

Bus Loading Summary Report

Bus			Directly Connected Load								Total Bus Load			
			Constant kVA		Constant Z		Constant I		Generic		MVA	% PF	Amp	Percent Loading
ID	kV	Rated Amp	MW	Mvar	MW	Mvar	MW	Mvar	MW	Mvar				
Bus1	0.400		0	0	0	0	0	0	0	0	1.765	100.0	2748.5	
Bus2	0.400		0	0	0	0	0	0	0	0	0.064	100.0	98.1	
Bus3	0.400		0	0	0	0	0	0	0	0	0.064	100.0	98.1	
Bus5	0.400		0	0	0	0	0	0	0	0	0.064	100.0	99.5	
Bus7	0.400		0	0	0	0	0	0	0	0	0.064	100.0	98.1	
Bus8	0.400		0	0	0	0	0	0	0	0	0.097	100.0	147.2	
Bus9	0.400		0	0	0	0	0	0	0	0	0.097	100.0	147.2	
Bus10	0.400		0	0	0	0	0	0	0	0	0.097	100.0	147.2	
Bus11	0.400		0	0	0	0	0	0	0	0	0.097	100.0	147.2	
Bus12	0.400		0	0	0	0	0	0	0	0	0.097	100.0	147.2	
Bus13	0.400		0	0	0	0	0	0	0	0	0.097	100.0	147.2	
Bus14	0.400		0	0	0	0	0	0	0	0	0.097	100.0	147.2	
Bus15	0.400		0	0	0	0	0	0	0	0	0.097	100.0	147.2	
Bus16	0.400		0	0	0	0	0	0	0	0	0.097	100.0	147.2	
Bus17	0.400		0	0	0	0	0	0	0	0	0.097	100.0	147.2	
Bus18	0.400		0	0	0	0	0	0	0	0	0.097	100.0	147.2	
Bus19	0.400		0	0	0	0	0	0	0	0	0.097	100.0	147.2	
Bus20	0.400		0	0	0	0	0	0	0	0	0.097	100.0	147.2	
Bus21	0.400		0	0	0	0	0	0	0	0	0.097	100.0	147.2	
Bus22	0.400		0	0	0	0	0	0	0	0	0.097	100.0	147.2	
Bus23	0.400		0	0	0	0	0	0	0	0	0.097	100.0	147.2	
Bus24	0.690		0.638	0.395	0	0	0	0	0	0	0.750	85.0	693.0	
Bus25	3.300		0	0	0	0	0	0	0	0	1.926	91.5	363.3	
Bus28	0.400		0	0.188	0	0.039	0	0	0	0	0.227	0.0	358.9	
Bus29	3.300		0	0	0	0	0	0	0	0	2.584	82.6	496.2	
Bus30	0.400		1.088	0.674	0.206	0.127	0	0	0	0	1.522	85.0	2526.2	
Bus32	0.400		0.680	0.421	0.131	0.081	0	0	0	0	0.954	85.0	1568.0	
Bus33	3.300		0	0	0	0	0	0	0	0	3.120	68.4	599.1	
Bus35	3.300		0	0	0	0	0	0	0	0	1.342	79.3	257.4	
Bus36	3.300		0	0	0	0	0	0	0	0	1.363	82.0	257.4	
Bus37	0.400		0	0	0	0	0	0	0	0	2.761	40.4	3984.9	
Bus38	3.300		0	0	0	0	0	0	0	0	1.766	99.8	333.2	
Bus39	3.300		0	0	0	0	0	0	0	0	0.768	83.1	144.9	

Project:

ETAP

Page: 2

Location:

12.6.0H

Date: 27-06-2023

Contract:

SN:

Engineer:

Study Case: LF

Revision: Base

Filename: bahan skripsi

Config.: Normal

* Indicates operating load of a bus exceeds the bus critical limit (100.0% of the Continuous Ampere rating).

Indicates operating load of a bus exceeds the bus marginal limit (95.0% of the Continuous Ampere rating).