

LAMPIRAN



PT BRANTAS PROSPEK ENERGI

Subsidiary of PT Brantas Energi

Jalan D.I Panjaitan Kav. 14 Jakarta 13340 Telp. (021) 29613918 Fax. (021) 29613809

No : 003/BPE-Penelitian/IV/2025

Perihal : Permohonan Penelitian

Kepada Yth.

Dekan Fakultas Teknik

Universitas Kristen Indonesia Toraja

Dengan Hormat,

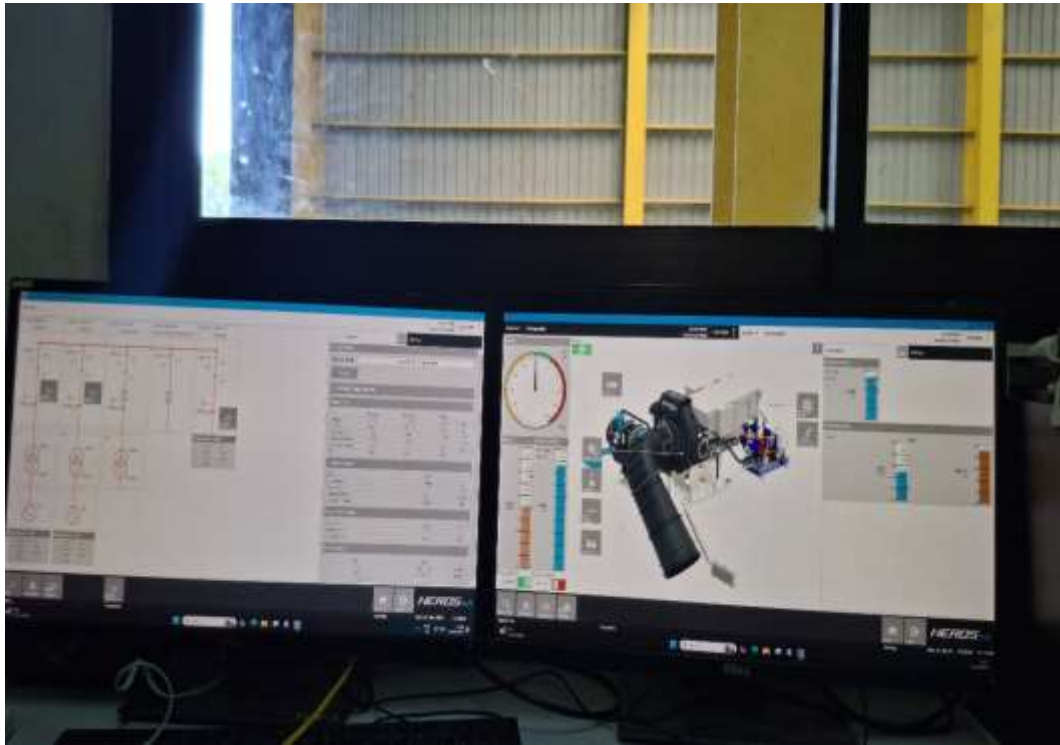
Merujuk surat dengan Nomor PT.01.04/154/UKI Toraja-DFT//2025, Tanggal 11 April 2025, Perihal Permohonan Izin Penelitian yang ditujukan kepada PT.

Brantas Prospek Energi (PLTM Maiting Hulu-2) Toraja Utara, maka dengan ini disampaikan bahwa nama mahasiswa seperti yang tercantum pada surat tersebut diterima untuk melaksanakan Penelitian di PLTM Maiting Hulu-2 Toraja Utara. Demikian disampaikan atas perhatian dan kerja samanya diucapkan terima kasih.

Toraja Utara, 21 April 2025

CHANDRA PRAHADI

Manager Unit





LAPORAN HARIAN OPERASIONAL PLTM MAITING HULU-2 (2X4 MW)

TORAJA UTARA



HARI/TANGGAL: 21 April 2025

No.	Jam	Mvar	Cos ϕ	Freq. (Hz)	Arus (A)			Tegangan (kV)		
					R	S	T	R	S	T
1	00.30	0,52	0,99	50,00	159,0	162,0	164,0	12,21	12,23	12,08
2	01.00	0,50	0,99	49,96	159,0	164,0	164,0	12,20	12,22	12,08
3	01.30	0,53	0,99	49,92	160,0	164,0	166,0	12,23	12,25	12,10
4	02.00	0,54	0,99	50,12	160,0	163,0	165,0	12,24	12,26	12,11
5	02.30	0,51	0,99	50,04	160,0	164,0	165,0	12,24	12,25	12,10
6	03.00	0,49	0,99	50,01	159,0	163,0	164,0	12,24	12,26	12,10
7	03.30	0,48	0,99	49,87	159,0	164,0	164,0	12,26	12,27	12,12
8	04.00	0,51	0,99	50,06	159,0	163,0	164,0	12,27	12,28	12,14
9	04.30	0,47	0,99	50,17	160,0	164,0	165,0	12,25	12,26	12,11
10	05.00	0,58	0,99	50,05	163,0	165,0	168,0	12,04	12,07	11,95
11	05.30	0,88	0,98	49,91	162,0	164,0	167,0	12,14	12,17	12,05
12	06.00	0,89	0,98	49,91	162,0	164,0	167,0	12,17	12,18	12,06
13	06.30	0,88	0,98	50,14	161,0	164,0	167,0	12,17	12,19	12,07
14	07.00	0,89	0,98	49,89	162,0	164,0	167,0	12,18	12,20	12,07
15	07.30	0,88	0,98	49,99	162,0	164,0	165,0	12,19	12,21	12,08
16	08.00	0,99	0,97	50,06	162,0	164,0	166,0	12,25	12,27	12,14
17	08.30	0,99	0,97	49,94	162,0	165,0	166,0	12,23	12,25	12,12
18	09.00	1,01	0,97	49,91	162,0	167,0	167,0	12,19	12,18	12,06
19	09.30	1,10	0,97	49,91	164,0	166,0	166,0	12,15	12,14	12,02
20	10.00	1,01	0,97	49,86	164,0	167,0	168,0	12,11	12,09	11,97
21	10.30	1,33	0,97	49,95	164,0	167,0	167,0	12,25	12,24	12,12
22	11.00	1,33	0,96	50,06	163,0	168,0	167,0	12,17	12,08	12,08
23	11.30	1,33	0,96	49,94	165,0	168,0	167,0	12,21	12,19	12,06
24	12.00	1,33	0,96	50,09	163,0	167,0	167,0	12,25	12,23	12,11
25	12.30	1,32	0,96	49,93	163,0	168,0	167,0	12,25	12,24	12,10
26	13.00	1,32	0,96	49,97	164,0	168,0	167,0	12,24	12,23	12,11
27	13.30	1,35	0,96	49,99	163,0	168,0	168,0	12,23	12,22	12,09
28	14.00	1,33	0,97	49,92	164,0	168,0	167,0	12,20	12,20	12,06
29	14.30	1,34	0,97	49,89	164,0	168,0	168,0	12,21	12,19	12,05
30	15.00	1,34	0,97	49,95	165,0	169,0	168,0	12,18	12,16	12,03
31	15.30	1,37	0,97	50,01	165,0	169,0	169,0	12,17	12,16	12,02
32	16.00	1,46	0,97	50,05	164,0	169,0	169,0	12,19	12,18	12,05
33	16.30	1,46	0,96	49,88	166,0	169,0	168,0	12,16	12,15	12,03
34	17.00	1,53	0,96	49,89	166,0	168,0	168,0	12,22	12,21	12,11
35	17.30	1,36	0,96	50,14	164,0	166,0	167,0	12,16	12,17	12,06
36	18.00	1,35	0,96	50,02	165,0	166,0	167,0	12,26	12,29	12,15
37	18.30	1,38	0,96	49,94	165,0	165,0	167,0	12,21	12,22	12,11
38	19.00	1,36	0,96	49,88	166,0	164,0	167,0	12,21	12,24	12,13
39	19.30	1,38	0,96	50,06	166,0	164,0	167,0	12,22	12,26	12,16
40	20.00	1,38	0,96	49,90	166,0	164,0	167,0	12,25	12,27	12,17
41	20.30	1,32	0,96	49,98	165,0	165,0	166,0	12,25	12,25	12,17
42	21.00	1,34	0,96	50,00	166,0	165,0	166,0	12,27	12,28	12,18
43	21.30	1,33	0,96	49,97	164,0	166,0	167,0	12,26	12,28	12,17
44	22.00	1,30	0,96	50,01	165,0	166,0	166,0	12,30	12,30	12,20
45	22.30	1,29	0,96	49,96	164,0	165,0	165,0	12,28	12,26	12,18
46	23.00	1,27	0,96	50,02	162,0	164,0	165,0	12,40	12,40	12,29
47	23.30	1,25	0,96	50,00	161,0	164,0	164,0	12,37	12,27	12,28
48	24.00	1,19	0,96	50,01	162,0	166,0	166,0	12,39	12,37	12,25

LAPORAN HARIAN OPERASIONAL PLTM MAITING HULU-2 (2X4 MW)
TORAJA UTARA



HARI/TANGGAL: 22 April 2025

No.	Jam	Mvar	Cos ϕ	Freq. (Hz)	Arus (A)			Tegangan (kV)		
					R	S	T	R	S	T
1	00.30	0,95	0,97	49,98	162,0	164,0	165,0	12,30	12,29	12,18
2	01.00	0,93	0,97	50,00	161,0	164,0	165,0	12,29	12,28	12,20
3	01.30	0,81	0,98	50,12	161,0	163,0	165,0	12,30	12,29	12,16
4	02.00	0,80	0,98	50,05	162,0	164,0	166,0	12,33	12,34	12,20
5	02.30	0,82	0,98	49,99	160,0	164,0	165,0	12,34	12,34	12,21
6	03.00	0,83	0,98	50,02	160,0	164,0	164,0	12,33	12,34	12,21
7	03.30	0,81	0,98	49,96	161,0	163,0	164,0	12,36	12,37	12,22
8	04.00	0,79	0,98	50,03	162,0	164,0	165,0	12,37	12,37	12,24
9	04.30	0,50	0,99	49,93	160,0	163,0	164,0	12,24	12,25	12,11
10	05.00	0,51	0,99	50,00	163,0	165,0	166,0	12,26	12,25	12,13
11	05.30	0,49	0,99	50,02	159,0	164,0	165,0	12,24	12,25	12,11
12	06.00	0,52	0,99	50,04	162,0	163,0	165,0	12,22	12,20	12,12
13	06.30	0,47	0,99	49,97	160,0	164,0	166,0	12,21	12,22	12,10
14	07.00	0,50	0,99	50,01	162,0	165,0	165,0	12,24	12,23	12,13
15	07.30	0,55	0,99	50,09	163,0	164,0	167,0	12,09	12,11	11,99
16	08.00	0,88	0,98	49,93	162,0	164,0	166,0	12,21	12,22	12,09
17	08.30	0,87	0,98	50,04	161,0	164,0	166,0	12,21	12,23	2,10
18	09.00	0,87	0,98	49,92	162,0	167,0	167,0	12,13	12,13	11,98
19	09.30	1,11	0,97	49,89	161,0	165,0	166,0	12,24	12,24	12,08
20	10.00	1,12	0,97	50,08	163,0	166,0	166,0	12,23	12,22	12,08
21	10.30	1,10	0,97	50,04	163,0	166,0	166,0	12,22	12,19	12,08
22	11.00	1,13	0,97	50,04	170,0	174,0	174,0	12,24	12,22	12,08
23	11.30	1,12	0,97	50,07	170,0	175,0	174,0	12,24	12,22	12,07
24	12.00	1,12	0,97	49,90	170,0	174,0	174,0	12,25	12,22	12,08
25	12.30	1,12	0,97	50,04	170,0	174,0	174,0	12,25	12,22	12,08
26	13.00	1,15	0,97	50,04	171,0	175,0	175,0	12,23	12,20	12,06
27	13.30	1,12	0,97	49,97	170,0	175,0	175,0	12,22	12,19	12,05
28	14.00	1,13	0,97	49,92	171,0	175,0	174,0	12,20	12,17	12,02
29	14.30	1,13	0,97	50,06	171,0	176,0	175,0	12,22	12,18	12,04
30	15.00	1,36	0,96	49,96	172,0	176,0	176,0	12,25	12,23	12,08
31	15.30	1,39	0,96	50,03	171,0	176,0	175,0	12,15	12,23	12,09
32	16.00	1,39	0,96	50,22	171,0	176,0	176,0	12,21	12,20	12,05
33	16.30	1,39	0,96	50,06	172,0	176,0	176,0	12,21	12,18	12,05
34	17.00	1,39	0,96	50,13	172,0	175,0	175,0	12,26	12,24	12,10
35	17.30	1,38	0,96	49,92	172,0	175,0	175,0	12,25	12,24	12,11
36	18.00	1,37	0,96	50,03	172,0	174,0	174,0	12,26	12,25	12,14
37	18.30	1,38	0,96	49,84	173,0	174,0	175,0	12,24	12,24	12,13
38	19.00	1,38	0,96	49,97	174,0	174,0	173,0	12,26	12,24	12,15
39	19.30	1,14	0,97	49,98	170,0	172,0	172,0	12,24	12,24	12,11
40	20.00	1,15	0,97	50,03	171,0	173,0	174,0	12,25	12,25	12,14
41	20.30	1,13	0,97	49,95	170,0	171,0	173,0	12,25	12,23	12,12
42	21.00	1,16	0,97	50,00	172,0	172,0	173,0	12,26	12,26	12,17
43	21.30	1,14	0,97	49,94	171,0	173,0	174,0	12,24	12,23	12,17
44	22.00	1,11	0,97	50,02	172,0	172,0	174,0	12,37	12,37	12,26
45	22.30	0,82	0,98	49,97	161,0	163,0	163,0	12,28	12,28	12,16
46	23.00	0,83	0,98	50,06	162,0	162,0	164,0	12,32	12,30	12,18
47	23.30	0,80	0,98	49,98	160,0	163,0	163,0	12,30	12,28	12,19
48	24.00	0,82	0,98	50,02	160,0	162,0	163,0	12,37	12,36	12,25

LAPORAN HARIAN OPERASIONAL PLTM MAITING HULU-2 (2X4 MW)
TORAJA UTARA



HARI/TANGGAL: 23 April 2025

No.	Jam	Mvar	Cos ϕ	Freq. (Hz)	Arus (A)			Tegangan (kV)		
					R	S	T	R	S	T
1	00.30	0,47	0,98	49,94	160,0	163,0	163,0	12,29	12,27	12,18
2	01.00	0,48	0,98	50,02	162,0	163,0	164,0	12,28	12,26	12,15
3	01.30	0,50	0,98	49,92	160,0	162,0	163,0	12,30	12,29	12,19
4	02.00	0,54	0,98	49,98	161,0	163,0	164,0	12,26	12,24	12,12
5	02.30	0,52	0,98	49,96	160,0	162,0	162,0	12,24	12,26	12,13
6	03.00	0,55	0,98	50,00	162,0	164,0	164,0	12,25	12,25	12,12
7	03.30	0,57	0,98	50,02	160,0	163,0	164,0	12,27	12,24	12,10
8	04.00	0,60	0,98	50,06	162,0	162,0	163,0	12,26	12,26	12,14
9	04.30	0,62	0,98	49,93	160,0	162,0	164,0	12,25	12,26	12,12
10	05.00	0,65	0,98	50,02	162,0	164,0	165,0	12,27	12,27	12,15
11	05.30	0,63	0,98	49,94	160,0	162,0	162,0	12,26	12,25	12,16
12	06.00	0,66	0,98	50,06	162,0	164,0	164,0	12,27	12,28	12,15
13	06.30	0,64	0,98	50,00	160,0	162,0	163,0	12,25	12,26	12,13
14	07.00	0,66	0,98	50,05	162,0	164,0	164,0	12,27	12,27	12,15
15	07.30	0,87	0,98	49,98	175,0	178,0	179,0	12,15	12,14	12,01
16	08.00	0,88	0,98	50,00	176,0	180,0	180,0	12,19	12,18	12,03
17	08.30	0,86	0,98	50,11	176,0	179,0	179,0	12,17	12,16	12,02
18	09.00	0,88	0,98	50,04	178,0	180,0	180,0	12,17	12,15	12,02
19	09.30	0,85	0,98	49,97	177,0	180,0	179,0	12,20	12,20	12,05
20	10.00	0,90	0,98	49,90	175,0	179,0	179,0	12,17	12,16	12,03
21	10.30	0,89	0,98	50,08	175,0	180,0	179,0	12,15	12,14	12,00
22	11.00	1,11	0,97	50,14	175,0	181,0	180,0	12,23	12,22	12,04
23	11.30	1,13	0,97	49,99	175,0	180,0	180,0	12,25	12,24	12,07
24	12.00	1,14	0,97	50,01	175,0	180,0	180,0	12,24	12,23	12,07
25	12.30	1,10	0,97	50,20	175,0	181,0	180,0	12,27	12,26	12,10
26	13.00	1,12	0,97	49,95	175,0	179,0	179,0	12,28	12,27	12,09
27	13.30	1,15	0,97	49,87	176,0	181,0	181,0	12,21	12,21	12,05
28	14.00	1,18	0,97	50,06	175,0	180,0	180,0	12,22	12,21	12,05
29	14.30	1,17	0,97	49,82	176,0	181,0	181,0	12,21	12,21	12,04
30	15.00	1,16	0,97	50,03	176,0	181,0	180,0	12,19	12,19	12,03
31	15.30	1,18	0,97	49,91	176,0	181,0	180,0	12,17	12,17	12,02
32	16.00	1,20	0,97	50,05	176,0	181,0	181,0	12,16	12,16	12,00
33	16.30	1,38	0,96	50,09	177,0	181,0	181,0	12,19	12,20	12,06
34	17.00	1,36	0,96	49,89	177,0	182,0	182,0	12,23	12,22	12,09
35	17.30	1,37	0,96	50,12	177,0	182,0	181,0	12,24	12,22	12,11
36	18.00	1,39	0,96	49,98	177,0	180,0	180,0	12,26	12,26	12,14
37	18.30	1,35	0,96	50,01	177,0	179,0	180,0	12,27	12,27	12,15
38	19.00	1,25	0,96	50,07	177,0	179,0	179,0	12,31	12,34	12,12
39	19.30	1,24	0,96	49,97	176,0	177,0	177,0	12,33	12,26	12,14
40	20.00	0,90	0,98	50,11	175,0	178,0	178,0	12,21	12,19	12,08
41	20.30									
42	21.00									
43	21.30	1,07	0,98	49,84	163,0	165,0	166,0	12,18	12,18	12,07
44	22.00	1,11	0,97	50,09	163,0	166,0	166,0	12,24	12,24	12,13
45	22.30	1,10	0,97	50,08	162,0	164,0	165,0	12,25	12,25	12,13
46	23.00	1,11	0,97	50,17	162,0	164,0	164,0	12,29	12,30	12,18
47	23.30	0,96	0,97	49,95	159,0	162,0	163,0	12,26	12,26	12,15
48	24.00	0,93	0,97	50,03	154,0	156,0	158,0	12,23	12,24	12,12

LAPORAN HARIAN OPERASIONAL PLTM MAITING HULU-2 (2X4 MW)
TORAJA UTARA



HARI/TANGGAL: 24 April 2025

No.	Jam	Mvar	Cos ϕ	Freq. (Hz)	Arus (A)			Tegangan (kV)		
					R	S	T	R	S	T
1	00.30	0,90	0,97	49,95	149,0	151,0	152,0	12,26	12,25	12,15
2	01.00	0,91	0,97	50,00	147,0	150,0	151,0	12,27	12,26	12,15
3	01.30	0,96	0,97	50,01	138,0	141,0	141,0	12,25	12,24	12,14
4	02.00	0,96	0,97	50,09	138,0	140,0	140,0	12,27	12,27	12,16
5	02.30	0,96	0,97	49,92	138,0	140,0	141,0	12,27	12,26	12,17
6	03.00	0,96	0,97	49,92	138,0	140,0	140,0	12,28	12,27	12,17
7	03.30	0,94	0,97	50,15	137,0	140,0	141,0	12,30	12,29	12,19
8	04.00	0,87	0,97	49,99	137,0	139,0	141,0	12,29	12,28	12,18
9	04.30	0,86	0,97	50,11	137,0	139,0	141,0	12,30	12,30	12,19
10	05.00	0,93	0,97	49,80	142,0	142,0	142,0	12,08	12,08	12,01
11	05.30	0,91	0,97	49,89	141,0	141,0	143,0	12,07	12,08	12,01
12	06.00	0,91	0,97	50,19	141,0	142,0	143,0	12,07	12,08	12,01
13	06.30	0,92	0,97	49,99	142,0	142,0	143,0	12,07	12,01	12,01
14	07.00	0,91	0,97	50,04	141,0	141,0	142,0	12,06	12,08	12,01
15	07.30	1,52	0,94	50,10	143,0	145,0	145,0	12,18	12,17	12,08
16	08.00	1,50	0,94	50,02	142,0	145,0	146,0	12,20	12,18	12,10
17	08.30	1,53	0,94	49,90	143,0	145,0	144,0	12,20	12,18	12,10
18	09.00	1,51	0,94	49,82	143,0	145,0	144,0	12,17	12,15	12,07
19	09.30	1,52	0,94	50,08	143,0	145,0	145,0	12,18	12,16	12,07
20	10.00	1,54	0,94	50,13	143,0	145,0	145,0	12,18	12,17	12,07
21	10.30	1,55	0,94	50,18	143,0	145,0	144,0	12,19	12,16	12,06
22	11.00	1,53	0,94	49,92	142,0	145,0	144,0	12,16	12,15	12,05
23	11.30	1,56	0,94	50,00	142,0	144,0	144,0	12,19	12,17	12,08
24	12.00	1,55	0,94	50,04	143,0	146,0	145,0	12,18	12,16	12,07
25	12.30	1,54	0,94	50,20	154,0	158,0	157,0	12,29	12,28	12,16
26	13.00	1,51	0,94	50,05	154,0	158,0	157,0	12,28	12,26	12,15
27	13.30	1,35	0,96	50,11	164,0	169,0	167,0	12,20	12,19	12,06
28	14.00	1,36	0,96	49,78	164,0	168,0	168,0	12,23	12,19	12,06
29	14.30	1,34	0,96	49,98	164,0	167,0	167,0	12,24	12,20	12,08
30	15.00	1,32	0,96	50,05	165,0	168,0	168,0	12,20	12,18	12,06
31	15.30	1,33	0,96	50,14	164,0	168,0	167,0	12,20	12,19	12,07
32	16.00	1,37	0,96	49,89	165,0	168,0	168,0	12,15	12,14	12,02
33	16.30	1,35	0,96	50,08	165,0	169,0	168,0	12,16	12,15	12,03
34	17.00	1,34	0,96	50,00	164,0	167,0	167,0	12,19	12,18	12,05
35	17.30	1,31	0,96	49,91	164,0	166,0	167,0	12,23	12,21	12,11
36	18.00	1,33	0,96	50,02	164,0	166,0	166,0	12,23	12,24	12,12
37	18.30	1,35	0,96	50,17	164,0	167,0	167,0	12,25	12,24	12,14
38	19.00	0,49	0,99	50,14	157,0	158,0	163,0	12,40	12,43	12,32
39	19.30	0,47	0,99	50,03	158,0	159,0	163,0	12,42	12,44	12,33
40	20.00	0,54	0,99	49,96	159,0	159,0	165,0	12,33	12,38	12,25
41	20.30	0,35	0,99	50,06	155,0	157,0	159,0	12,61	12,61	12,50
42	21.00	0,48	0,99	50,01	160,0	162,0	164,0	12,27	12,26	12,15
43	21.30	0,49	0,99	49,92	160,0	163,0	164,0	12,26	12,26	12,14
44	22.00	0,50	0,99	49,88	160,0	162,0	163,0	12,25	12,24	12,13
45	22.30	0,48	0,99	49,97	160,0	163,0	163,0	12,26	12,25	12,13
46	23.00	0,48	0,99	50,17	159,0	162,0	164,0	12,28	12,27	12,15
47	23.30	0,51	0,99	50,02	161,0	164,0	165,0	12,18	12,18	12,06
48	00.00	0,50	0,99	50,10	161,0	164,0	164,0	12,18	12,18	12,06

LAPORAN HARIAN OPERASIONAL PLTM MAITING HULU-2 (2X4 MW)

TORAJA UTARA



HARI/TANGGAL: 26 April 2025

No.	Jam	Mvar	Cos ϕ	Frek. (hz)	Arus (A)			Tegangan (kV)		
					R	S	T	R	S	T
1	00.30	1,12	0,97	49,90	164,0	167,0	167,0	12,17	12,18	12,05
2	01.00	1,12	0,97	49,97	163,0	166,0	167,0	12,21	12,22	12,08
3	01.30	1,13	0,97	50,05	162,0	166,0	167,0	12,22	12,22	12,08
4	02.00	1,13	0,97	49,95	163,0	166,0	167,0	12,23	12,23	12,09
5	02.30	1,11	0,97	49,93	162,0	166,0	167,0	12,23	12,24	12,09
6	03.00	1,13	0,97	50,09	162,0	166,0	167,0	12,22	12,23	12,08
7	03.30	1,12	0,97	50,06	162,0	165,0	166,0	12,22	12,23	12,10
8	04.00	1,13	0,97	49,77	163,0	167,0	167,0	12,21	12,22	12,07
9	04.30	1,13	0,97	49,87	163,0	167,0	167,0	12,21	12,22	12,08
10	05.00	1,16	0,97	49,92	161,0	164,0	167,0	12,19	12,22	12,07
11	05.30	1,14	0,97	50,09	162,0	165,0	167,0	12,20	12,23	12,06
12	06.00	1,15	0,97	50,17	162,0	166,0	168,0	12,21	12,24	12,10
13	06.30	1,08	0,97	49,99	140,0	140,0	144,0	11,92	11,96	11,85
14	07.00	1,15	0,97	49,91	153,0	154,0	157,0	11,99	12,04	11,91
15	07.30	1,14	0,97	50,07	153,0	154,0	157,0	11,98	12,04	11,91
16	08.00	1,13	0,97	49,84	153,0	156,0	158,0	12,01	12,04	11,89
17	08.30	1,12	0,97	49,98	152,0	155,0	158,0	11,99	12,02	11,88
18	09.00	1,01	0,97	50,11	152,0	155,0	158,0	11,93	11,95	11,81
19	09.30	1,02	0,97	50,02	152,0	155,0	157,0	11,92	11,94	11,80
20	10.00	1,06	0,97	50,01	165,0	169,0	170,0	11,96	11,97	11,83
21	10.30	1,06	0,97	49,93	166,0	170,0	171,0	11,97	11,98	11,83
22	11.00		0,97							
23	11.30	0,40	0,99	49,79	123,0	126,0	128,0	12,32	12,34	12,22
24	12.00	0,34	0,99	50,17	148,0	153,0	155,0	12,47	12,45	12,36
25	12.30	0,35	0,99	49,88	151,0	156,0	157,0	12,48	12,47	12,36
26	13.00	0,33	0,99	49,92	150,0	155,0	156,0	12,51	12,52	12,37
27	13.30	0,34	0,99	50,09	149,0	154,0	155,0	12,53	12,53	12,39
28	14.00	0,34	0,99	49,89	150,0	155,0	156,0	12,48	12,48	12,33
29	14.30	0,34	0,99	49,93	151,0	156,0	157,0	12,47	12,47	12,32
30	15.00	0,34	0,99	49,88	150,0	155,0	156,0	12,48	12,49	12,34
31	15.30	0,33	0,99	50,07	150,0	155,0	156,0	12,50	12,52	12,37
32	16.00	0,35	0,99	50,23	150,0	155,0	156,0	12,50	12,51	12,36
33	16.30	0,34	0,99	49,80	150,0	154,0	156,0	12,48	12,50	12,35
34	17.00	0,35	0,99	49,91	150,0	154,0	156,0	12,48	12,50	12,34
35	17.30	0,36	0,99	50,03	150,0	155,0	156,0	12,49	12,51	12,36
36	18.00	0,38	0,99	50,04	151,0	154,0	156,0	12,44	12,45	12,33
37	18.30	0,38	0,99	49,96	151,0	154,0	156,0	12,43	12,44	12,33
38	19.00	0,40	0,99	50,08	153,0	152,0	155,0	12,41	12,43	12,34
39	19.30	0,42	0,99	49,85	154,0	154,0	157,0	12,39	12,40	12,32
40	20.00	0,42	0,99	50,04	158,0	158,0	161,0	12,42	12,43	12,33
41	20.30	0,41	0,99	49,96	158,0	159,0	161,0	12,43	12,44	12,34
42	21.00	0,38	0,99	50,03	157,0	159,0	161,0	12,48	12,48	12,37
43	21.30	0,37	0,99	49,91	157,0	158,0	161,0	12,46	12,47	12,36
44	22.00	0,42	0,99	49,96	158,0	160,0	162,0	12,40	12,40	12,29
45	22.30	0,40	0,99	50,01	158,0	160,0	162,0	12,40	12,40	12,29
46	23.00	0,36	0,99	50,02	157,0	160,0	161,0	12,46	12,47	12,33
47	23.30	0,37	0,99	49,95	157,0	160,0	161,0	12,46	12,47	12,33
48	00.00	0,36	0,99	49,98	156,0	159,0	161,0	12,46	12,48	12,36

LAPORAN HARIAN OPERASIONAL PLTM MAITING HULU-2 (2X4 MW)
TORAJA UTARA



HARI/TANGGAL: 27 April 2025

No.	Jam	Mvar	Cos ϕ	Freq. (Hz)	Arus (A)			Tegangan (kV)		
					R	S	T	R	S	T
1	00.30	0,37	0,99	50,03	156,0	160,0	161,0	12,48	12,50	12,36
2	01.00	0,40	0,99	49,93	157,0	161,0	163,0	12,42	12,44	12,28
3	01.30	0,32	0,99	50,10	156,0	160,0	162,0	12,40	12,43	12,27
4	02.00	0,29	0,99	49,99	155,0	160,0	162,0	12,46	12,48	12,31
5	02.30	0,32	0,99	49,88	156,0	161,0	163,0	12,45	12,46	12,30
6	03.00	0,31	0,99	49,85	156,0	161,0	163,0	12,44	12,47	12,30
7	03.30	0,30	0,99	49,90	155,0	161,0	163,0	12,43	12,47	12,62
8	04.00	0,32	0,99	49,84	155,0	160,0	163,0	12,44	12,47	12,30
9	04.30	0,31	0,99	49,78	155,0	161,0	162,0	12,45	12,45	12,32
10	05.00	0,32	0,99	50,16	155,0	160,0	162,0	12,45	12,48	12,30
11	05.30	0,29	0,99	49,86	155,0	161,0	163,0	12,43	12,46	12,29
12	06.00	0,38	0,99	50,06	157,0	160,0	164,0	12,34	12,38	12,23
13	06.30	0,36	0,99	49,90	158,0	160,0	164,0	12,32	12,36	12,21
14	07.00	0,39	0,99	49,97	158,0	161,0	164,0	12,30	12,34	12,21
15	07.30	0,42	0,99	50,16	146,0	148,0	153,0	12,22	12,27	12,14
16	08.00	0,52	0,99	50,08	148,0	149,0	155,0	12,25	12,31	12,16
17	08.30	0,52	0,99	49,81	149,0	152,0	156,0	12,24	12,28	12,13
18	09.00	0,54	0,99	49,98	148,0	152,0	155,0	12,26	12,30	12,15
19	09.30	0,52	0,99	49,90	149,0	152,0	155,0	12,23	12,27	12,11
20	10.00	0,50	0,99	50,02	148,0	152,0	154,0	12,24	12,27	12,11
21	10.30	0,51	0,99	50,00	148,0	152,0	154,0	12,25	12,27	12,13
22	11.00	0,51	0,99	50,03	149,0	153,0	155,0	12,22	12,24	12,08
23	11.30	0,62	0,98	49,89	149,0	153,0	154,0	12,25	12,27	12,12
24	12.00	0,68	0,98	49,94	149,0	153,0	155,0	12,20	12,22	12,07
25	12.30	0,69	0,98	50,00	150,0	153,0	155,0	12,21	12,22	12,08
26	13.00	0,68	0,98	50,12	159,0	164,0	164,0	12,26	12,27	12,11
27	13.30	0,67	0,98	50,16	158,0	164,0	164,0	12,27	12,27	12,11
28	14.00	0,69	0,98	49,88	160,0	165,0	166,0	12,22	12,22	12,08
29	14.30	0,69	0,98	50,01	160,0	164,0	165,0	12,22	12,22	12,09
30	15.00	0,68	0,98	50,00	160,0	165,0	165,0	12,26	12,26	12,12
31	15.30	0,69	0,98	49,84	160,0	165,0	166,0	12,25	12,26	12,10
32	16.00	0,71	0,98	50,06	160,0	165,0	166,0	12,20	12,20	12,04
33	16.30	0,71	0,98	50,14	160,0	165,0	166,0	12,19	12,19	12,02
34	17.00	0,72	0,98	49,87	160,0	165,0	166,0	12,20	12,19	12,04
0	17.30	0,70	0,98	50,05	161,0	164,0	165,0	12,18	12,19	12,07
36	18.00	0,71	0,98	50,10	162,0	164,0	166,0	12,19	12,20	12,07
37	18.30	0,71	0,98	50,09	161,0	164,0	166,0	12,19	12,20	12,07
38	19.00	0,74	0,98	50,06	163,0	164,0	166,0	12,13	12,13	12,03
39	19.30	0,73	0,98	49,99	163,0	164,0	166,0	12,13	12,13	12,04
40	20.00	0,70	0,98	49,98	162,0	164,0	165,0	12,19	12,20	12,10
41	20.30	0,72	0,98	49,90	162,0	163,0	163,0	12,20	12,21	12,10
42	21.00	0,84	0,98	49,87	162,0	163,0	164,0	12,27	12,27	12,16
43	21.30	0,83	0,98	49,96	161,0	163,0	164,0	12,25	12,26	12,17
44	22.00	0,80	0,98	49,81	160,0	163,0	164,0	12,34	12,32	12,20
45	22.30	0,81	0,98	49,94	160,0	163,0	164,0	12,32	12,32	12,20
46	23.00	0,82	0,98	49,88	160,0	163,0	164,0	12,28	12,28	12,14
47	23.30	0,84	0,98	50,00	161,0	164,0	165,0	12,30	12,31	12,17
48	24.00	0,82	0,98	49,95	160,00	164,0	164,0	12,32	12,33	12,18

RIWAYAT HIDUP



Perkenalkan, nama saya Geri Cris Orongan, lahir di Rantepao pada tanggal 25 Desember 2002. Saya berdomisili di Laang Tanduk, Toraja Utara, Sulawesi Selatan, berjenis kelamin laki-laki dan memeluk agama Kristen. Saya merupakan anak ketiga dari 3 bersaudara, putra dari pasangan Bapak Sofhianus Kende Orongan dan Ibu Mery Taru', Riwayat pendidikan saya dimulai dari SDN 13 Batu Sopang', kemudian melanjutkan ke SMPN Negeri 1 Batu Sopang', setelah itu menempuh pendidikan menengah di SMK Kristen Tagari Rantepao, dan berhasil menyelesaikan pendidikan strata satu (S1) di Universitas Kristen Indonesia Toraja. Saya memiliki kedisiplinan, tanggung jawab, dan semangat dalam mengembangkan diri, baik di bidang akademik maupun dalam kegiatan organisasi.

Demikianlah daftar riwayat hidup ini saya susun dengan sebenar-benarnya dan penuh tanggung jawab untuk dapat dipergunakan sebagaimana mestinya.

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