

Project:
Location:
Contract:
Engineer:
Filename: unbalance max load

ETAP
12.6.0H

Study Case: HA

Page: 1
Date: 11-03-2017
SN:
Revision: Base
Config.: Normal

VTBD (Total Harmonic Distortion) Report

Bus		Voltage Distortion	
ID	kV	Fund. %	VTBD %
Bus5	0.400	98.93	4.25
Bus8	0.400	99.38	4.43
Bus12	0.400	99.21	4.21
Bus14	0.400	99.33	4.36
Bus19	0.400	99.25	4.35
Bus20	0.400	99.02	4.37
Bus22	0.400	98.86	4.21
Bus25	0.400	99.17	4.39
Bus27	0.400	99.22	4.18
Bus30	0.400	99.46	4.41
Bus34	0.400	98.89	4.34
Bus37	0.400	98.98	4.31
Bus41	0.400	99.12	4.43
Bus46	0.400	97.72	4.02
Bus52	0.400	99.22	4.24
Bus56	0.400	99.14	4.23
Bus59	0.400	99.08	4.45
Bus62	0.400	98.89	4.27
Bus66	0.400	98.74	4.40
Bus68	0.400	99.37	4.47
Bus72	0.400	98.80	4.40
Bus75	0.400	99.35	4.49
Bus78	0.400	99.30	4.43
Bus81	0.400	98.90	4.36
Bus85	0.400	98.91	4.34
Bus89	0.400	98.74	4.35
Bus92	0.400	98.94	4.46
Bus95	0.400	98.70	4.41
Bus98	0.400	99.31	4.51
Bus101	0.400	99.14	4.57
Bus105	0.400	98.84	4.40
Bus108	0.400	98.64	4.36
Bus116	0.400	99.12	4.43
Bus119	0.400	99.22	4.44
Bus125	0.400	98.75	4.37
Bus129	0.400	99.19	4.40
Bus133	0.400	99.19	4.41
Bus139	0.400	98.26	4.33
Bus143	0.400	98.62	4.36
Bus148	0.400	98.73	4.33

Bus		Voltage Distortion	
ID	kV	Fund. %	VTHD %
Bus150	0.400	99.55	4.42
Bus154	0.400	99.77	4.45
Bus157	0.400	99.55	4.43
Bus162	0.400	99.33	4.42
Bus165	0.400	99.31	4.42
Bus170	0.400	99.24	4.30
Bus175	0.400	98.64	4.24
Bus178	0.400	98.28	4.16
Bus183	0.400	99.04	4.41
Bus188	0.400	99.48	4.49
Bus191	0.400	99.56	4.50
Bus200	0.400	98.73	4.46
Bus203	0.400	99.49	4.50
Bus208	0.400	99.31	4.51
Bus211	0.400	99.05	4.48
Bus212	0.400	99.65	6.13

Indicates buses with THD (Total Harmonic Distortion) exceeding the limit