

LAMPIRAN

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: 25 April 2025

No.	Jam	Mvar	Cos ϕ	Freq. (Hz)	Arus (A)			Tegangan (KV)		
					R	S	T	R	S	T
1	00.30	0,49	0,99	50,13	160,0	164,0	164,0	12,18	12,17	12,06
2	01.00	0,50	0,99	49,94	161,0	164,0	165,0	12,19	12,17	12,05
3	01.30	0,50	0,99	50,07	136,0	138,0	139,0	12,04	12,04	11,95
4	02.00	0,50	0,99	50,01	142,0	144,0	144,0	12,07	12,06	11,97
5	02.30	0,50	0,99	50,02	142,0	143,0	144,0	12,10	12,10	12,00
6	03.00	0,49	0,99	49,88	141,0	144,0	145,0	12,09	12,09	11,99
7	03.30	0,50	0,99	49,90	141,0	143,0	144,0	12,09	12,08	11,98
8	04.00	0,50	0,99	49,90	141,0	143,0	144,0	12,09	12,08	11,98
9	04.30	0,53	0,99	49,88	142,0	142,0	144,0	12,07	12,08	11,97
10	05.00	0,52	0,99	50,07	141,0	142,0	144,0	12,07	12,08	11,98
11	05.30	0,54	0,99	49,81	141,0	143,0	145,0	12,06	12,07	11,97
12	06.00	0,54	0,99	49,92	142,0	142,0	144,0	12,04	12,04	11,96
13	06.30	0,51	0,99	50,03	143,0	143,0	145,0	12,03	12,03	11,95
14	07.00	0,56	0,99	49,96	144,0	143,0	146,0	11,94	11,94	11,88
15	07.30	1,24	0,96	49,92	146,0	150,0	151,0	12,15	12,14	12,03
16	08.00	1,26	0,96	49,96	150,0	151,0	151,0	12,17	12,15	12,04
93,0	08.30	1,24	0,96	50,04	149,0	152,0	151,0	12,18	12,14	12,05
93,0	09.00	1,25	0,96	50,06	150,0	152,0	152,0	12,16	12,14	12,03
94,0	09.30	1,24	0,96	49,96	150,0	151,0	152,0	12,14	12,12	12,01
20	10.00	1,26	0,96	50,00	151,0	152,0	152,0	12,16	12,14	12,03
21	10.30	1,40	0,95	49,92	149,0	150,0	151,0	12,25	12,30	12,27
22	11.00	1,42	0,95	49,96	150,0	152,0	152,0	12,31	12,30	12,25
23	11.30	1,22	0,96	49,98	160,0	162,0	163,0	12,33	12,30	12,16
24	12.00	1,18	0,96	50,15	161,0	167,0	166,0	12,35	12,32	12,15
25	12.30	1,19	0,96	50,01	160,0	165,0	165,0	12,33	12,33	12,16
26	13.00	1,16	0,96	50,07	161,0	166,0	165,0	12,35	12,33	12,17
27	13.30	1,13	0,97	50,14	160,0	166,0	167,0	12,28	12,27	12,08
28	14.00	1,44	0,95	49,90	165,0	169,0	169,0	12,23	12,21	12,07
29	14.30	1,43	0,95	50,04	164,0	169,0	170,0	12,25	12,22	12,07
30	15.00	1,45	0,95	49,98	163,0	168,0	168,0	12,24	12,22	12,07
31	15.30	1,44	0,95	50,08	164,0	168,0	169,0	12,24	12,22	12,07
32	16.00	1,47	0,95	49,92	165,0	169,0	168,0	12,21	12,20	12,05
33	16.30	1,45	0,95	49,87	165,0	170,0	169,0	12,26	12,21	12,16
34	17.00	1,45	0,95	50,07	164,0	168,0	168,0	12,21	12,17	12,13
35	17.30	1,45	0,95	50,12	165,0	165,0	167,0	12,26	12,24	12,17
36	18.00	1,46	0,95	49,94	165,0	166,0	167,0	12,28	12,29	12,16
37	18.30	1,44	0,95	49,90	165,0	167,0	168,0	12,27	12,28	12,16
38	19.00	1,43	0,95	49,97	164,0	166,0	167,0	12,27	12,29	12,16
39	19.30	1,44	0,95	49,99	164,0	166,0	167,0	12,26	12,30	12,17
40	20.00	1,42	0,95	49,87	165,0	165,0	167,0	12,27	12,30	12,19
41	20.30	0,42	0,95	50,10	165,0	166,0	166,0	12,30	12,31	12,20
42	21.00	1,13	0,97	49,98	164,0	164,0	166,0	12,22	12,24	12,11
43	21.30	1,12	0,97	50,08	164,0	165,0	165,0	12,22	12,25	12,12
44	22.00	1,10	0,97	50,08	163,0	164,0	165,0	12,26	12,28	12,15
45	22.30	1,09	0,97	50,00	163,0	165,0	166,0	12,28	12,28	12,18
46	23.00	1,08	0,97	49,98	163,0	164,0	165,0	12,29	12,29	12,17
47	23.30	1,13	0,97	50,00	164,0	167,0	167,0	12,14	12,14	12,02
48	24.00	1,14	0,97	49,99	163,0	166,0	167,0	12,16	12,16	12,03

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



2







RIWAYAT HIDUP



Perkenalkan, nama saya Iyeldy Mangape, lahir di Biak pada tanggal 05 Juni 2003. Saya berdomisili di Akung Bangkelekila, Toraja Utara, Sulawesi Selatan, berjenis kelamin laki-laki dan memeluk agama Kristen. Saya merupakan anak ke Dua dari Tiga bersaudara, putra dari pasangan Bapak Daniel Pangadongan dan Ibu Lince Sanda Ganna. Riwayat pendidikan saya dimulai dari SD Inpres Timika II, kemudian melanjutkan ke SMP Katolik Unggulan Santa Maria, setelah itu menempuh pendidikan menengah di SMK Negeri 3 Toraja Utara, dan berhasil menyelesaikan pendidikan strata satu (S1) di Universitas Kristen Toraja. Selain pendidikan formal, saya juga aktif dalam kegiatan non-akademik. Pengalaman ini memperkaya wawasan, keterampilan, dan kedisiplinan saya dalam bidang akademik maupun organisasi.

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

Penulis dapat dihungi melalui Email : iyeldymangape05@gmail.com