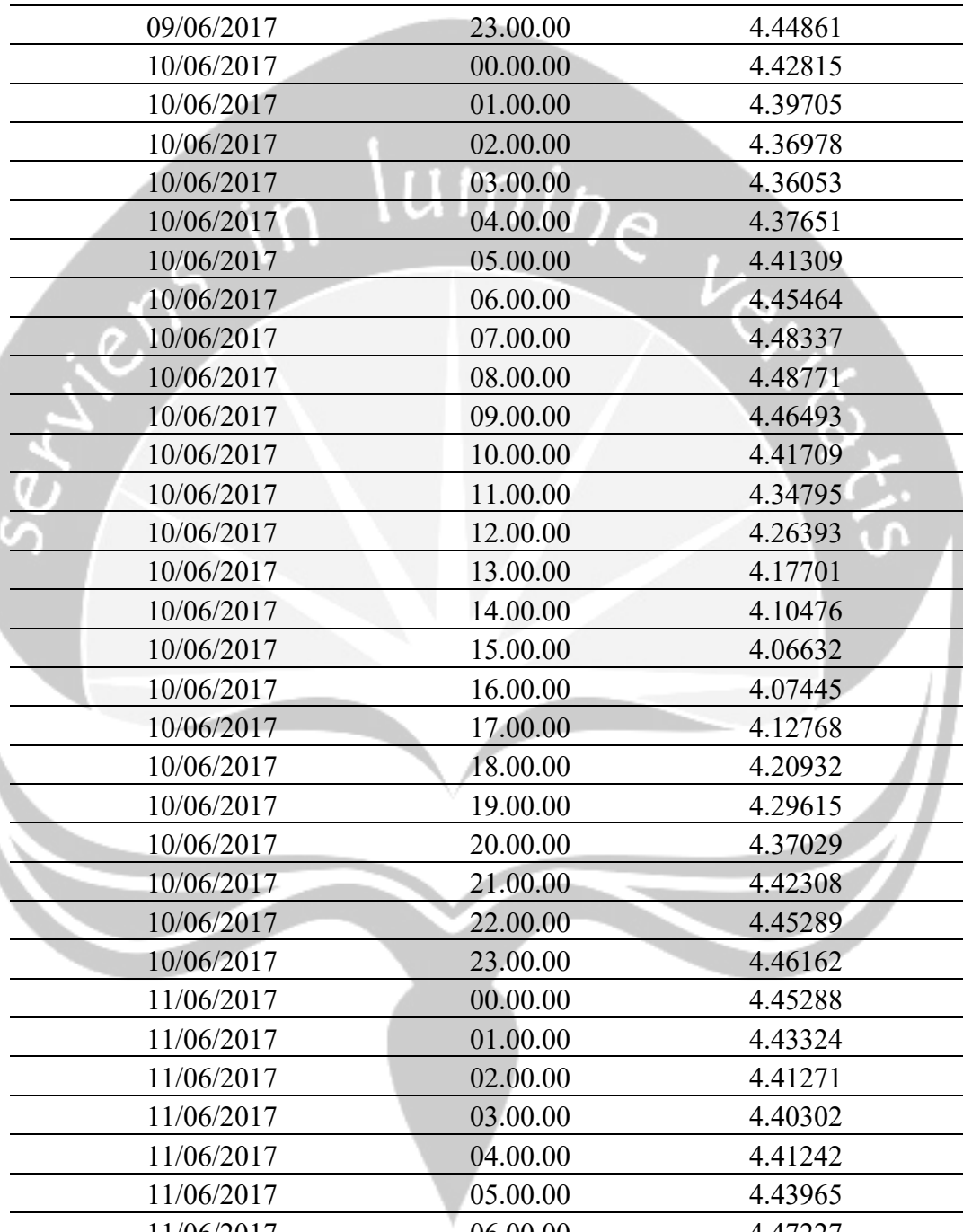
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05/06/2017	02.00.00	4.29479
05/06/2017	03.00.00	4.32924
05/06/2017	04.00.00	4.39409
05/06/2017	05.00.00	4.48198
05/06/2017	06.00.00	0.45724
05/06/2017	07.00.00	4.63841
05/06/2017	08.00.00	4.65712
05/06/2017	09.00.00	4.62191
05/06/2017	10.00.00	4.54289
05/06/2017	11.00.00	4.43457
05/06/2017	12.00.00	4.31149
05/06/2017	13.00.00	4.19108
05/06/2017	14.00.00	4.09404
05/06/2017	15.00.00	4.03861
05/06/2017	16.00.00	4.03495
05/06/2017	17.00.00	4.08119
05/06/2017	18.00.00	4.16207
05/06/2017	19.00.00	4.25171
05/06/2017	20.00.00	4.32336
05/06/2017	21.00.00	4.36006
05/06/2017	22.00.00	4.36148
05/06/2017	23.00.00	4.33961
06/06/2017	00.00.00	4.30992
06/06/2017	01.00.00	4.28725
06/06/2017	02.00.00	4.28443
06/06/2017	03.00.00	4.30952
06/06/2017	04.00.00	4.36364
06/06/2017	05.00.00	4.44057
06/06/2017	06.00.00	4.52481
06/06/2017	07.00.00	0.04594
06/06/2017	08.00.00	4.62548
06/06/2017	09.00.00	4.60658
06/06/2017	10.00.00	4.54099
06/06/2017	11.00.00	4.44219
06/06/2017	12.00.00	4.32628
06/06/2017	13.00.00	4.21145



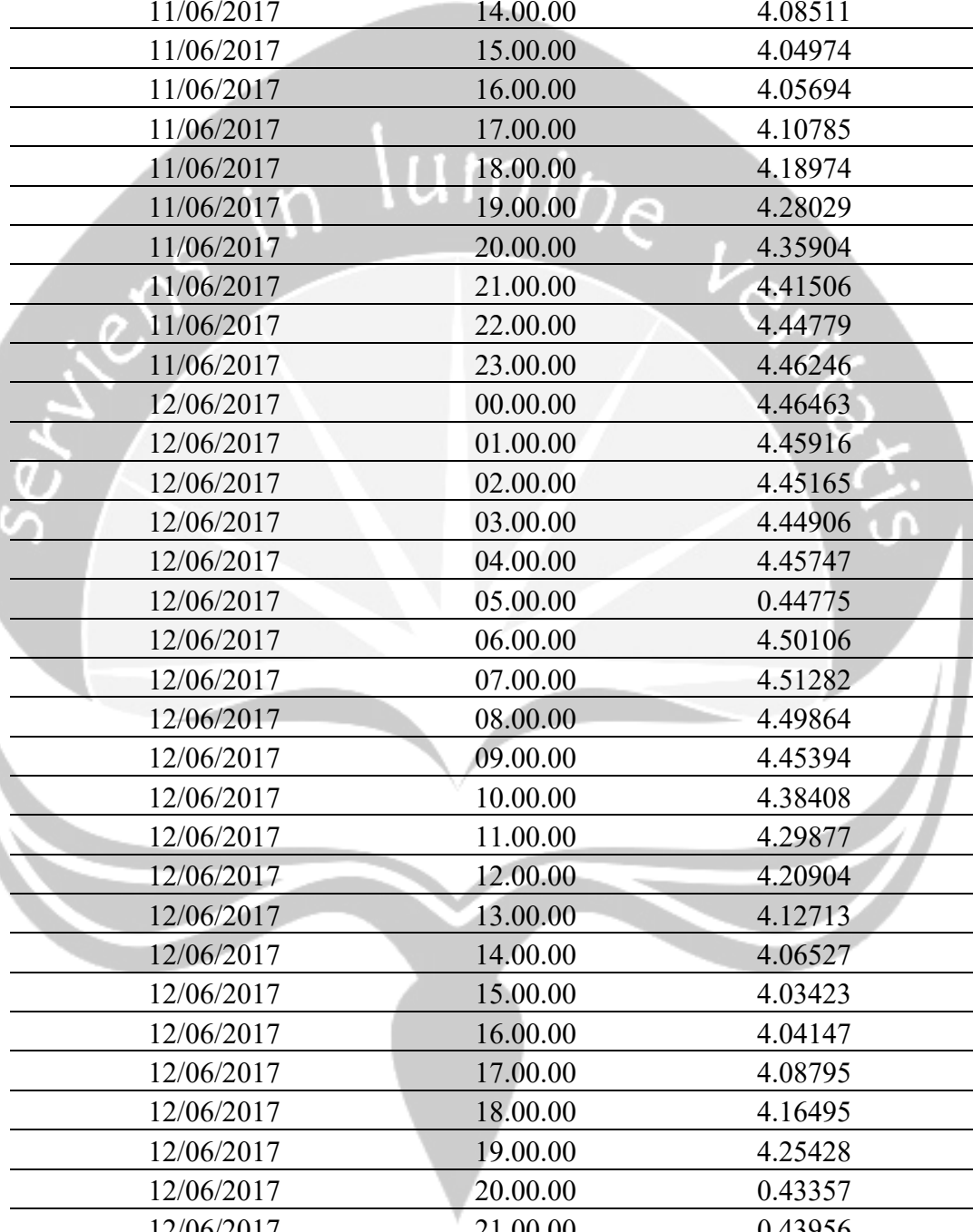
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07/06/2017	00.00.00	0.0000433
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07/06/2017	02.00.00	4.28635
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07/06/2017	04.00.00	4.34648
07/06/2017	05.00.00	4.41182
07/06/2017	06.00.00	4.48484
07/06/2017	07.00.00	4.54769
07/06/2017	08.00.00	0.45821
07/06/2017	09.00.00	4.57438
07/06/2017	10.00.00	4.52224
07/06/2017	11.00.00	4.43471
07/06/2017	12.00.00	4.32733
07/06/2017	13.00.00	4.21886
07/06/2017	14.00.00	4.13135
07/06/2017	15.00.00	0.40836
07/06/2017	16.00.00	4.08334
07/06/2017	17.00.00	4.12539
07/06/2017	18.00.00	4.19593
07/06/2017	19.00.00	4.27715
07/06/2017	20.00.00	4.35041
07/06/2017	21.00.00	4.39881
07/06/2017	22.00.00	4.41276
07/06/2017	23.00.00	4.39554
08/06/2017	00.00.00	4.36011
08/06/2017	01.00.00	4.32336
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08/06/2017	03.00.00	4.30803
08/06/2017	04.00.00	4.34305



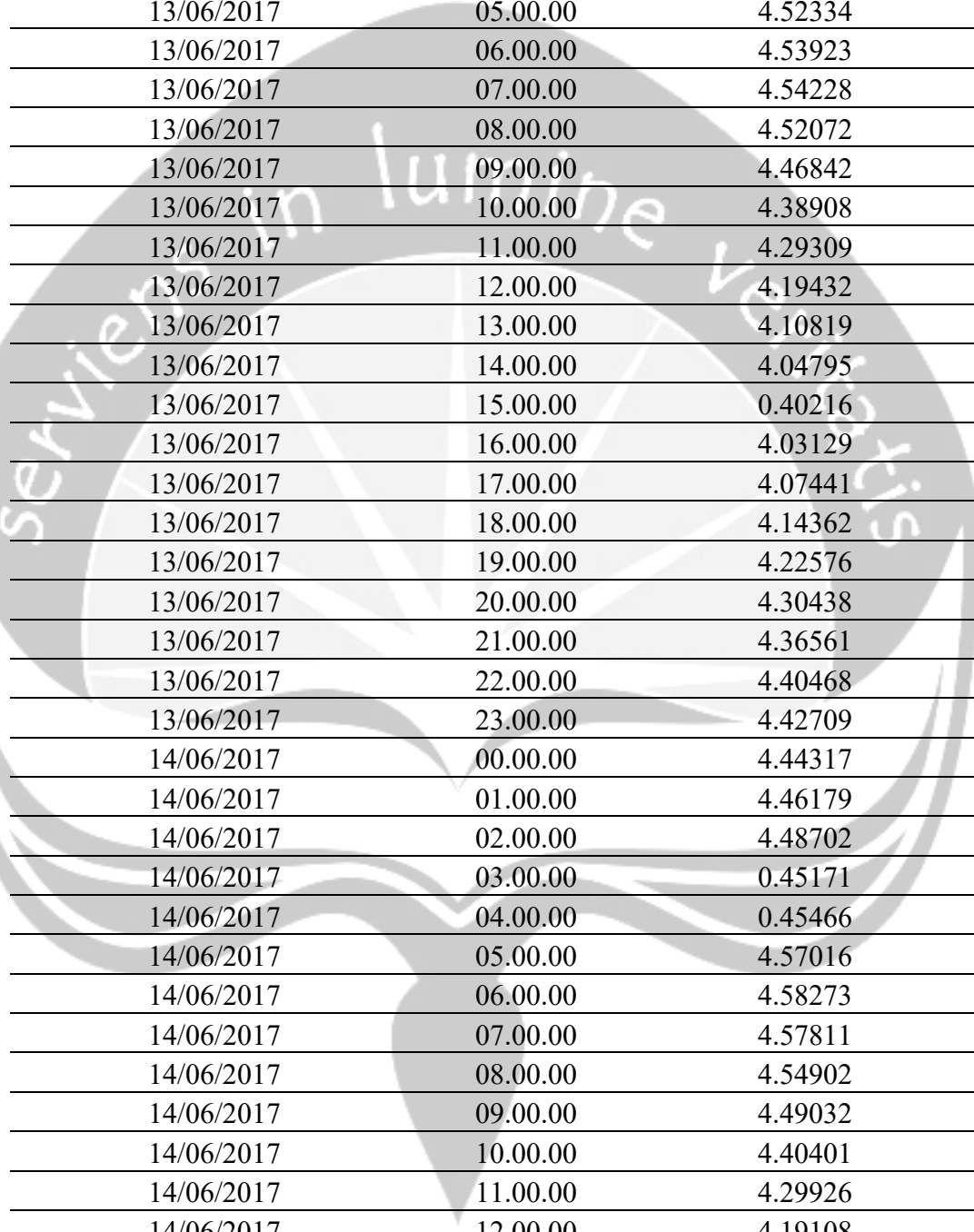
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08/06/2017	10.00.00	4.49024
08/06/2017	11.00.00	4.41355
08/06/2017	12.00.00	4.31554
08/06/2017	13.00.00	4.21403
08/06/2017	14.00.00	4.13136
08/06/2017	15.00.00	4.08784
08/06/2017	16.00.00	4.09257
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09/06/2017	04.00.00	4.35302
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09/06/2017	06.00.00	4.44959
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09/06/2017	08.00.00	4.50537
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09/06/2017	19.00.00	4.29899



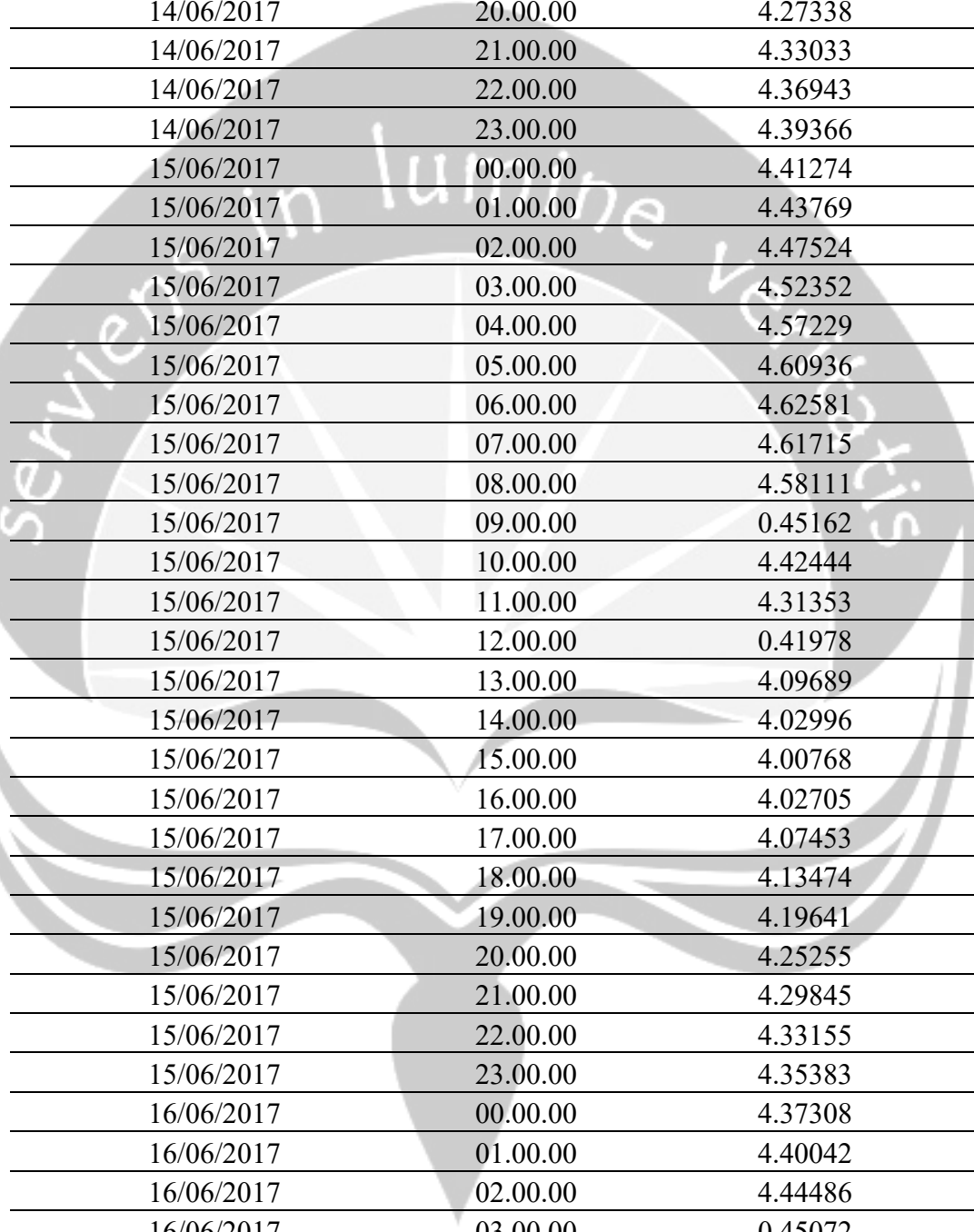
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11/06/2017	09.00.00	4.45161
11/06/2017	10.00.00	4.39313



11/06/2017	11.00.00	4.31794
11/06/2017	12.00.00	4.23383
11/06/2017	13.00.00	4.15156
11/06/2017	14.00.00	4.08511
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11/06/2017	17.00.00	4.10785
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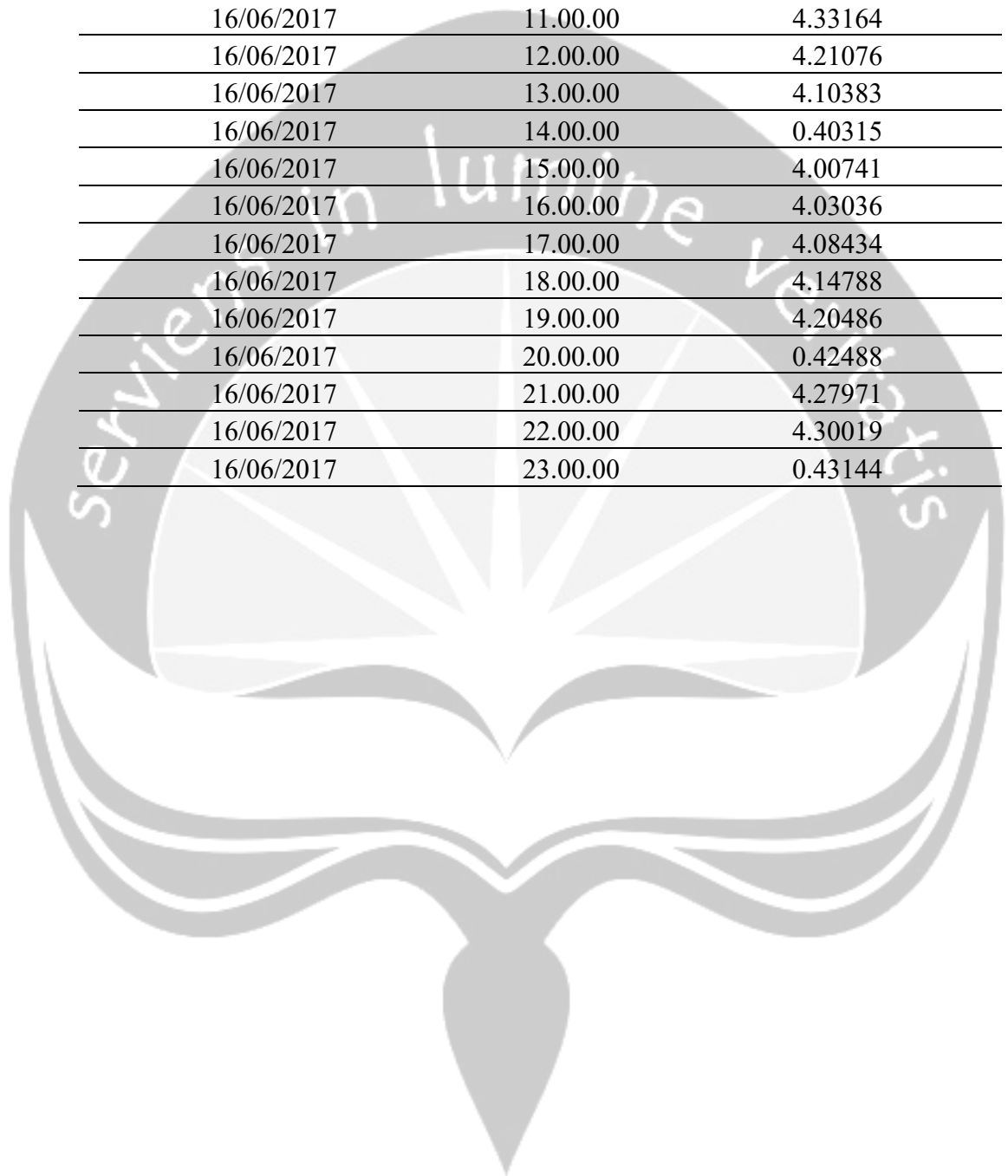


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Lampiran 31.

PLTGU Muara Karang CCPP 400-500 MW

SKENARIO III		Obs 2
Date	Time	Temperature
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03/06/2017	08.00.00	2.58693



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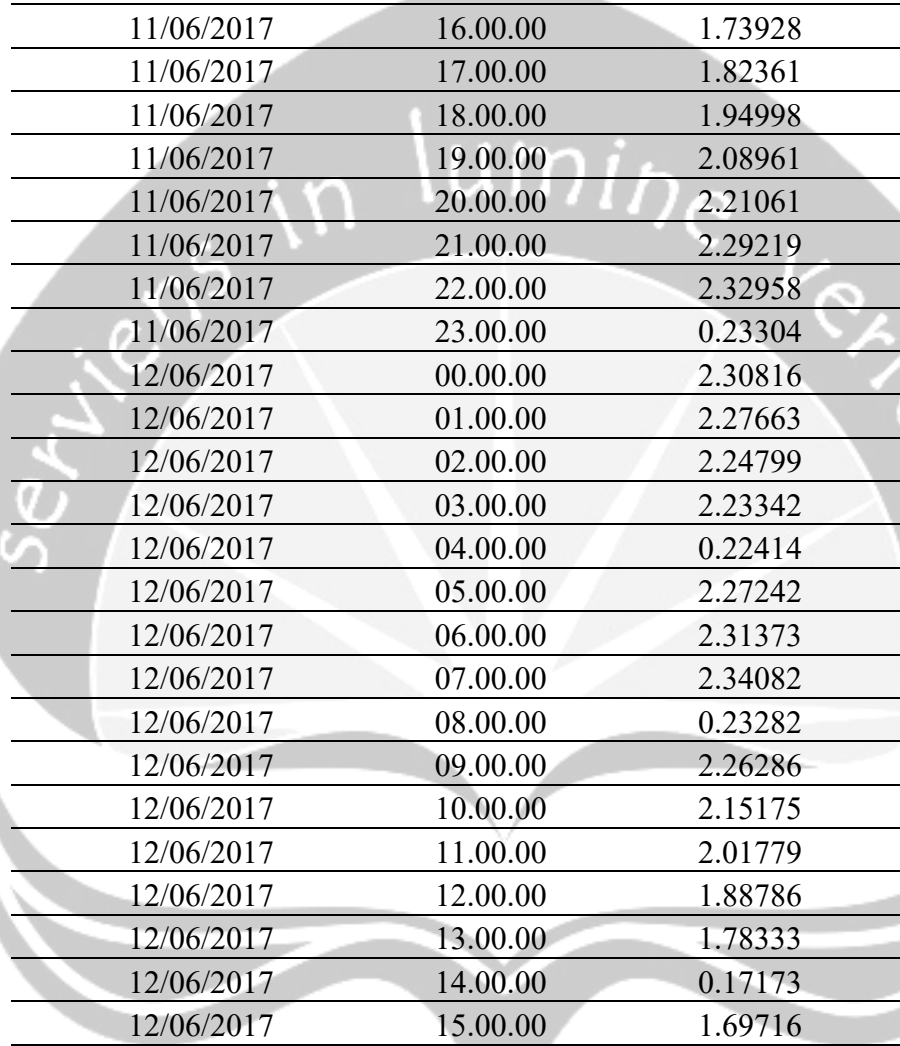
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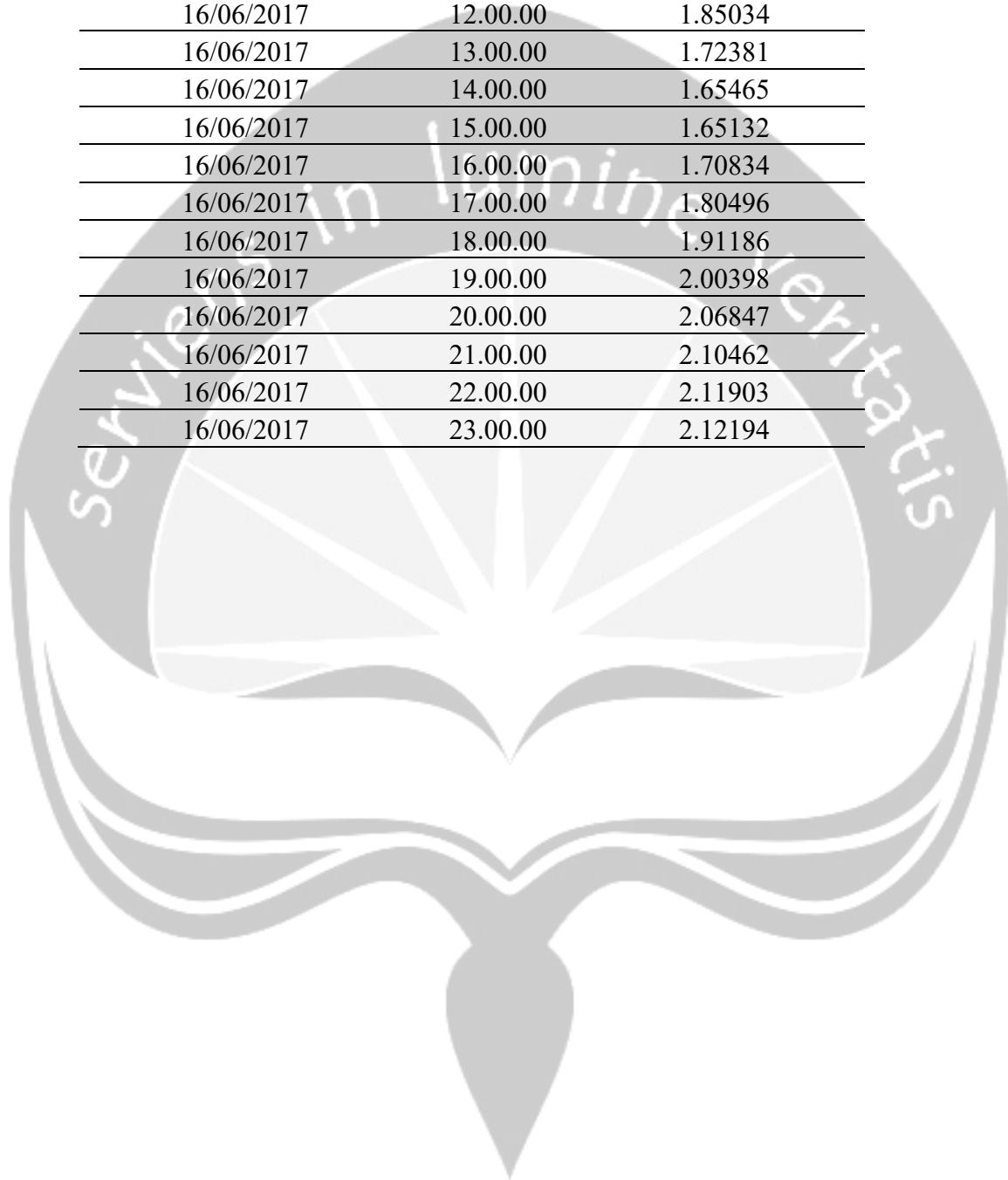


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15/06/2017	23.00.00	0.21836
16/06/2017	00.00.00	2.19335
16/06/2017	01.00.00	2.21465
16/06/2017	02.00.00	0.22649
16/06/2017	03.00.00	2.34876
16/06/2017	04.00.00	2.45124
16/06/2017	05.00.00	2.54214
16/06/2017	06.00.00	2.59058
16/06/2017	07.00.00	2.57743
16/06/2017	08.00.00	2.49904

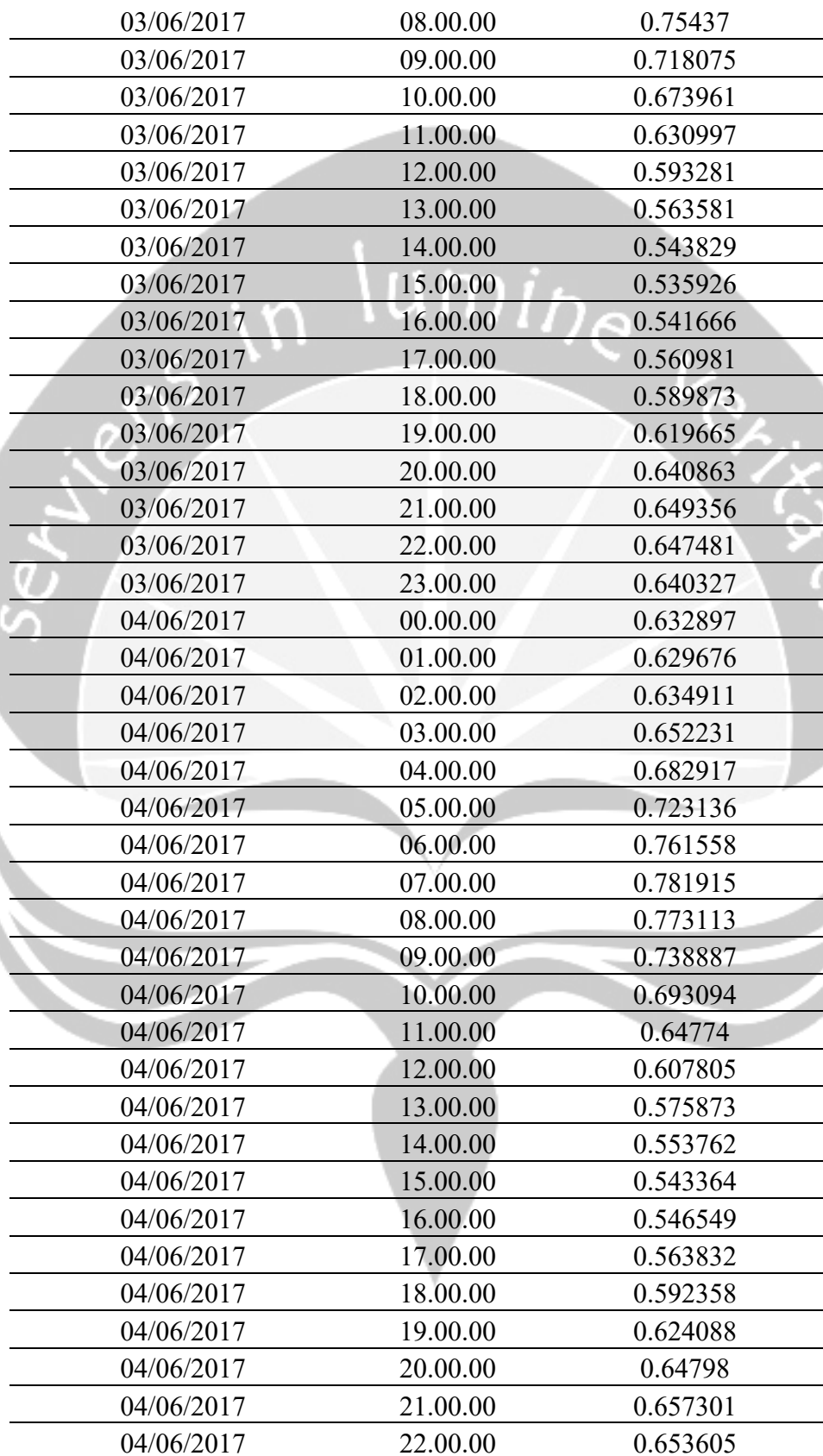
16/06/2017	09.00.00	2.36533
16/06/2017	10.00.00	0.02196
16/06/2017	11.00.00	2.01583
16/06/2017	12.00.00	1.85034
16/06/2017	13.00.00	1.72381
16/06/2017	14.00.00	1.65465
16/06/2017	15.00.00	1.65132
16/06/2017	16.00.00	1.70834
16/06/2017	17.00.00	1.80496
16/06/2017	18.00.00	1.91186
16/06/2017	19.00.00	2.00398
16/06/2017	20.00.00	2.06847
16/06/2017	21.00.00	2.10462
16/06/2017	22.00.00	2.11903
16/06/2017	23.00.00	2.12194



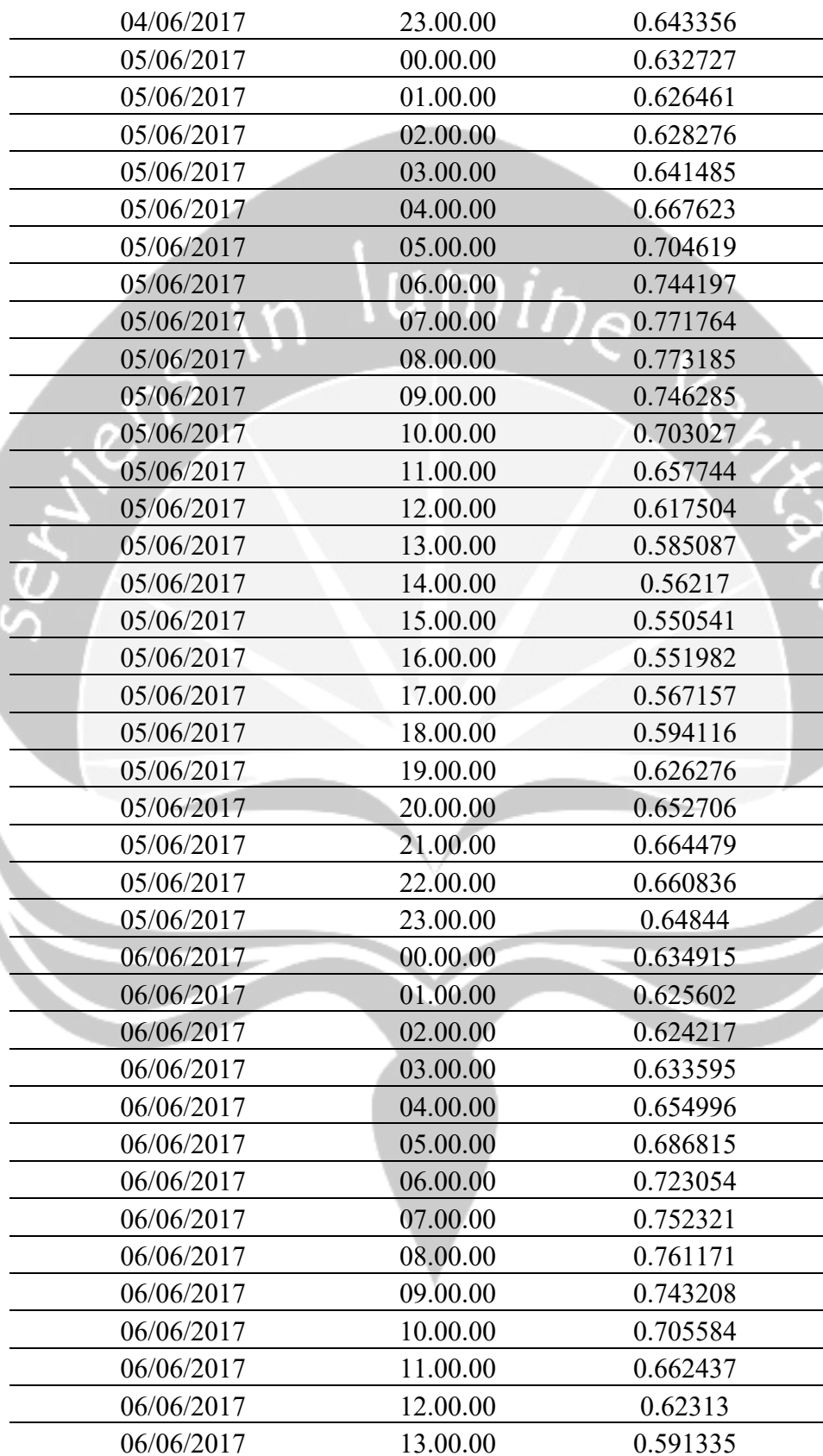
Lampiran 32.

**Report of Temperature
PLTGU Muara Karang CCPP 400-500 MW**

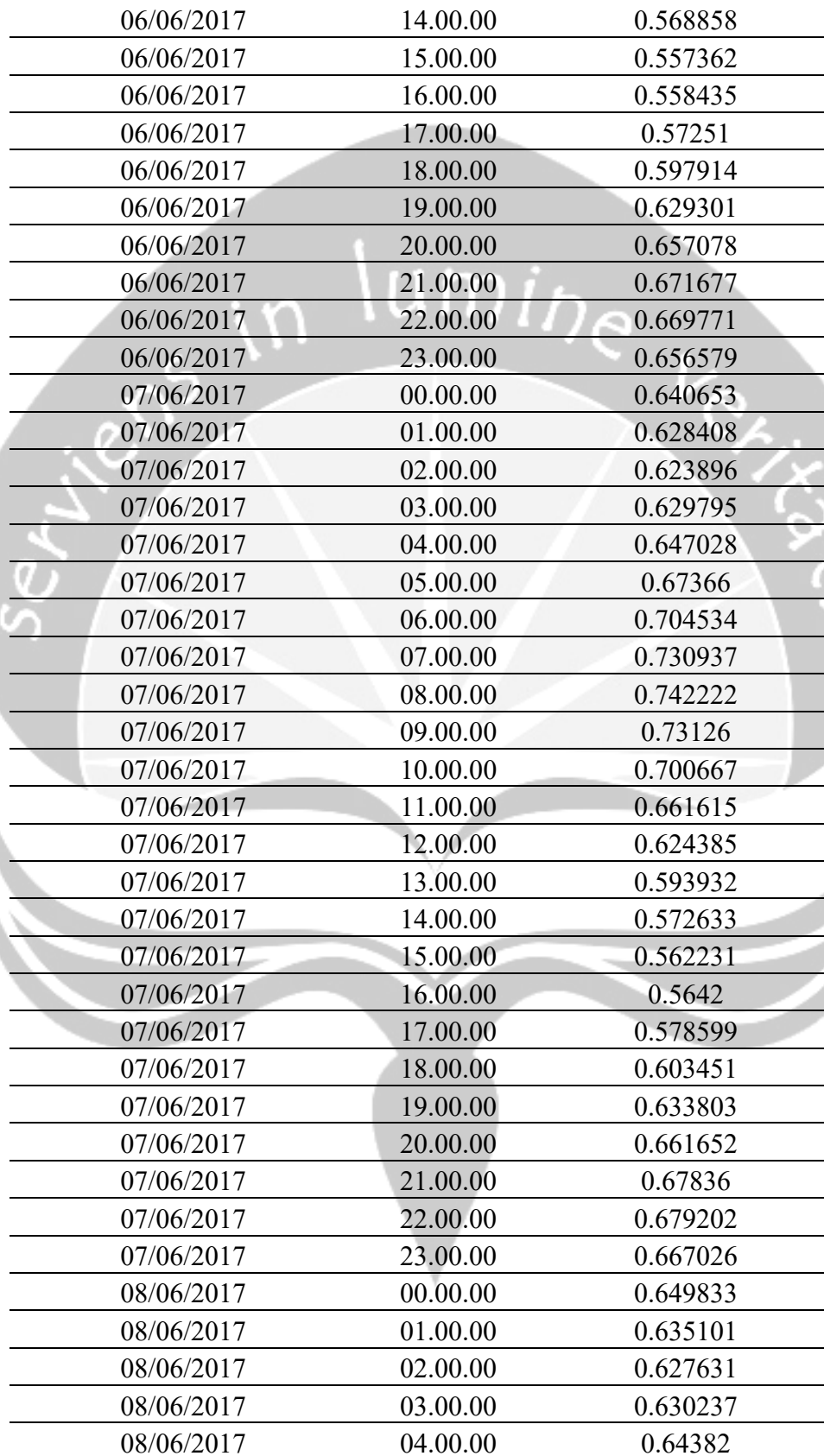
SKENARIO III		Obs 3
Date	Time	Temperature
02/06/2017	00.00.00	0
02/06/2017	01.00.00	4.77E-02
02/06/2017	02.00.00	0.115668
02/06/2017	03.00.00	0.171537
02/06/2017	04.00.00	0.243858
02/06/2017	05.00.00	0.325397
02/06/2017	06.00.00	0.399777
02/06/2017	07.00.00	0.459009
02/06/2017	08.00.00	0.498424
02/06/2017	09.00.00	0.518135
02/06/2017	10.00.00	0.522132
02/06/2017	11.00.00	0.516322
02/06/2017	12.00.00	0.50614
02/06/2017	13.00.00	0.495992
02/06/2017	14.00.00	0.489522
02/06/2017	15.00.00	0.490287
02/06/2017	16.00.00	0.50137
02/06/2017	17.00.00	0.52338
02/06/2017	18.00.00	0.552935
02/06/2017	19.00.00	0.582897
02/06/2017	20.00.00	0.606122
02/06/2017	21.00.00	0.619621
02/06/2017	22.00.00	0.624459
02/06/2017	23.00.00	0.623818
03/06/2017	00.00.00	0.621933
03/06/2017	01.00.00	0.623573
03/06/2017	02.00.00	0.63343
03/06/2017	03.00.00	0.655079
03/06/2017	04.00.00	0.688693
03/06/2017	05.00.00	0.728123
03/06/2017	06.00.00	0.760306
03/06/2017	07.00.00	0.770875



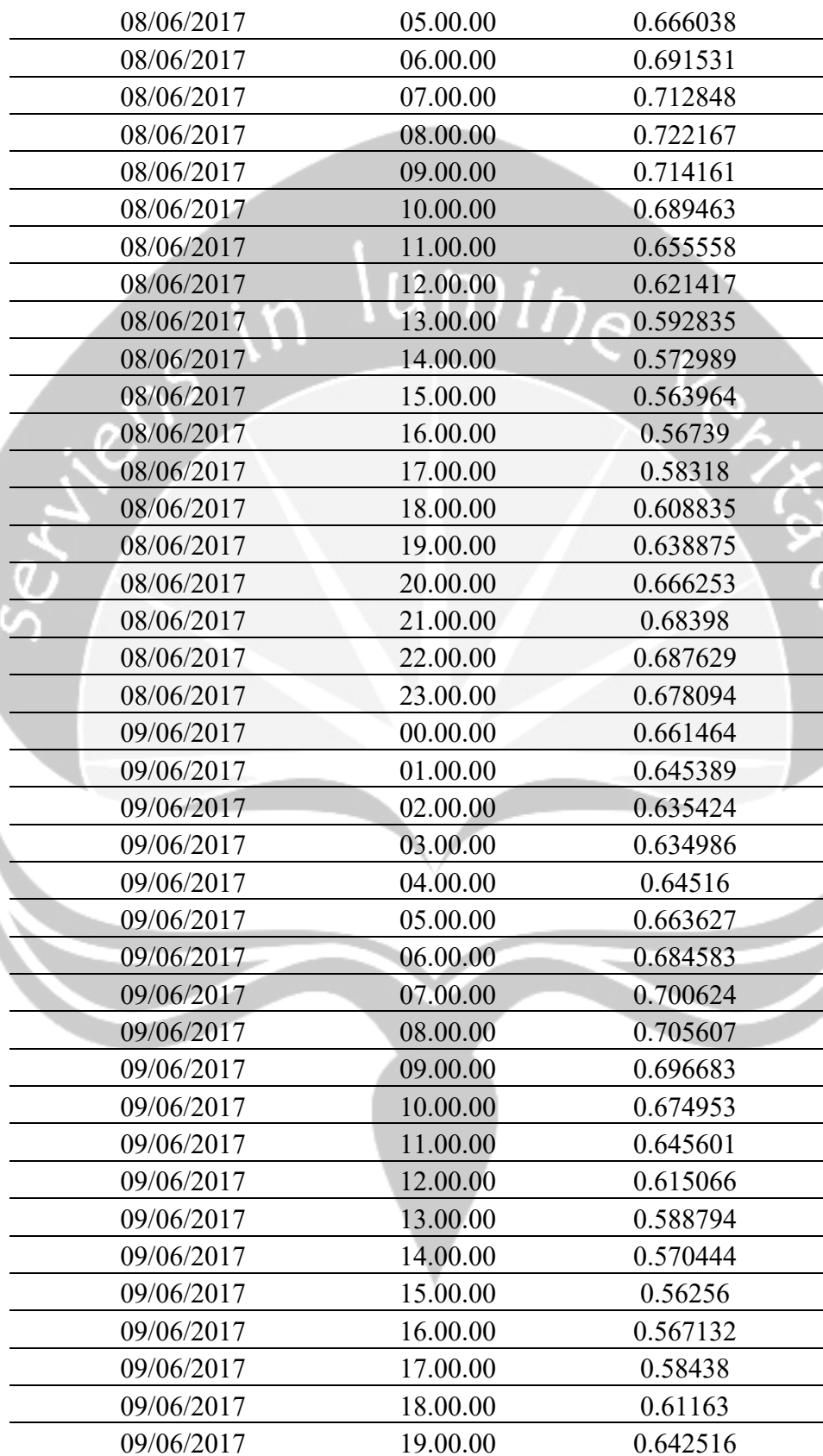
03/06/2017	08.00.00	0.75437
03/06/2017	09.00.00	0.718075
03/06/2017	10.00.00	0.673961
03/06/2017	11.00.00	0.630997
03/06/2017	12.00.00	0.593281
03/06/2017	13.00.00	0.563581
03/06/2017	14.00.00	0.543829
03/06/2017	15.00.00	0.535926
03/06/2017	16.00.00	0.541666
03/06/2017	17.00.00	0.560981
03/06/2017	18.00.00	0.589873
03/06/2017	19.00.00	0.619665
03/06/2017	20.00.00	0.640863
03/06/2017	21.00.00	0.649356
03/06/2017	22.00.00	0.647481
03/06/2017	23.00.00	0.640327
04/06/2017	00.00.00	0.632897
04/06/2017	01.00.00	0.629676
04/06/2017	02.00.00	0.634911
04/06/2017	03.00.00	0.652231
04/06/2017	04.00.00	0.682917
04/06/2017	05.00.00	0.723136
04/06/2017	06.00.00	0.761558
04/06/2017	07.00.00	0.781915
04/06/2017	08.00.00	0.773113
04/06/2017	09.00.00	0.738887
04/06/2017	10.00.00	0.693094
04/06/2017	11.00.00	0.64774
04/06/2017	12.00.00	0.607805
04/06/2017	13.00.00	0.575873
04/06/2017	14.00.00	0.553762
04/06/2017	15.00.00	0.543364
04/06/2017	16.00.00	0.546549
04/06/2017	17.00.00	0.563832
04/06/2017	18.00.00	0.592358
04/06/2017	19.00.00	0.624088
04/06/2017	20.00.00	0.64798
04/06/2017	21.00.00	0.657301
04/06/2017	22.00.00	0.653605



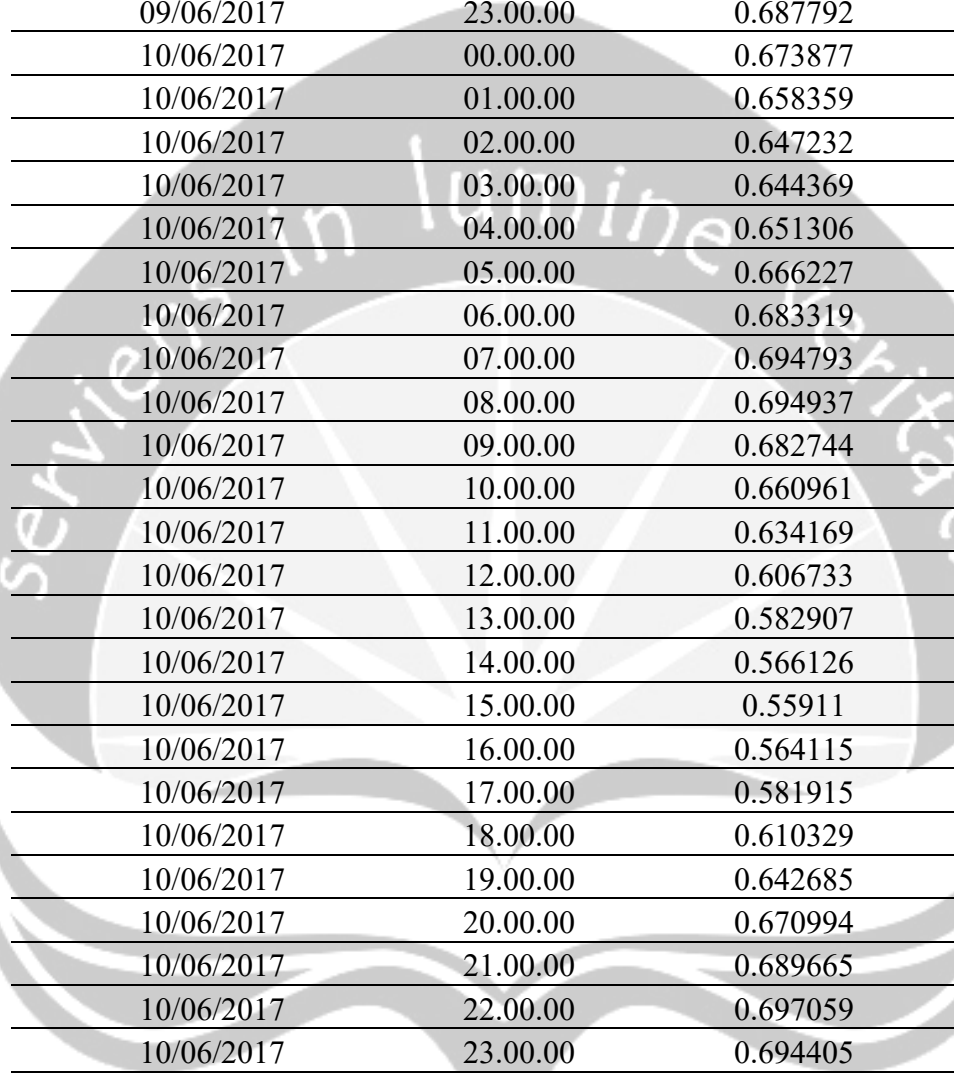
04/06/2017	23.00.00	0.643356
05/06/2017	00.00.00	0.632727
05/06/2017	01.00.00	0.626461
05/06/2017	02.00.00	0.628276
05/06/2017	03.00.00	0.641485
05/06/2017	04.00.00	0.667623
05/06/2017	05.00.00	0.704619
05/06/2017	06.00.00	0.744197
05/06/2017	07.00.00	0.771764
05/06/2017	08.00.00	0.773185
05/06/2017	09.00.00	0.746285
05/06/2017	10.00.00	0.703027
05/06/2017	11.00.00	0.657744
05/06/2017	12.00.00	0.617504
05/06/2017	13.00.00	0.585087
05/06/2017	14.00.00	0.56217
05/06/2017	15.00.00	0.550541
05/06/2017	16.00.00	0.551982
05/06/2017	17.00.00	0.567157
05/06/2017	18.00.00	0.594116
05/06/2017	19.00.00	0.626276
05/06/2017	20.00.00	0.652706
05/06/2017	21.00.00	0.664479
05/06/2017	22.00.00	0.660836
05/06/2017	23.00.00	0.64844
06/06/2017	00.00.00	0.634915
06/06/2017	01.00.00	0.625602
06/06/2017	02.00.00	0.624217
06/06/2017	03.00.00	0.633595
06/06/2017	04.00.00	0.654996
06/06/2017	05.00.00	0.686815
06/06/2017	06.00.00	0.723054
06/06/2017	07.00.00	0.752321
06/06/2017	08.00.00	0.761171
06/06/2017	09.00.00	0.743208
06/06/2017	10.00.00	0.705584
06/06/2017	11.00.00	0.662437
06/06/2017	12.00.00	0.62313
06/06/2017	13.00.00	0.591335



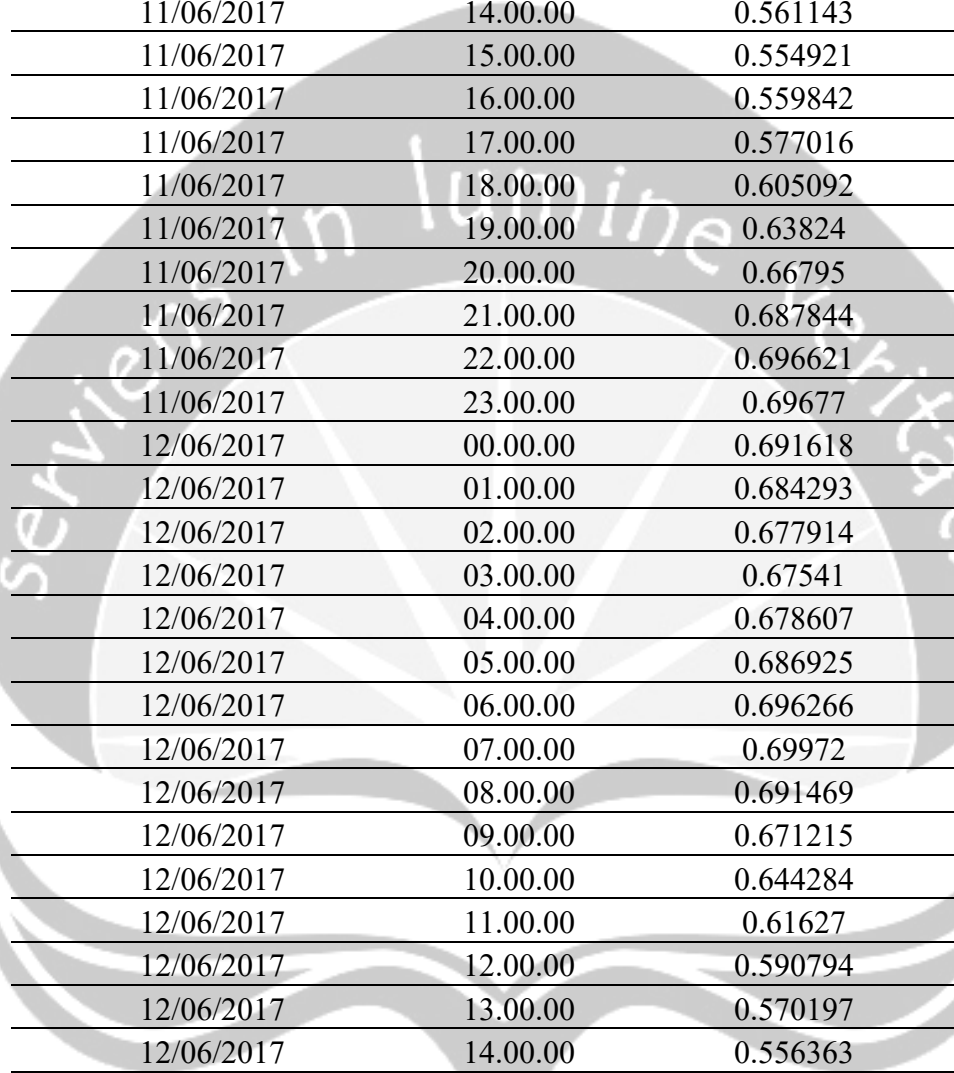
06/06/2017	14.00.00	0.568858
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06/06/2017	16.00.00	0.558435
06/06/2017	17.00.00	0.57251
06/06/2017	18.00.00	0.597914
06/06/2017	19.00.00	0.629301
06/06/2017	20.00.00	0.657078
06/06/2017	21.00.00	0.671677
06/06/2017	22.00.00	0.669771
06/06/2017	23.00.00	0.656579
07/06/2017	00.00.00	0.640653
07/06/2017	01.00.00	0.628408
07/06/2017	02.00.00	0.623896
07/06/2017	03.00.00	0.629795
07/06/2017	04.00.00	0.647028
07/06/2017	05.00.00	0.67366
07/06/2017	06.00.00	0.704534
07/06/2017	07.00.00	0.730937
07/06/2017	08.00.00	0.742222
07/06/2017	09.00.00	0.73126
07/06/2017	10.00.00	0.700667
07/06/2017	11.00.00	0.661615
07/06/2017	12.00.00	0.624385
07/06/2017	13.00.00	0.593932
07/06/2017	14.00.00	0.572633
07/06/2017	15.00.00	0.562231
07/06/2017	16.00.00	0.5642
07/06/2017	17.00.00	0.578599
07/06/2017	18.00.00	0.603451
07/06/2017	19.00.00	0.633803
07/06/2017	20.00.00	0.661652
07/06/2017	21.00.00	0.67836
07/06/2017	22.00.00	0.679202
07/06/2017	23.00.00	0.667026
08/06/2017	00.00.00	0.649833
08/06/2017	01.00.00	0.635101
08/06/2017	02.00.00	0.627631
08/06/2017	03.00.00	0.630237
08/06/2017	04.00.00	0.64382



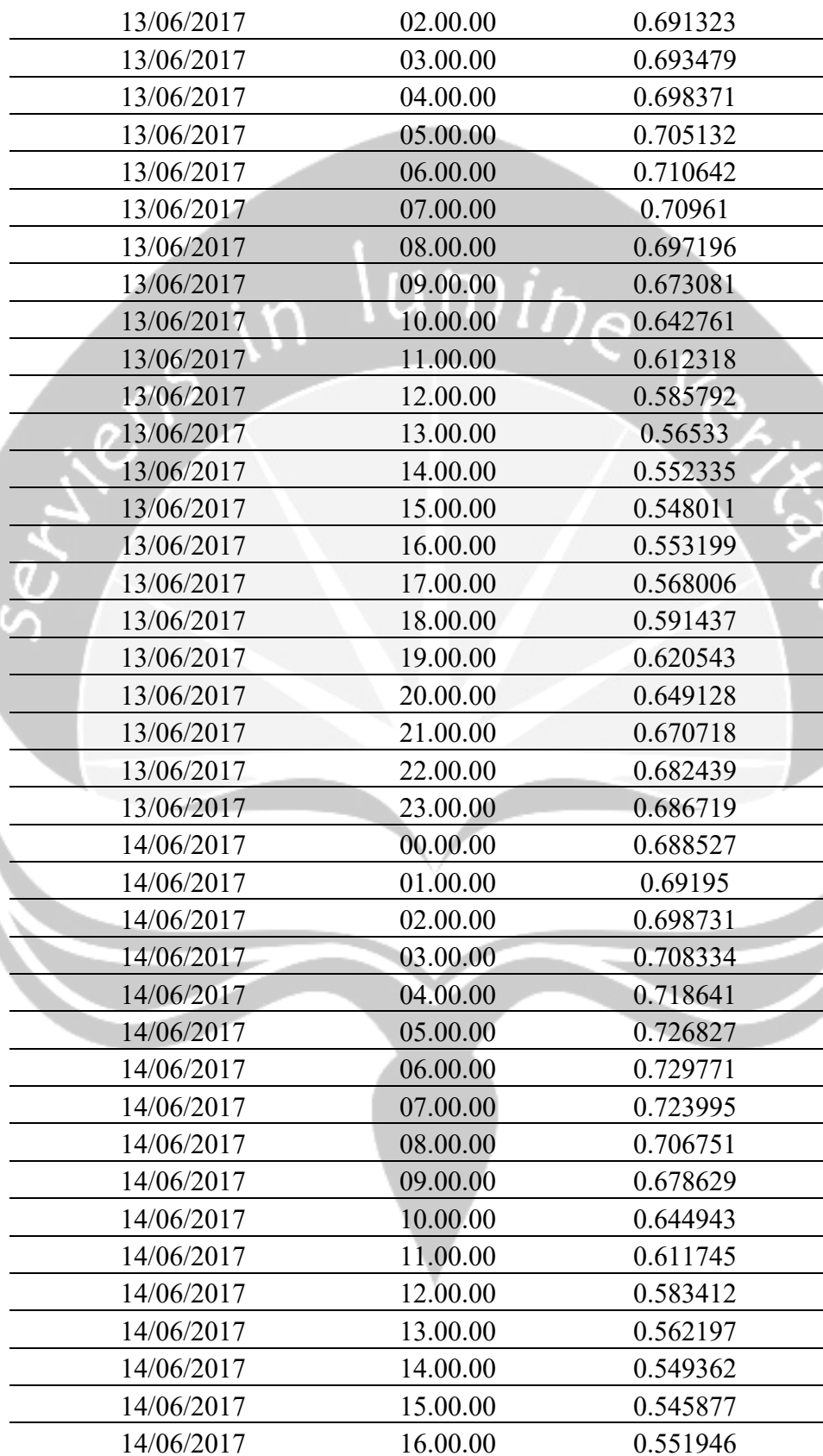
08/06/2017	05.00.00	0.666038
08/06/2017	06.00.00	0.691531
08/06/2017	07.00.00	0.712848
08/06/2017	08.00.00	0.722167
08/06/2017	09.00.00	0.714161
08/06/2017	10.00.00	0.689463
08/06/2017	11.00.00	0.655558
08/06/2017	12.00.00	0.621417
08/06/2017	13.00.00	0.592835
08/06/2017	14.00.00	0.572989
08/06/2017	15.00.00	0.563964
08/06/2017	16.00.00	0.56739
08/06/2017	17.00.00	0.58318
08/06/2017	18.00.00	0.608835
08/06/2017	19.00.00	0.638875
08/06/2017	20.00.00	0.666253
08/06/2017	21.00.00	0.68398
08/06/2017	22.00.00	0.687629
08/06/2017	23.00.00	0.678094
09/06/2017	00.00.00	0.661464
09/06/2017	01.00.00	0.645389
09/06/2017	02.00.00	0.635424
09/06/2017	03.00.00	0.634986
09/06/2017	04.00.00	0.64516
09/06/2017	05.00.00	0.663627
09/06/2017	06.00.00	0.684583
09/06/2017	07.00.00	0.700624
09/06/2017	08.00.00	0.705607
09/06/2017	09.00.00	0.696683
09/06/2017	10.00.00	0.674953
09/06/2017	11.00.00	0.645601
09/06/2017	12.00.00	0.615066
09/06/2017	13.00.00	0.588794
09/06/2017	14.00.00	0.570444
09/06/2017	15.00.00	0.56256
09/06/2017	16.00.00	0.567132
09/06/2017	17.00.00	0.58438
09/06/2017	18.00.00	0.61163
09/06/2017	19.00.00	0.642516



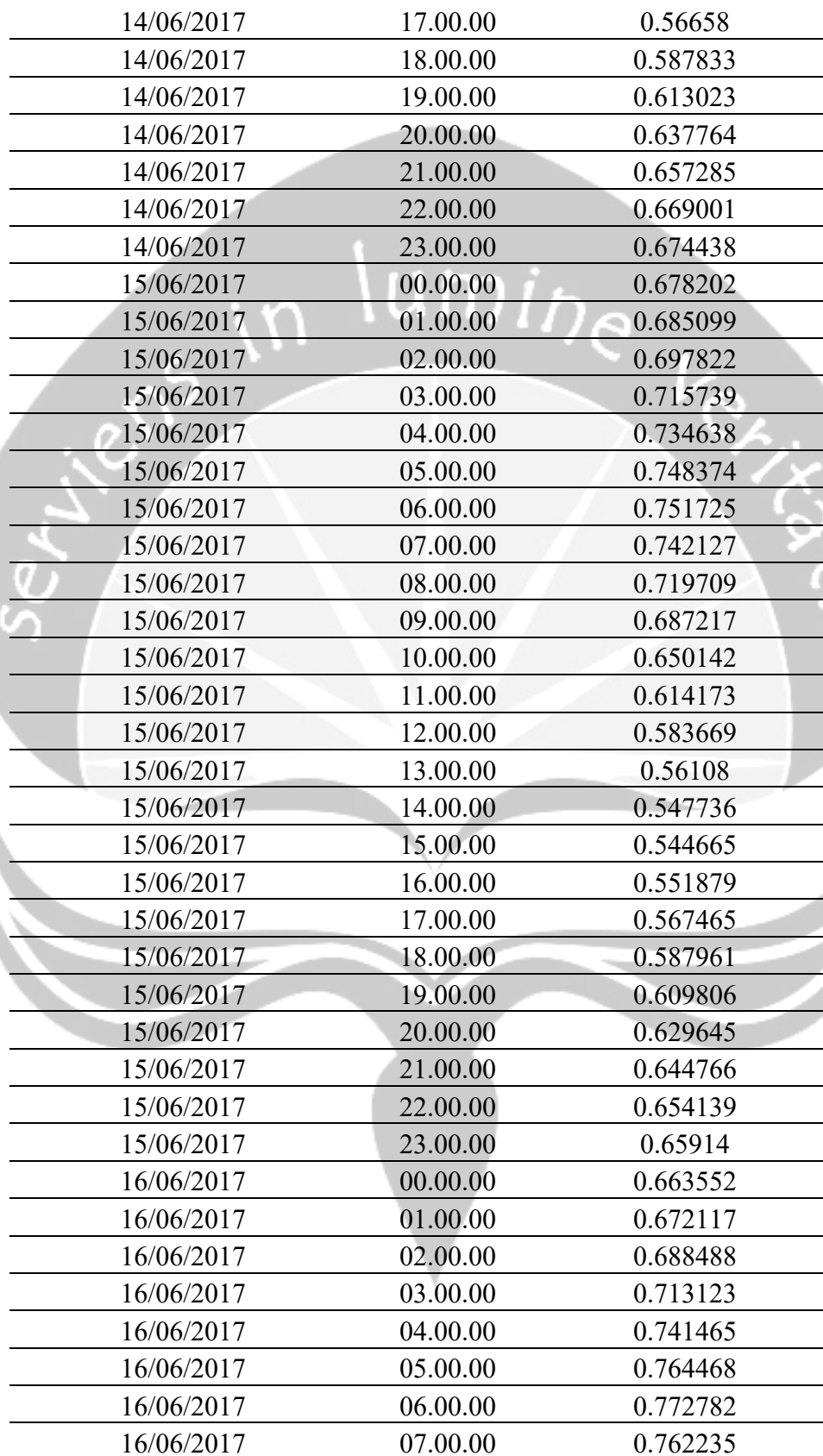
09/06/2017	20.00.00	0.66988
09/06/2017	21.00.00	0.687993
09/06/2017	22.00.00	0.693838
09/06/2017	23.00.00	0.687792
10/06/2017	00.00.00	0.673877
10/06/2017	01.00.00	0.658359
10/06/2017	02.00.00	0.647232
10/06/2017	03.00.00	0.644369
10/06/2017	04.00.00	0.651306
10/06/2017	05.00.00	0.666227
10/06/2017	06.00.00	0.683319
10/06/2017	07.00.00	0.694793
10/06/2017	08.00.00	0.694937
10/06/2017	09.00.00	0.682744
10/06/2017	10.00.00	0.660961
10/06/2017	11.00.00	0.634169
10/06/2017	12.00.00	0.606733
10/06/2017	13.00.00	0.582907
10/06/2017	14.00.00	0.566126
10/06/2017	15.00.00	0.55911
10/06/2017	16.00.00	0.564115
10/06/2017	17.00.00	0.581915
10/06/2017	18.00.00	0.610329
10/06/2017	19.00.00	0.642685
10/06/2017	20.00.00	0.670994
10/06/2017	21.00.00	0.689665
10/06/2017	22.00.00	0.697059
10/06/2017	23.00.00	0.694405
11/06/2017	00.00.00	0.68469
11/06/2017	01.00.00	0.672289
11/06/2017	02.00.00	0.662097
11/06/2017	03.00.00	0.658154
11/06/2017	04.00.00	0.662454
11/06/2017	05.00.00	0.673854
11/06/2017	06.00.00	0.687186
11/06/2017	07.00.00	0.69468
11/06/2017	08.00.00	0.690427
11/06/2017	09.00.00	0.674179
11/06/2017	10.00.00	0.650311



11/06/2017	11.00.00	0.623792
11/06/2017	12.00.00	0.598113
11/06/2017	13.00.00	0.576335
11/06/2017	14.00.00	0.561143
11/06/2017	15.00.00	0.554921
11/06/2017	16.00.00	0.559842
11/06/2017	17.00.00	0.577016
11/06/2017	18.00.00	0.605092
11/06/2017	19.00.00	0.63824
11/06/2017	20.00.00	0.66795
11/06/2017	21.00.00	0.687844
11/06/2017	22.00.00	0.696621
11/06/2017	23.00.00	0.69677
12/06/2017	00.00.00	0.691618
12/06/2017	01.00.00	0.684293
12/06/2017	02.00.00	0.677914
12/06/2017	03.00.00	0.67541
12/06/2017	04.00.00	0.678607
12/06/2017	05.00.00	0.686925
12/06/2017	06.00.00	0.696266
12/06/2017	07.00.00	0.69972
12/06/2017	08.00.00	0.691469
12/06/2017	09.00.00	0.671215
12/06/2017	10.00.00	0.644284
12/06/2017	11.00.00	0.61627
12/06/2017	12.00.00	0.590794
12/06/2017	13.00.00	0.570197
12/06/2017	14.00.00	0.556363
12/06/2017	15.00.00	0.551047
12/06/2017	16.00.00	0.555885
12/06/2017	17.00.00	0.571771
12/06/2017	18.00.00	0.597877
12/06/2017	19.00.00	0.629998
12/06/2017	20.00.00	0.660214
12/06/2017	21.00.00	0.681534
12/06/2017	22.00.00	0.691892
12/06/2017	23.00.00	0.694299
13/06/2017	00.00.00	0.693115
13/06/2017	01.00.00	0.691528

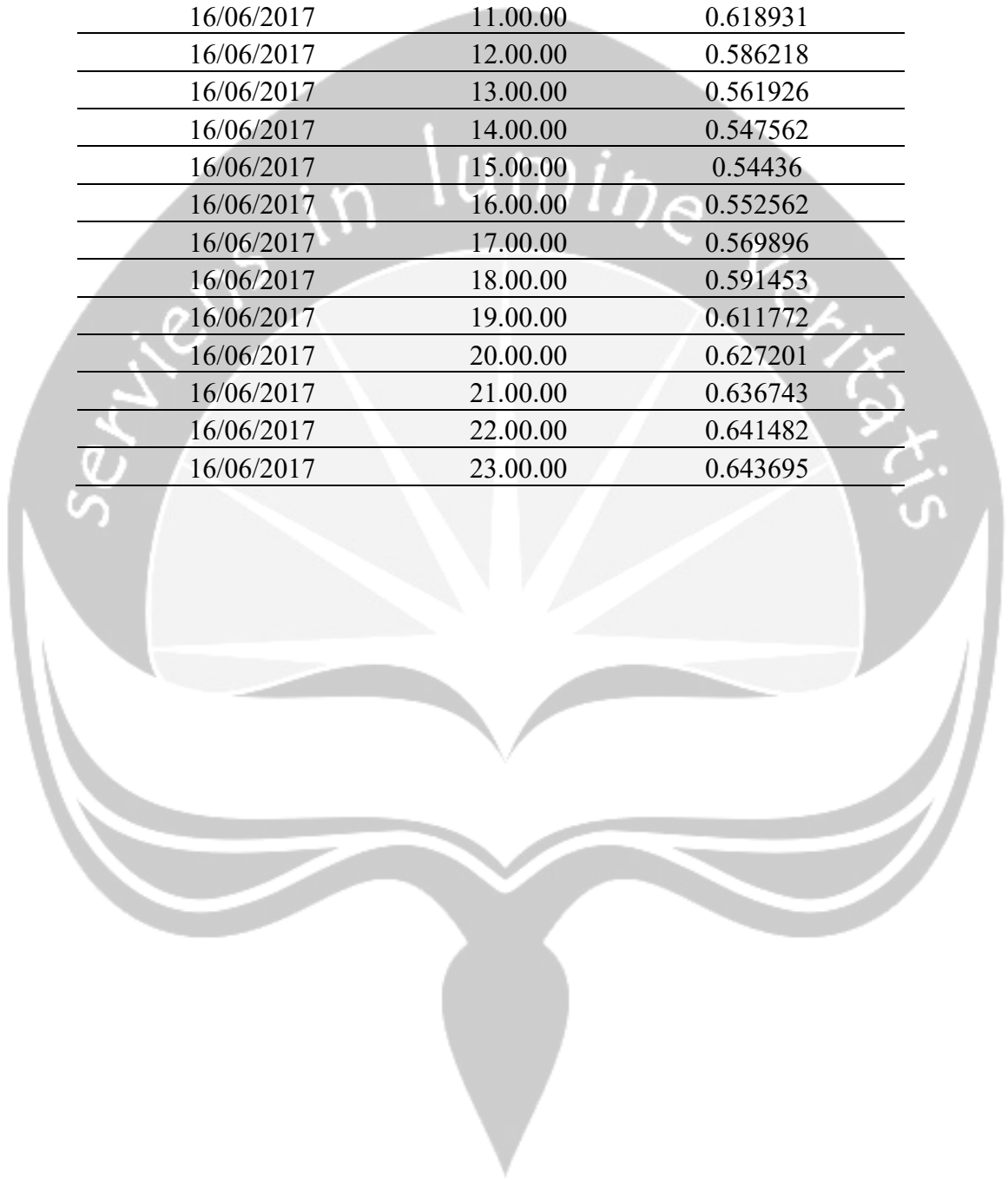


13/06/2017	02.00.00	0.691323
13/06/2017	03.00.00	0.693479
13/06/2017	04.00.00	0.698371
13/06/2017	05.00.00	0.705132
13/06/2017	06.00.00	0.710642
13/06/2017	07.00.00	0.70961
13/06/2017	08.00.00	0.697196
13/06/2017	09.00.00	0.673081
13/06/2017	10.00.00	0.642761
13/06/2017	11.00.00	0.612318
13/06/2017	12.00.00	0.585792
13/06/2017	13.00.00	0.56533
13/06/2017	14.00.00	0.552335
13/06/2017	15.00.00	0.548011
13/06/2017	16.00.00	0.553199
13/06/2017	17.00.00	0.568006
13/06/2017	18.00.00	0.591437
13/06/2017	19.00.00	0.620543
13/06/2017	20.00.00	0.649128
13/06/2017	21.00.00	0.670718
13/06/2017	22.00.00	0.682439
13/06/2017	23.00.00	0.686719
14/06/2017	00.00.00	0.688527
14/06/2017	01.00.00	0.69195
14/06/2017	02.00.00	0.698731
14/06/2017	03.00.00	0.708334
14/06/2017	04.00.00	0.718641
14/06/2017	05.00.00	0.726827
14/06/2017	06.00.00	0.729771
14/06/2017	07.00.00	0.723995
14/06/2017	08.00.00	0.706751
14/06/2017	09.00.00	0.678629
14/06/2017	10.00.00	0.644943
14/06/2017	11.00.00	0.611745
14/06/2017	12.00.00	0.583412
14/06/2017	13.00.00	0.562197
14/06/2017	14.00.00	0.549362
14/06/2017	15.00.00	0.545877
14/06/2017	16.00.00	0.551946



14/06/2017	17.00.00	0.56658
14/06/2017	18.00.00	0.587833
14/06/2017	19.00.00	0.613023
14/06/2017	20.00.00	0.637764
14/06/2017	21.00.00	0.657285
14/06/2017	22.00.00	0.669001
14/06/2017	23.00.00	0.674438
15/06/2017	00.00.00	0.678202
15/06/2017	01.00.00	0.685099
15/06/2017	02.00.00	0.697822
15/06/2017	03.00.00	0.715739
15/06/2017	04.00.00	0.734638
15/06/2017	05.00.00	0.748374
15/06/2017	06.00.00	0.751725
15/06/2017	07.00.00	0.742127
15/06/2017	08.00.00	0.719709
15/06/2017	09.00.00	0.687217
15/06/2017	10.00.00	0.650142
15/06/2017	11.00.00	0.614173
15/06/2017	12.00.00	0.583669
15/06/2017	13.00.00	0.56108
15/06/2017	14.00.00	0.547736
15/06/2017	15.00.00	0.544665
15/06/2017	16.00.00	0.551879
15/06/2017	17.00.00	0.567465
15/06/2017	18.00.00	0.587961
15/06/2017	19.00.00	0.609806
15/06/2017	20.00.00	0.629645
15/06/2017	21.00.00	0.644766
15/06/2017	22.00.00	0.654139
15/06/2017	23.00.00	0.65914
16/06/2017	00.00.00	0.663552
16/06/2017	01.00.00	0.672117
16/06/2017	02.00.00	0.688488
16/06/2017	03.00.00	0.713123
16/06/2017	04.00.00	0.741465
16/06/2017	05.00.00	0.764468
16/06/2017	06.00.00	0.772782
16/06/2017	07.00.00	0.762235

16/06/2017	08.00.00	0.735326
16/06/2017	09.00.00	0.69814
16/06/2017	10.00.00	0.657523
16/06/2017	11.00.00	0.618931
16/06/2017	12.00.00	0.586218
16/06/2017	13.00.00	0.561926
16/06/2017	14.00.00	0.547562
16/06/2017	15.00.00	0.54436
16/06/2017	16.00.00	0.552562
16/06/2017	17.00.00	0.569896
16/06/2017	18.00.00	0.591453
16/06/2017	19.00.00	0.611772
16/06/2017	20.00.00	0.627201
16/06/2017	21.00.00	0.636743
16/06/2017	22.00.00	0.641482
16/06/2017	23.00.00	0.643695



Lampiran 33.

**Report of Temperature
PLTGU Muara Karang CCPP 400-500 MW**

SKENARIO III		Obs 4
Date	Time	Temperature
02/06/2017	00.00.00	0
02/06/2017	01.00.00	1.38E-01
02/06/2017	02.00.00	0.221282
02/06/2017	03.00.00	0.263529
02/06/2017	04.00.00	0.298334
02/06/2017	05.00.00	0.331822
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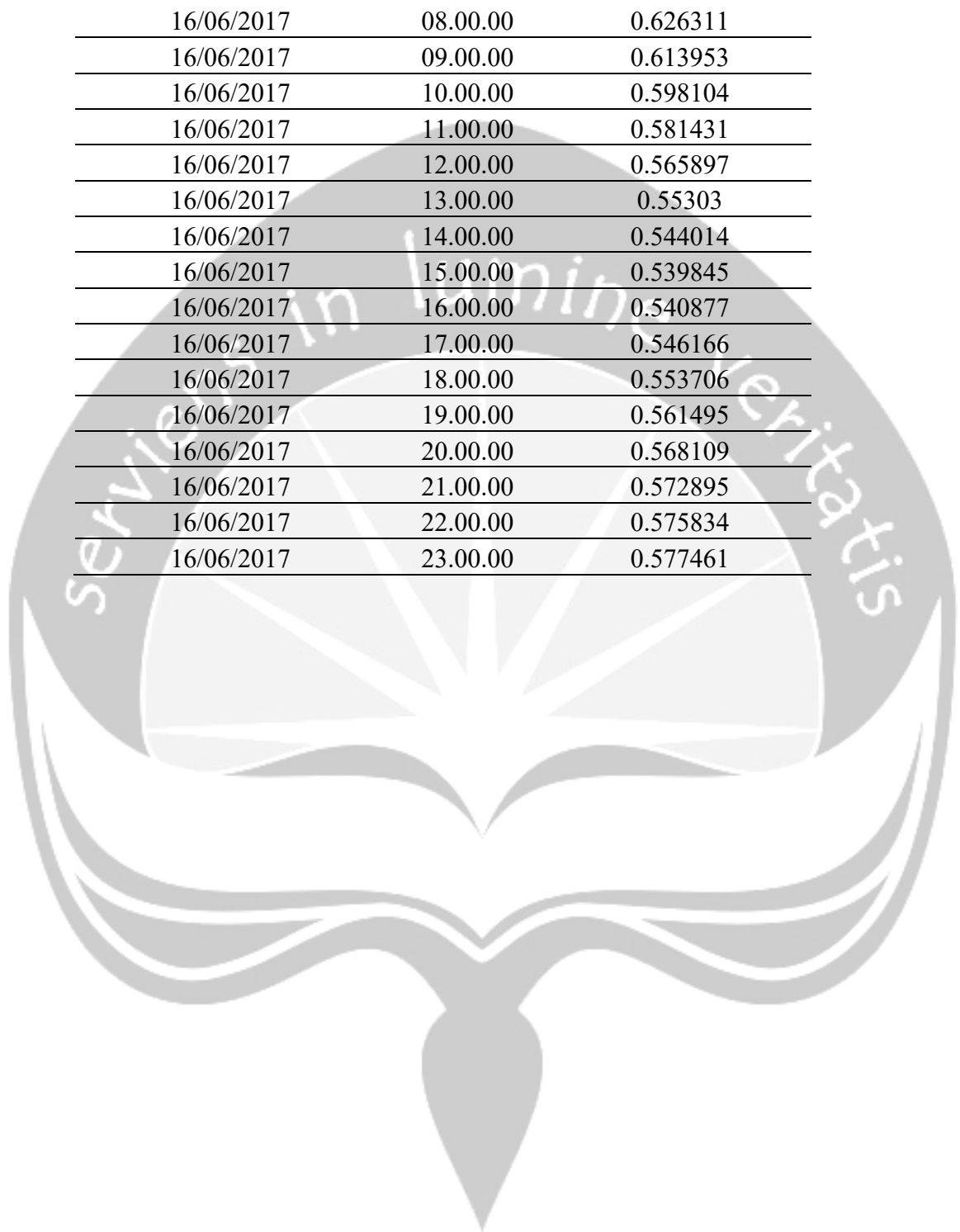


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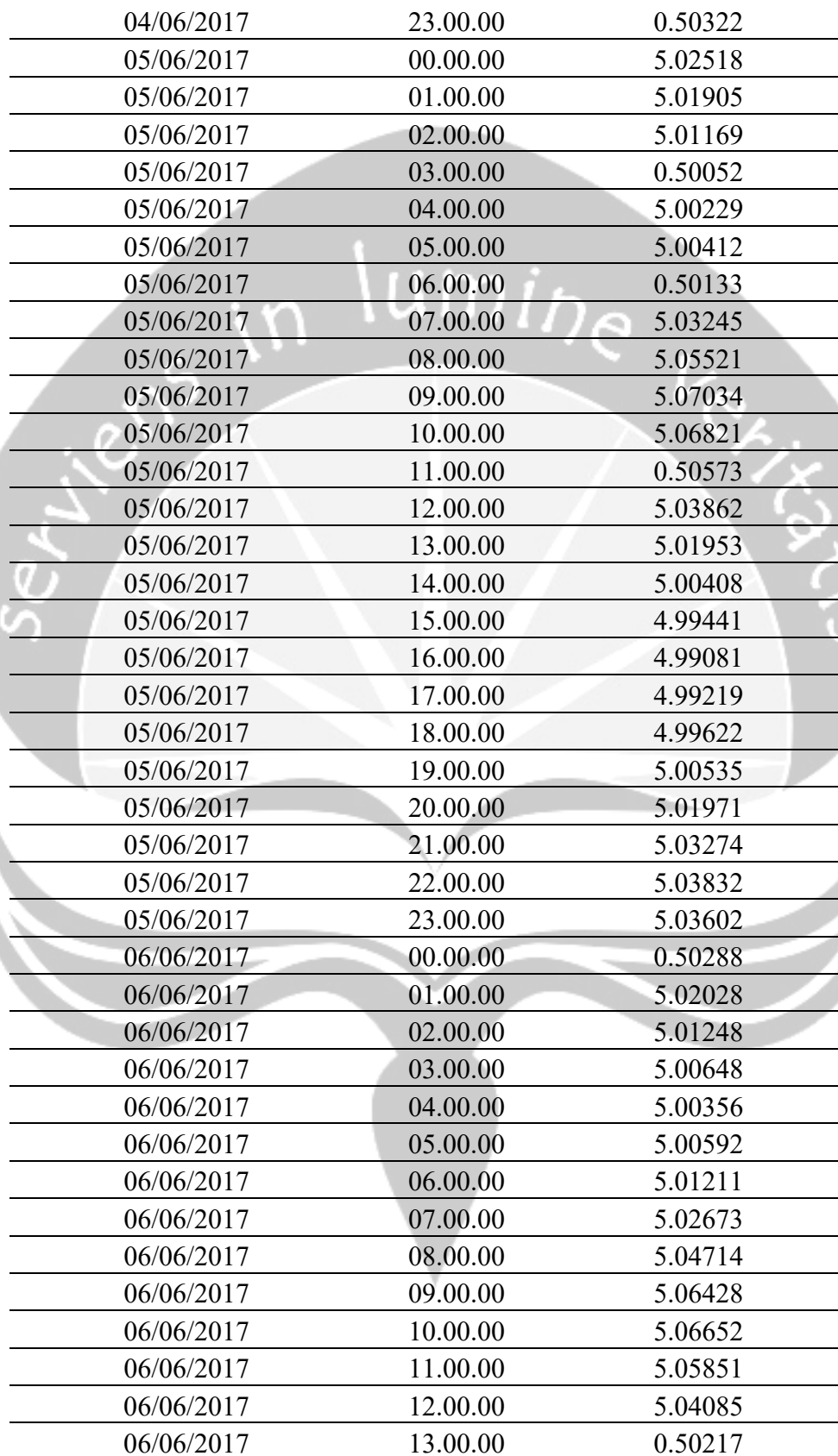
Lampiran 34.

**Report of Temperature
PLTGU Muara Karang CCPP 400-500 MW**

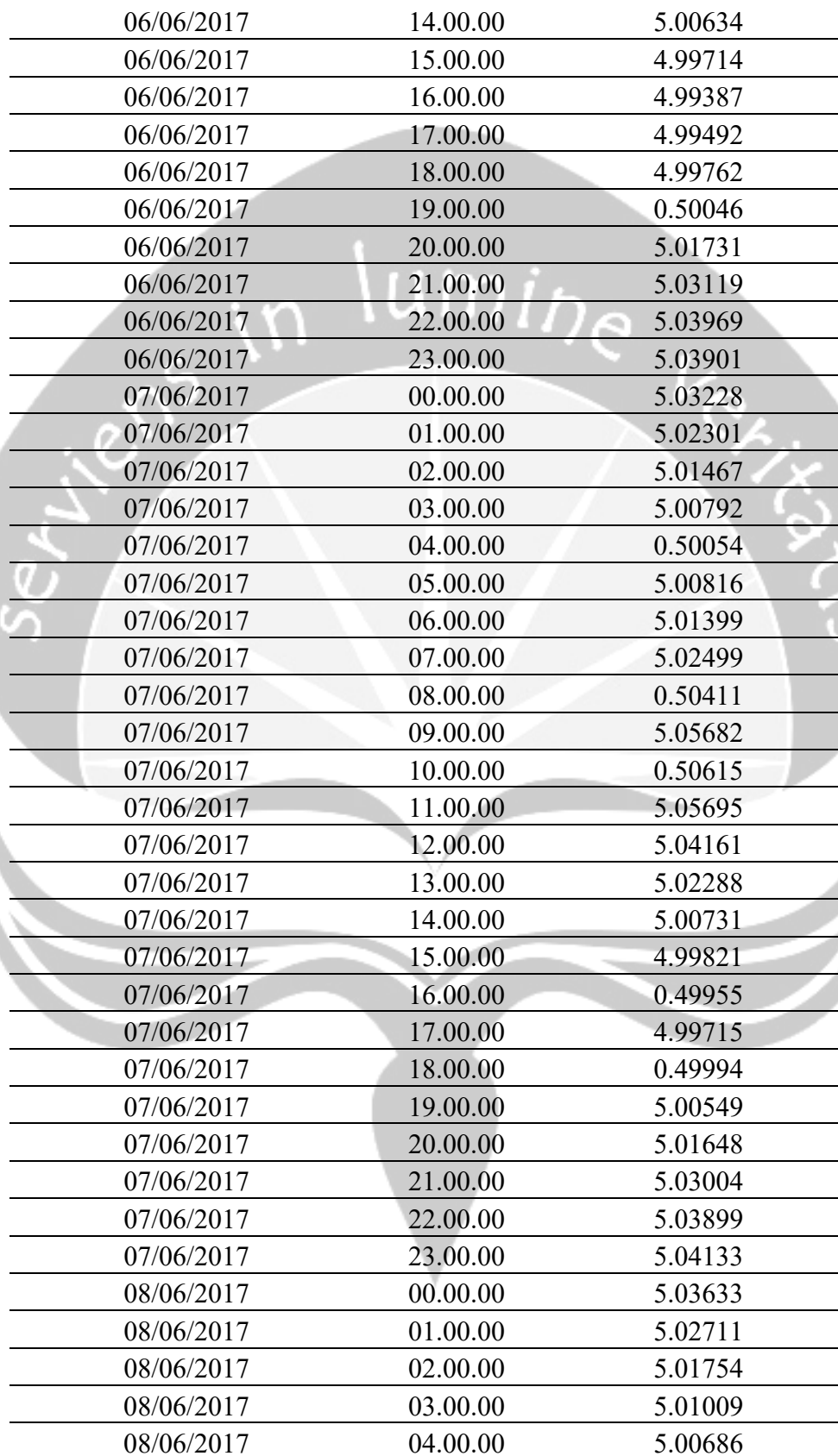
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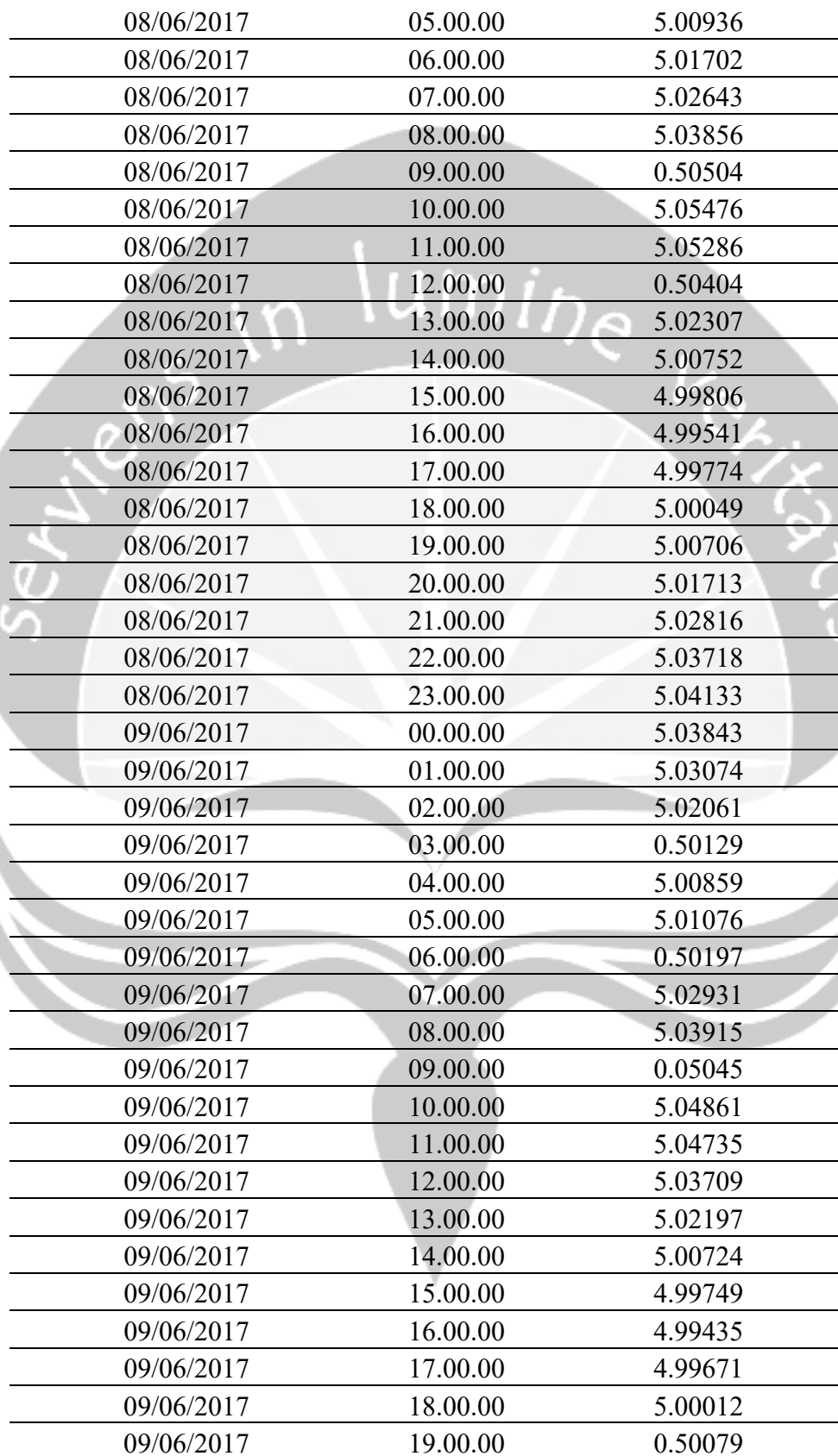
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04/06/2017	16.00.00	0.49876
04/06/2017	17.00.00	4.99045
04/06/2017	18.00.00	4.99634
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04/06/2017	22.00.00	5.03522



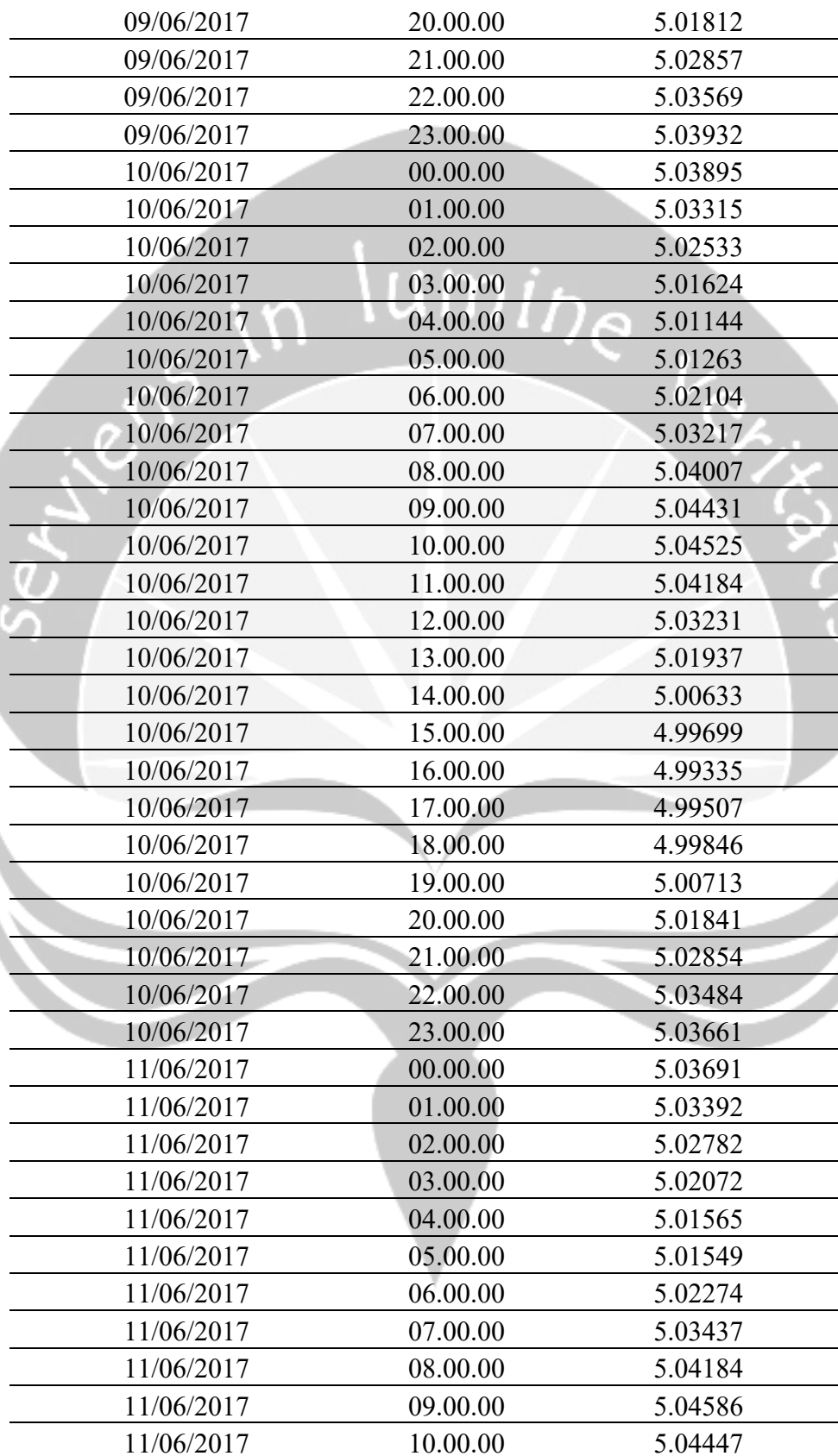
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05/06/2017	03.00.00	0.50052
05/06/2017	04.00.00	5.00229
05/06/2017	05.00.00	5.00412
05/06/2017	06.00.00	0.50133
05/06/2017	07.00.00	5.03245
05/06/2017	08.00.00	5.05521
05/06/2017	09.00.00	5.07034
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05/06/2017	12.00.00	5.03862
05/06/2017	13.00.00	5.01953
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05/06/2017	19.00.00	5.00535
05/06/2017	20.00.00	5.01971
05/06/2017	21.00.00	5.03274
05/06/2017	22.00.00	5.03832
05/06/2017	23.00.00	5.03602
06/06/2017	00.00.00	0.50288
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06/06/2017	02.00.00	5.01248
06/06/2017	03.00.00	5.00648
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06/06/2017	06.00.00	5.01211
06/06/2017	07.00.00	5.02673
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06/06/2017	09.00.00	5.06428
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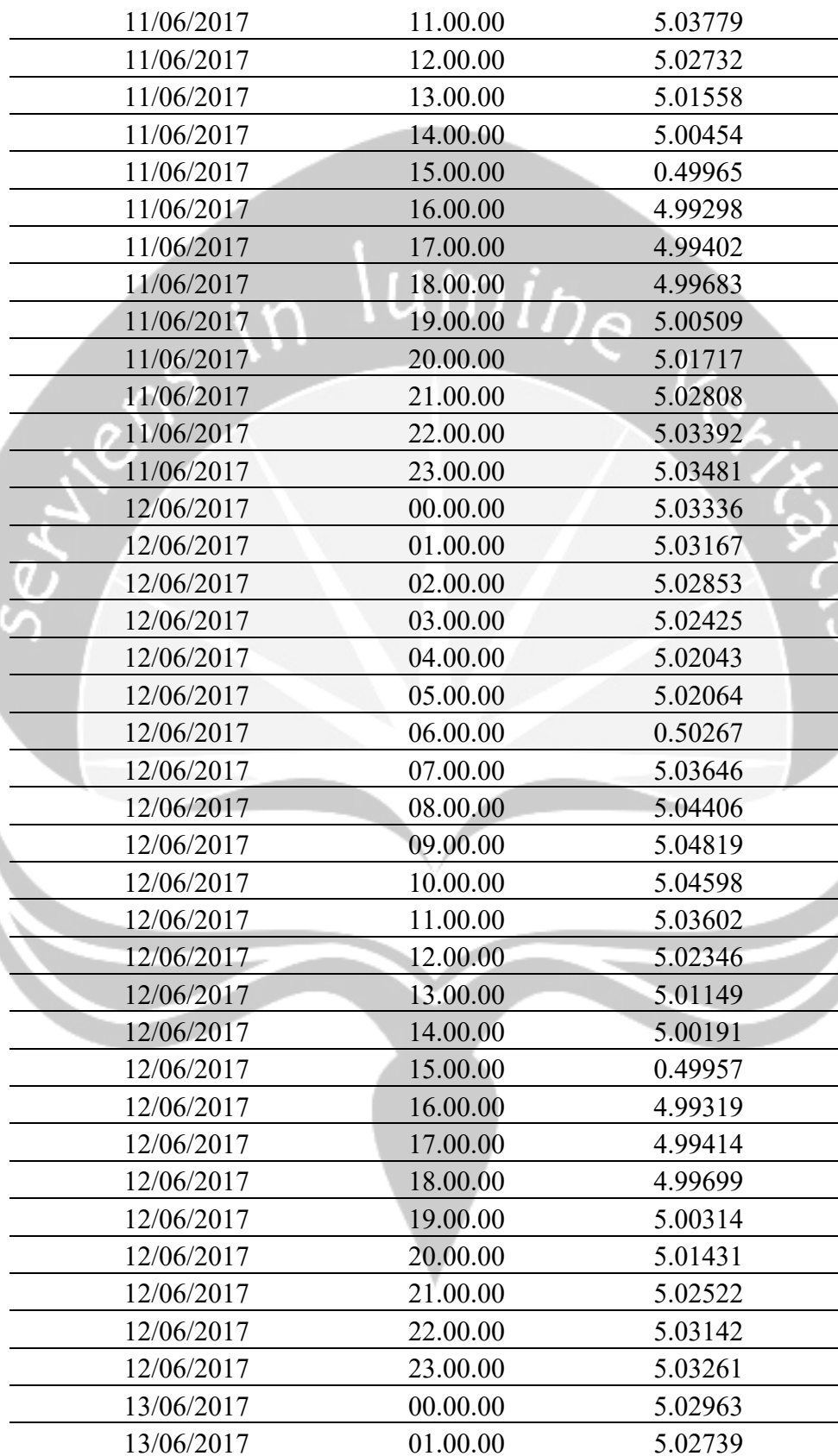
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06/06/2017	20.00.00	5.01731
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06/06/2017	23.00.00	5.03901
07/06/2017	00.00.00	5.03228
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07/06/2017	02.00.00	5.01467
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07/06/2017	04.00.00	0.50054
07/06/2017	05.00.00	5.00816
07/06/2017	06.00.00	5.01399
07/06/2017	07.00.00	5.02499
07/06/2017	08.00.00	0.50411
07/06/2017	09.00.00	5.05682
07/06/2017	10.00.00	0.50615
07/06/2017	11.00.00	5.05695
07/06/2017	12.00.00	5.04161
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07/06/2017	15.00.00	4.99821
07/06/2017	16.00.00	0.49955
07/06/2017	17.00.00	4.99715
07/06/2017	18.00.00	0.49994
07/06/2017	19.00.00	5.00549
07/06/2017	20.00.00	5.01648
07/06/2017	21.00.00	5.03004
07/06/2017	22.00.00	5.03899
07/06/2017	23.00.00	5.04133
08/06/2017	00.00.00	5.03633
08/06/2017	01.00.00	5.02711
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08/06/2017	03.00.00	5.01009
08/06/2017	04.00.00	5.00686



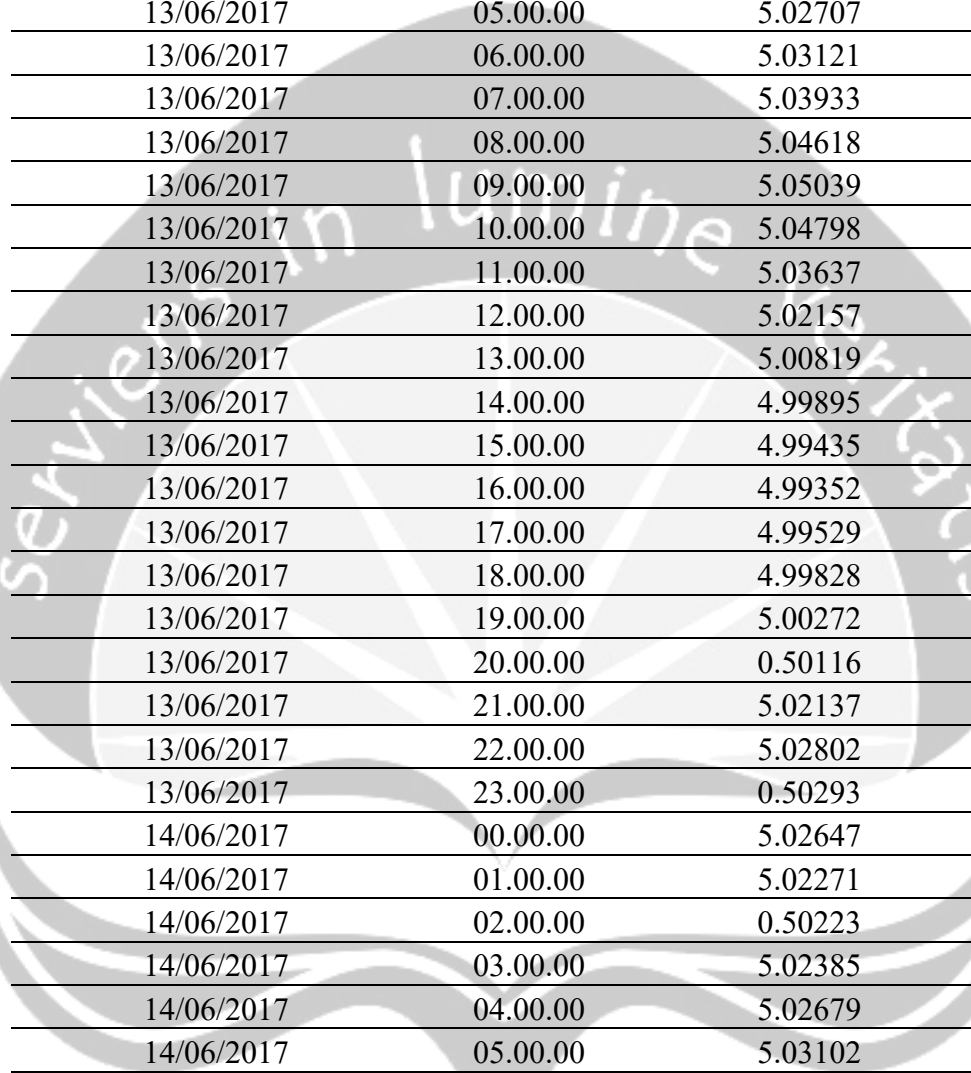
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08/06/2017	09.00.00	0.50504
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08/06/2017	12.00.00	0.50404
08/06/2017	13.00.00	5.02307
08/06/2017	14.00.00	5.00752
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08/06/2017	17.00.00	4.99774
08/06/2017	18.00.00	5.00049
08/06/2017	19.00.00	5.00706
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08/06/2017	21.00.00	5.02816
08/06/2017	22.00.00	5.03718
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09/06/2017	00.00.00	5.03843
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09/06/2017	02.00.00	5.02061
09/06/2017	03.00.00	0.50129
09/06/2017	04.00.00	5.00859
09/06/2017	05.00.00	5.01076
09/06/2017	06.00.00	0.50197
09/06/2017	07.00.00	5.02931
09/06/2017	08.00.00	5.03915
09/06/2017	09.00.00	0.05045
09/06/2017	10.00.00	5.04861
09/06/2017	11.00.00	5.04735
09/06/2017	12.00.00	5.03709
09/06/2017	13.00.00	5.02197
09/06/2017	14.00.00	5.00724
09/06/2017	15.00.00	4.99749
09/06/2017	16.00.00	4.99435
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09/06/2017	19.00.00	0.50079



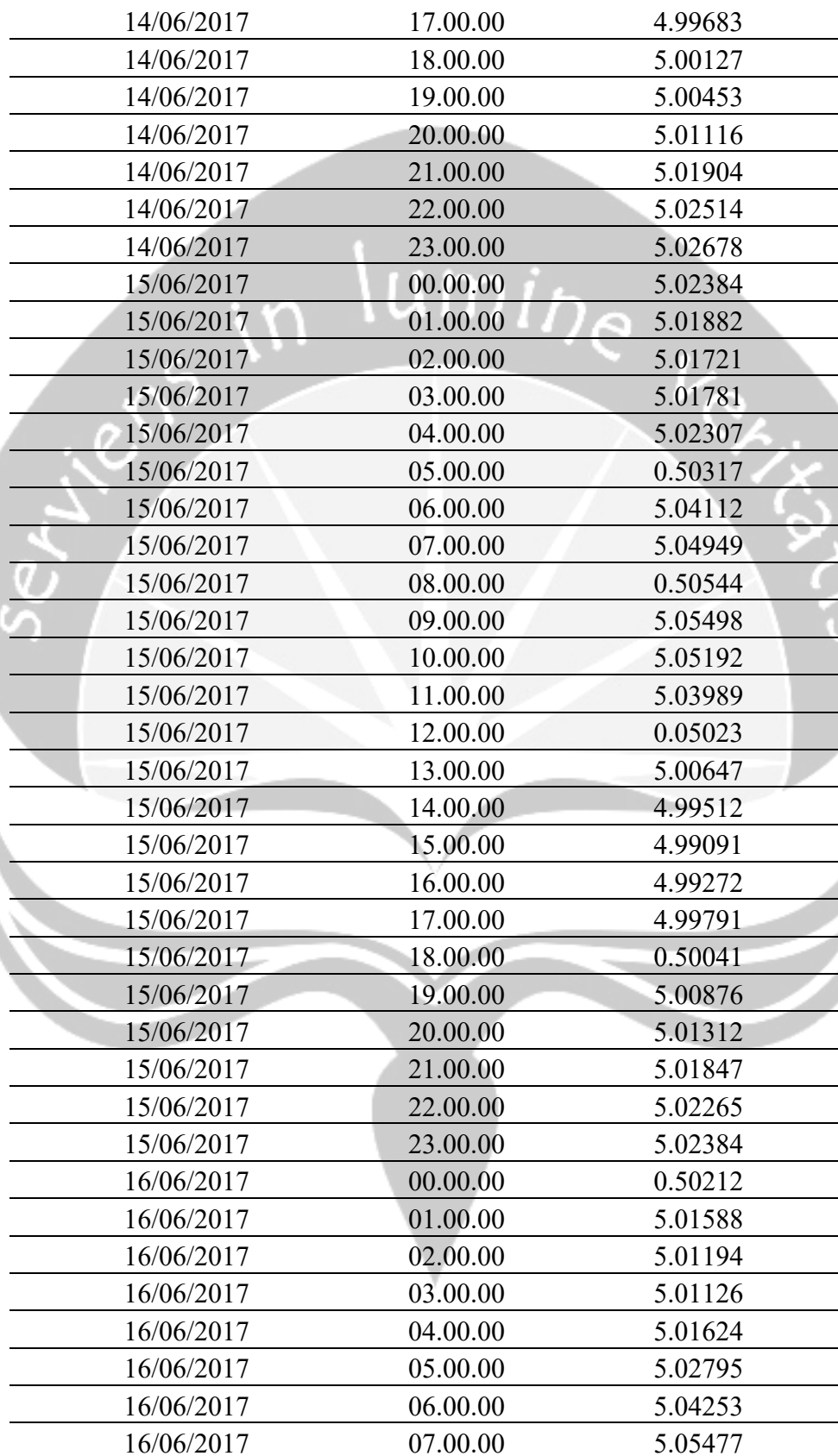
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10/06/2017	00.00.00	5.03895
10/06/2017	01.00.00	5.03315
10/06/2017	02.00.00	5.02533
10/06/2017	03.00.00	5.01624
10/06/2017	04.00.00	5.01144
10/06/2017	05.00.00	5.01263
10/06/2017	06.00.00	5.02104
10/06/2017	07.00.00	5.03217
10/06/2017	08.00.00	5.04007
10/06/2017	09.00.00	5.04431
10/06/2017	10.00.00	5.04525
10/06/2017	11.00.00	5.04184
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10/06/2017	15.00.00	4.99699
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10/06/2017	17.00.00	4.99507
10/06/2017	18.00.00	4.99846
10/06/2017	19.00.00	5.00713
10/06/2017	20.00.00	5.01841
10/06/2017	21.00.00	5.02854
10/06/2017	22.00.00	5.03484
10/06/2017	23.00.00	5.03661
11/06/2017	00.00.00	5.03691
11/06/2017	01.00.00	5.03392
11/06/2017	02.00.00	5.02782
11/06/2017	03.00.00	5.02072
11/06/2017	04.00.00	5.01565
11/06/2017	05.00.00	5.01549
11/06/2017	06.00.00	5.02274
11/06/2017	07.00.00	5.03437
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11/06/2017	10.00.00	5.04447



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11/06/2017	17.00.00	4.99402
11/06/2017	18.00.00	4.99683
11/06/2017	19.00.00	5.00509
11/06/2017	20.00.00	5.01717
11/06/2017	21.00.00	5.02808
11/06/2017	22.00.00	5.03392
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12/06/2017	00.00.00	5.03336
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12/06/2017	02.00.00	5.02853
12/06/2017	03.00.00	5.02425
12/06/2017	04.00.00	5.02043
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12/06/2017	06.00.00	0.50267
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12/06/2017	09.00.00	5.04819
12/06/2017	10.00.00	5.04598
12/06/2017	11.00.00	5.03602
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12/06/2017	18.00.00	4.99699
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12/06/2017	20.00.00	5.01431
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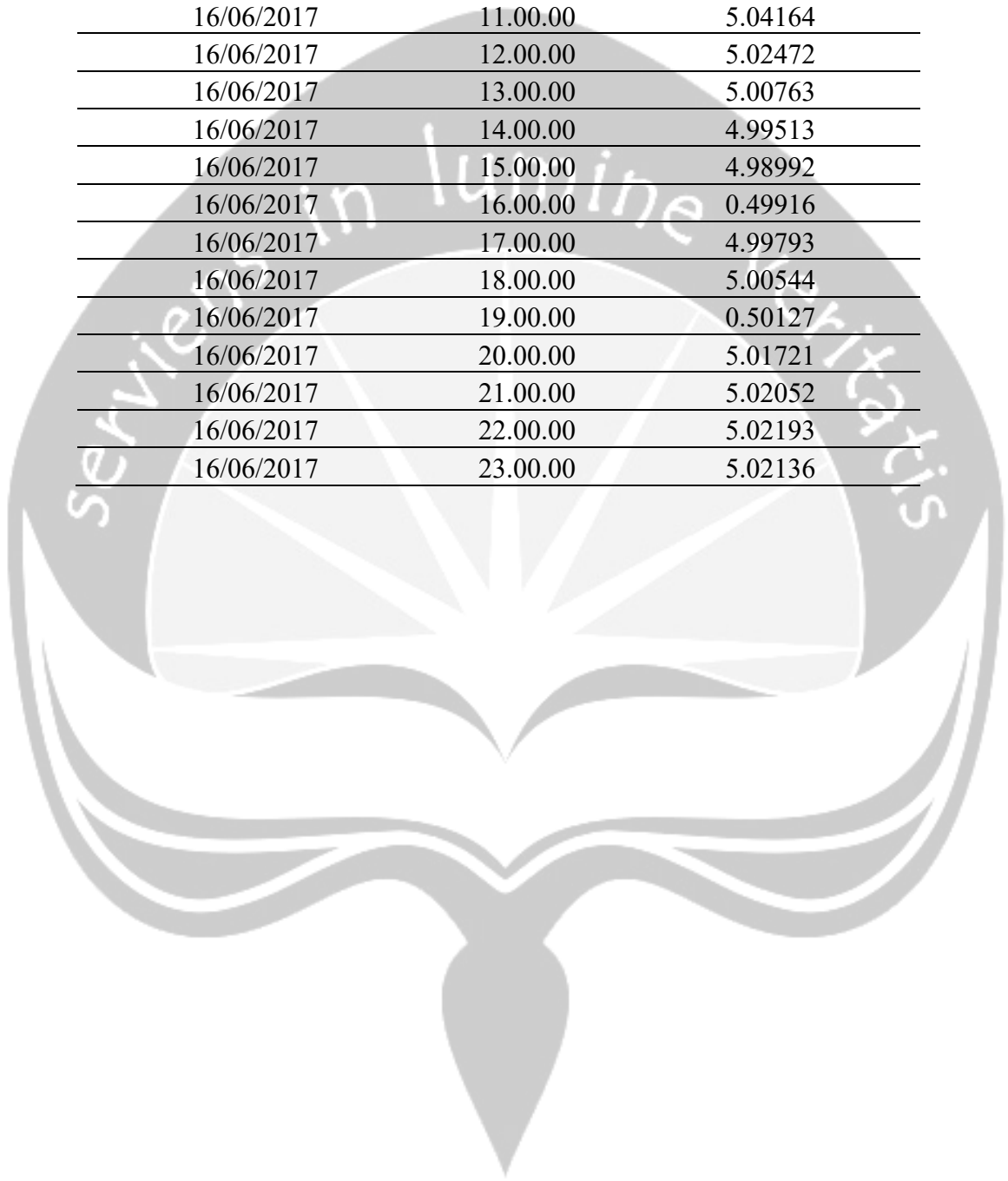


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13/06/2017	08.00.00	5.04618
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13/06/2017	12.00.00	5.02157
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13/06/2017	14.00.00	4.99895
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13/06/2017	16.00.00	4.99352
13/06/2017	17.00.00	4.99529
13/06/2017	18.00.00	4.99828
13/06/2017	19.00.00	5.00272
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14/06/2017	01.00.00	5.02271
14/06/2017	02.00.00	0.50223
14/06/2017	03.00.00	5.02385
14/06/2017	04.00.00	5.02679
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14/06/2017	07.00.00	5.04378
14/06/2017	08.00.00	5.04919
14/06/2017	09.00.00	0.50524
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14/06/2017	11.00.00	5.03799
14/06/2017	12.00.00	5.02164
14/06/2017	13.00.00	5.00648
14/06/2017	14.00.00	4.99645
14/06/2017	15.00.00	4.99258
14/06/2017	16.00.00	4.99344



14/06/2017	17.00.00	4.99683
14/06/2017	18.00.00	5.00127
14/06/2017	19.00.00	5.00453
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14/06/2017	22.00.00	5.02514
14/06/2017	23.00.00	5.02678
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15/06/2017	03.00.00	5.01781
15/06/2017	04.00.00	5.02307
15/06/2017	05.00.00	0.50317
15/06/2017	06.00.00	5.04112
15/06/2017	07.00.00	5.04949
15/06/2017	08.00.00	0.50544
15/06/2017	09.00.00	5.05498
15/06/2017	10.00.00	5.05192
15/06/2017	11.00.00	5.03989
15/06/2017	12.00.00	0.05023
15/06/2017	13.00.00	5.00647
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15/06/2017	20.00.00	5.01312
15/06/2017	21.00.00	5.01847
15/06/2017	22.00.00	5.02265
15/06/2017	23.00.00	5.02384
16/06/2017	00.00.00	0.50212
16/06/2017	01.00.00	5.01588
16/06/2017	02.00.00	5.01194
16/06/2017	03.00.00	5.01126
16/06/2017	04.00.00	5.01624
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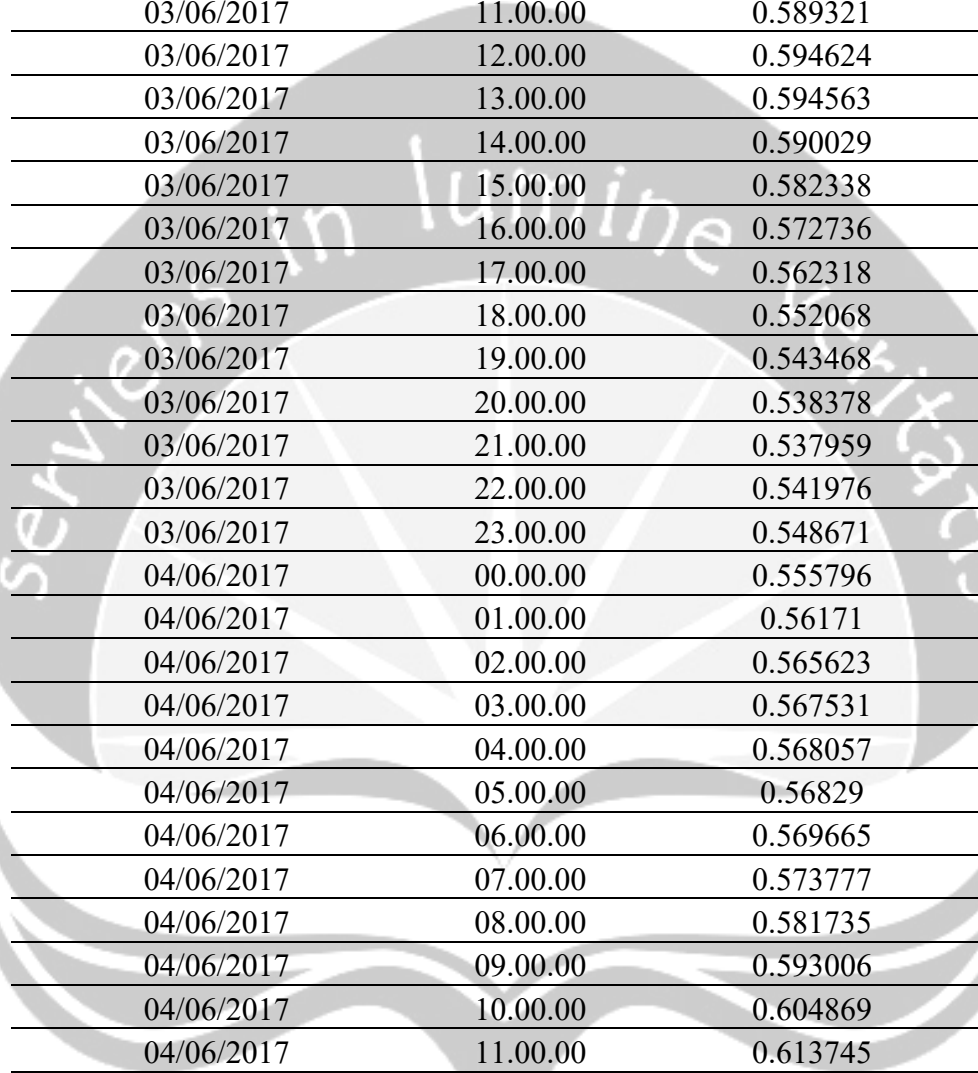
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16/06/2017	11.00.00	5.04164
16/06/2017	12.00.00	5.02472
16/06/2017	13.00.00	5.00763
16/06/2017	14.00.00	4.99513
16/06/2017	15.00.00	4.98992
16/06/2017	16.00.00	0.49916
16/06/2017	17.00.00	4.99793
16/06/2017	18.00.00	5.00544
16/06/2017	19.00.00	0.50127
16/06/2017	20.00.00	5.01721
16/06/2017	21.00.00	5.02052
16/06/2017	22.00.00	5.02193
16/06/2017	23.00.00	5.02136



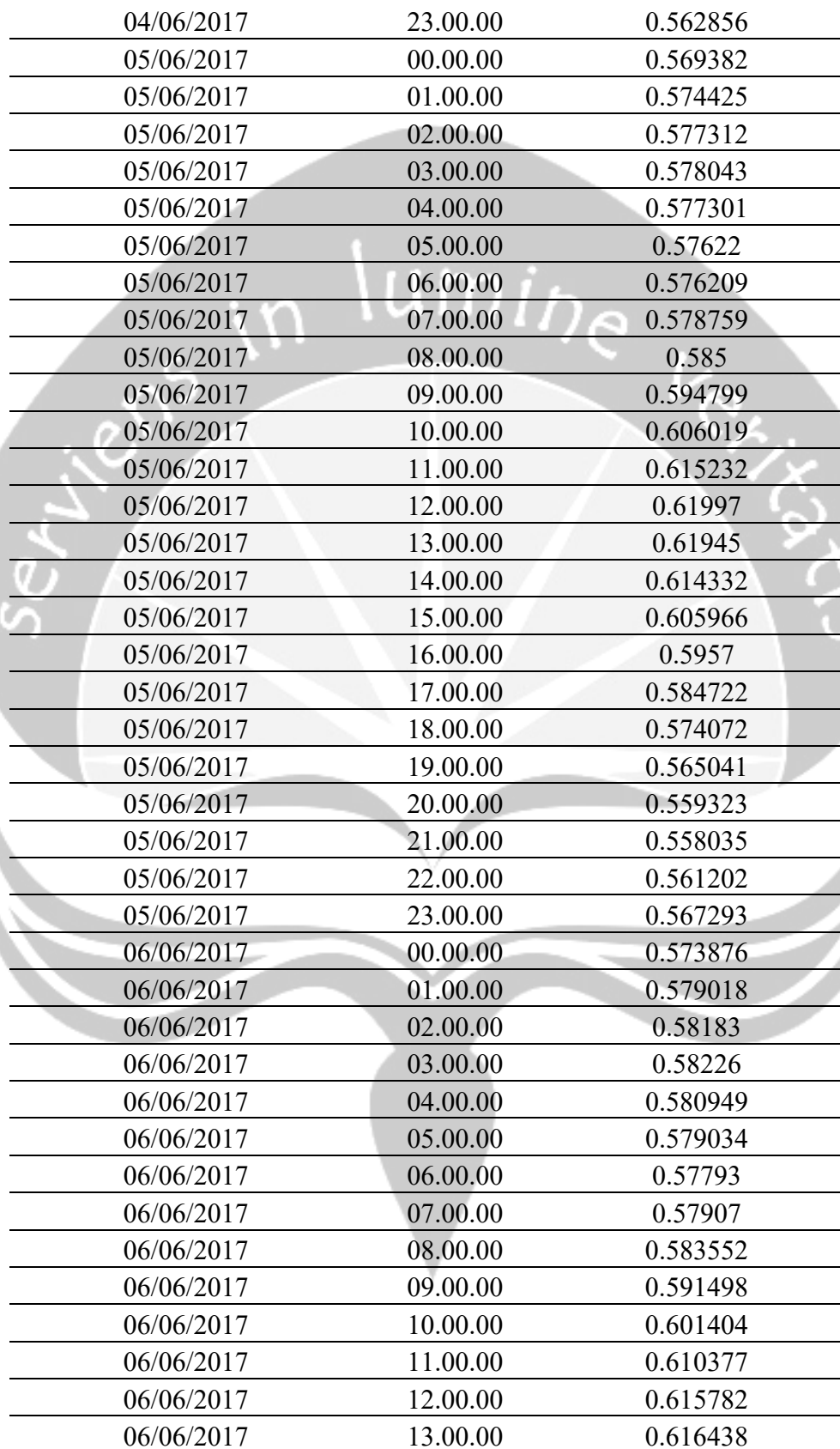
Lampiran 35.

**Report of Temperature
PLTGU Muara Karang CCPP 400-500 MW**

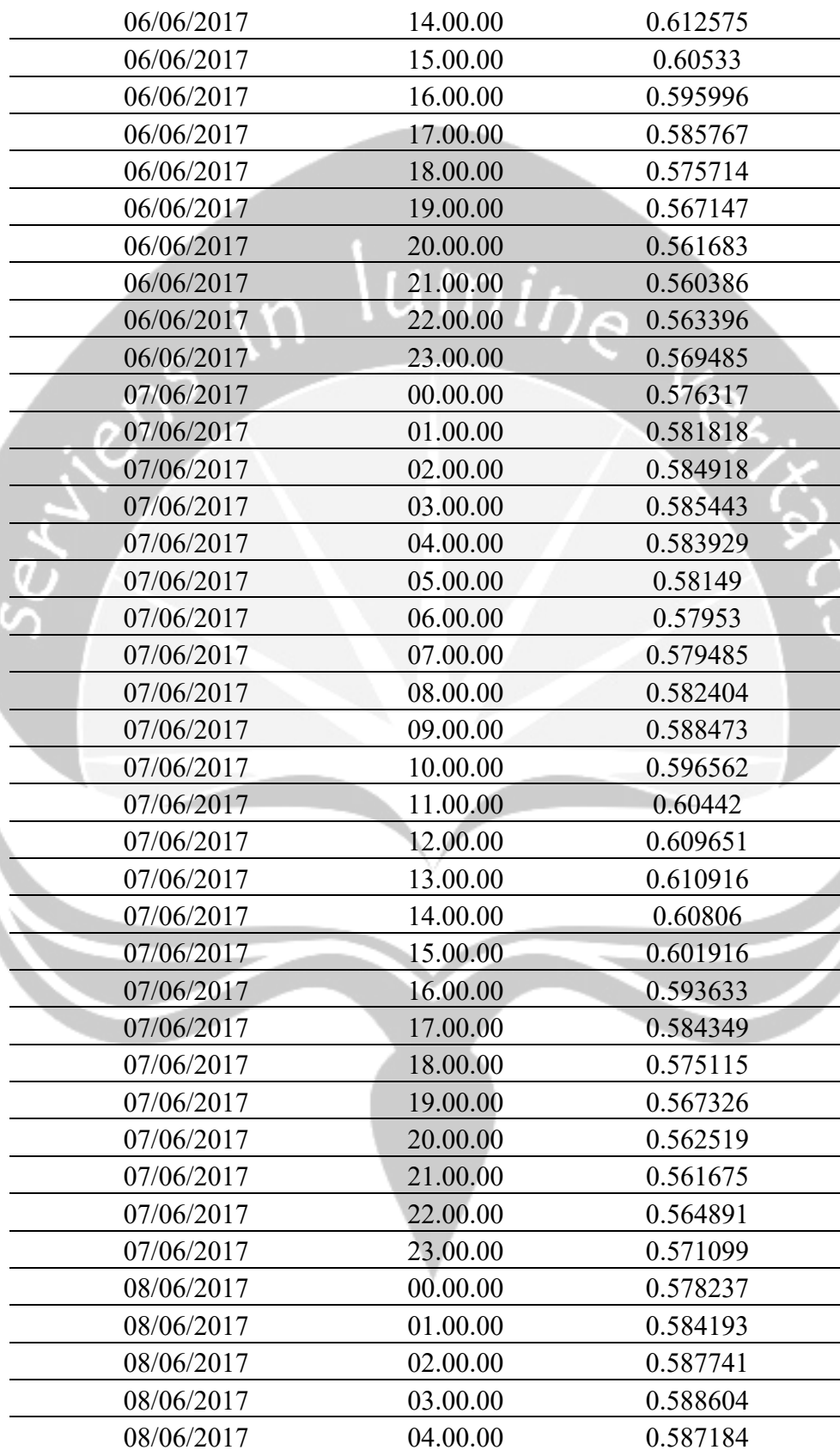
SKENARIO III		Obs 6
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02/06/2017	03.00.00	0.00877902
02/06/2017	04.00.00	0.0431772
02/06/2017	05.00.00	0.100068
02/06/2017	06.00.00	0.162147
02/06/2017	07.00.00	0.21824
02/06/2017	08.00.00	0.266385
02/06/2017	09.00.00	0.308988
02/06/2017	10.00.00	0.347455
02/06/2017	11.00.00	0.381315
02/06/2017	12.00.00	0.409938
02/06/2017	13.00.00	0.432404
02/06/2017	14.00.00	0.448598
02/06/2017	15.00.00	0.459051
02/06/2017	16.00.00	0.464621
02/06/2017	17.00.00	0.466303
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02/06/2017	21.00.00	0.466595
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03/06/2017	01.00.00	0.508357
03/06/2017	02.00.00	0.517281
03/06/2017	03.00.00	0.523814
03/06/2017	04.00.00	0.528376
03/06/2017	05.00.00	0.531868
03/06/2017	06.00.00	0.53582
03/06/2017	07.00.00	0.542125



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03/06/2017	19.00.00	0.543468
03/06/2017	20.00.00	0.538378
03/06/2017	21.00.00	0.537959
03/06/2017	22.00.00	0.541976
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04/06/2017	00.00.00	0.555796
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04/06/2017	12.00.00	0.617639
04/06/2017	13.00.00	0.616161
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04/06/2017	15.00.00	0.601282
04/06/2017	16.00.00	0.590614
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04/06/2017	22.00.00	0.556656



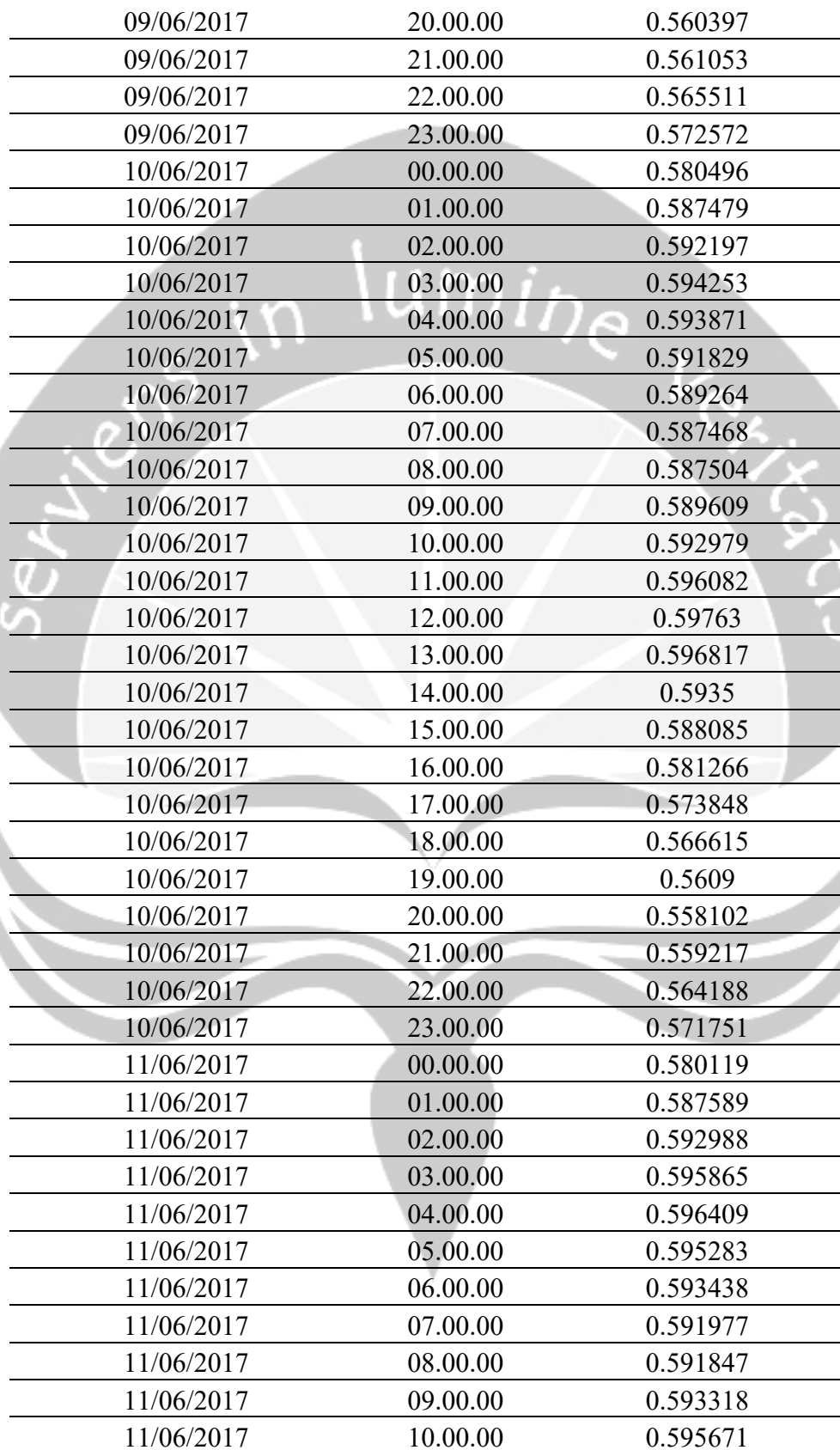
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05/06/2017	06.00.00	0.576209
05/06/2017	07.00.00	0.578759
05/06/2017	08.00.00	0.585
05/06/2017	09.00.00	0.594799
05/06/2017	10.00.00	0.606019
05/06/2017	11.00.00	0.615232
05/06/2017	12.00.00	0.61997
05/06/2017	13.00.00	0.61945
05/06/2017	14.00.00	0.614332
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05/06/2017	16.00.00	0.5957
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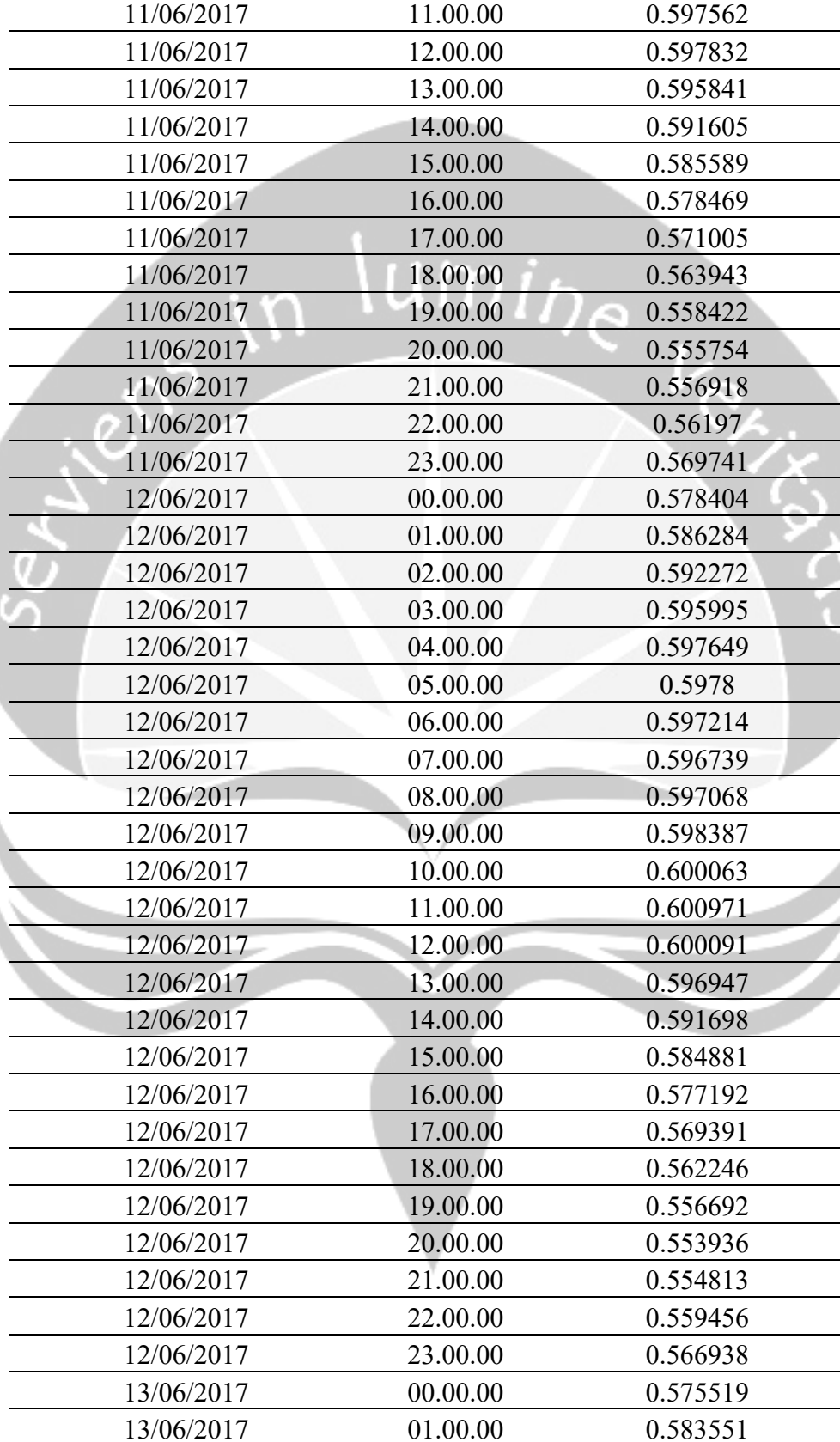
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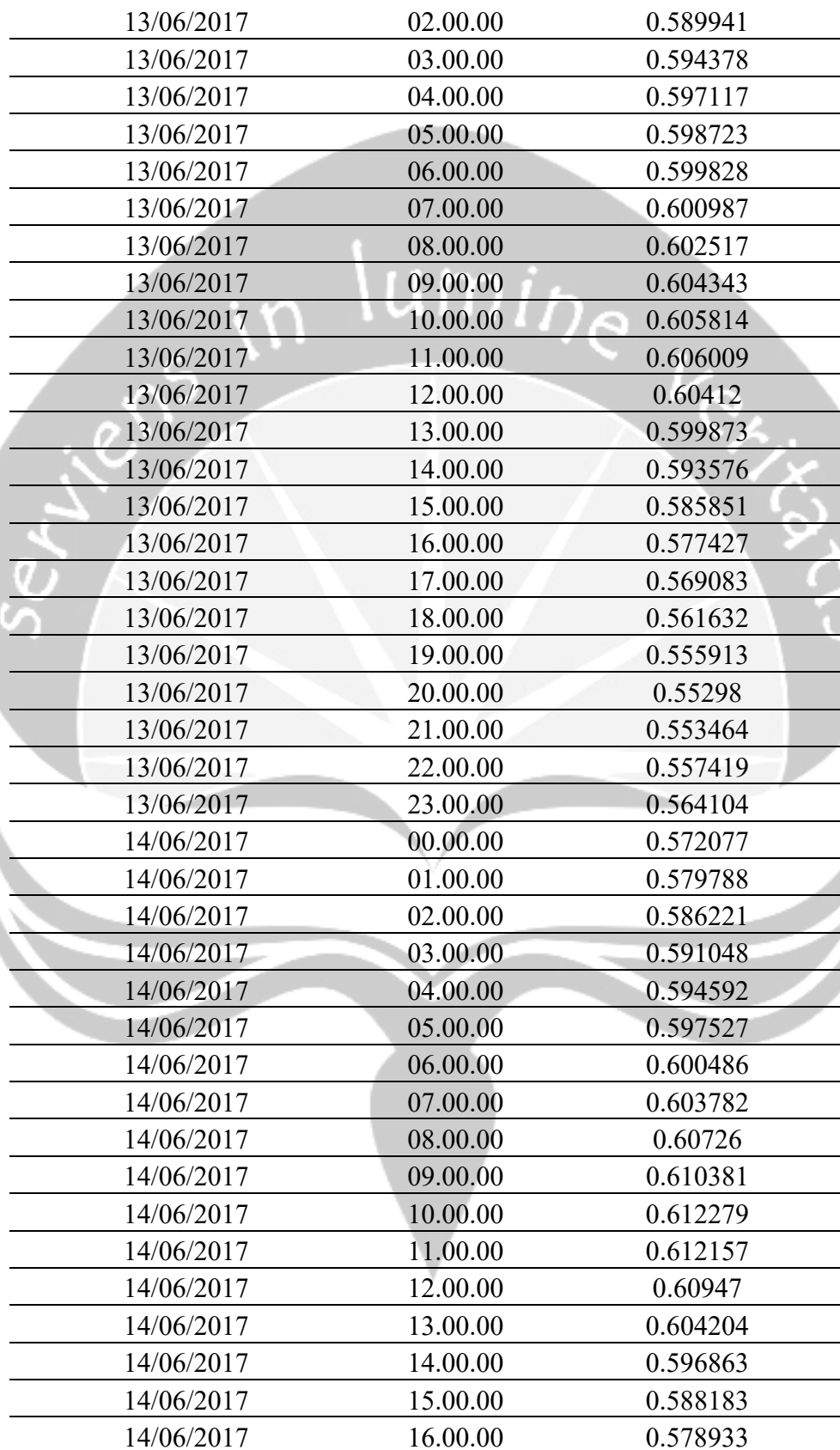
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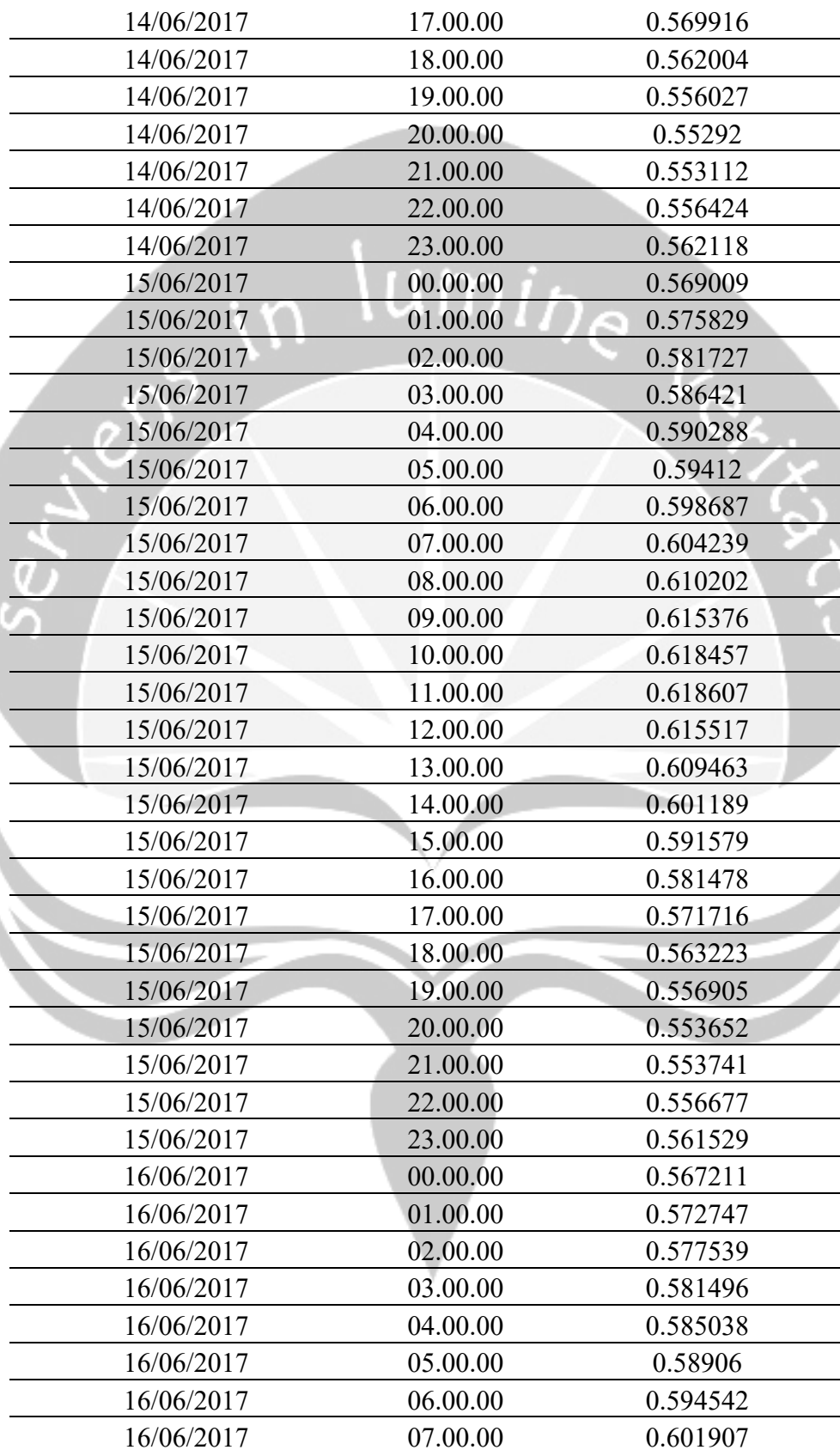
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