

LOAD FLOW REPORT

Bus		Voltage		Generation		Load		Load Flow				XFMR	
ID	kV	% Mag.	Ang.	MW	Mvar	MW	Mvar	ID	MW	Mvar	Amp	%PF	%Tap
Bus1	0.400	92.686	5.4	0	0	0	0	Bus2	-0.063	0.000	98.1	100.0	
								Bus3	-0.063	0.000	98.1	100.0	
								Bus5	-0.064	0.000	99.5	100.0	
								Bus7	-0.063	0.000	98.1	100.0	
								Bus8	-0.095	0.000	147.2	100.0	
								Bus9	-0.095	0.000	147.2	100.0	
								Bus10	-0.095	0.000	147.2	100.0	
								Bus11	-0.095	0.000	147.2	100.0	
								Bus12	-0.095	0.000	147.2	100.0	
								Bus13	-0.095	0.000	147.2	100.0	
								Bus14	-0.095	0.000	147.2	100.0	
								Bus15	-0.095	0.000	147.2	100.0	
								Bus16	-0.095	0.000	147.2	100.0	
								Bus17	-0.095	0.000	147.2	100.0	
								Bus18	-0.095	0.000	147.2	100.0	
								Bus19	-0.095	0.000	147.2	100.0	
								Bus20	-0.095	0.000	147.2	100.0	
Bus2	0.400	94.467	5.4	0.064	0.000	0	0	Bus38	1.765	0.000	2748.5	100.0	
								Bus1	0.064	0.000	98.1	100.0	
								Bus1	0.064	0.000	98.1	100.0	
								Bus1	0.064	0.000	99.5	100.0	
								Bus1	0.064	0.000	98.1	100.0	
								Bus1	0.097	0.000	147.2	100.0	
								Bus1	0.097	0.000	147.2	100.0	
								Bus1	0.097	0.000	147.2	100.0	
								Bus1	0.097	0.000	147.2	100.0	
								Bus1	0.097	0.000	147.2	100.0	
								Bus1	0.097	0.000	147.2	100.0	
								Bus1	0.097	0.000	147.2	100.0	
								Bus1	0.097	0.000	147.2	100.0	
								Bus1	0.097	0.000	147.2	100.0	
								Bus1	0.097	0.000	147.2	100.0	
								Bus1	0.097	0.000	147.2	100.0	
								Bus1	0.097	0.000	147.2	100.0	
								Bus1	0.097	0.000	147.2	100.0	

Project:  
Location:  
Contract:  
Engineer:  
Filename: bahan skripsi

**ETAP**  
**12.6.0H**  
  
Study Case: LF

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Date: 27-06-2023  
SN:  
Revision: Base  
Config.: Normal

Bus		Voltage		Generation		Load		Load Flow				XFMR	
ID	kV	% Mag.	Ang.	MW	Mvar	MW	Mvar	ID	MW	Mvar	Amp	%PF	%Tap
Bus19	0.400	95.360	5.4	0.097	0.000	0	0	Bus1	0.097	0.000	147.2	100.0	
Bus20	0.400	95.360	5.4	0.097	0.000	0	0	Bus1	0.097	0.000	147.2	100.0	
Bus21	0.400	95.360	5.4	0.097	0.000	0	0	Bus1	0.097	0.000	147.2	100.0	
Bus22	0.400	95.360	5.4	0.097	0.000	0	0	Bus1	0.097	0.000	147.2	100.0	
Bus23	0.400	95.360	5.4	0.097	0.000	0	0	Bus1	0.097	0.000	147.2	100.0	
Bus24	0.690	90.557	-0.5	0	0	0.638	0.395	Bus39	-0.638	-0.395	693.0	85.0	
Bus25	3.300	92.729	1.5	0	0	0	0	Bus38	-1.762	0.121	333.2	-99.8	
								Bus36	1.121	-0.778	257.5	-82.2	
								Bus39	0.638	0.427	144.9	83.1	
								Bus28	0.002	0.231	43.5	0.9	
Bus28	0.400	91.411	2.0	0	0	0.000	0.227	Bus25	0.000	-0.227	358.9	0.0	
Bus29	3.300	91.114	-1.4	0	0	0	0	Bus30	1.311	0.908	306.2	82.2	
								Bus32	0.824	0.548	190.1	83.3	
								Bus33	-2.135	-1.456	496.2	82.6	
Bus30	0.400	86.959	-4.3	0	0	1.294	0.802	Bus29	-1.294	-0.802	2526.2	85.0	
Bus32	0.400	87.852	-3.3	0	0	0.811	0.503	Bus29	-0.811	-0.503	1568.0	85.0	
Bus33	3.300	91.114	-1.4	0	0	0	0	Bus35	-1.061	0.819	257.4	-79.2	
								Bus37	-1.074	-2.275	483.0	42.7	
								Bus29	2.135	1.456	496.2	82.6	
Bus35	3.300	91.176	-1.3	0	0	0	0	Bus33	1.064	-0.817	257.4	-79.3	
								Bus36	-1.064	0.817	257.4	-79.3	
Bus36	3.300	92.632	1.3	0	0	0	0	Bus25	-1.117	0.781	257.4	-82.0	
								Bus35	1.117	-0.781	257.4	-82.0	
* Bus37	0.400	100.000	0.0	1.116	2.525	0	0	Bus33	1.116	2.525	3984.9	40.4	
Bus38	3.300	92.760	1.5	0	0	0	0	Bus25	1.762	-0.120	333.2	-99.8	
								Bus1	-1.762	0.120	333.2	-99.8	
Bus39	3.300	92.702	1.5	0	0	0	0	Bus25	-0.638	-0.427	144.9	83.1	
								Bus24	0.638	0.427	144.9	83.1	

\* Indicates a voltage regulated bus (voltage controlled or swing type machine connected to it)

# Indicates a bus with a load mismatch of more than 0.1 MVA