

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

ETAP
12.6.0H

Study Case: LF

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

Branch Loading Summary Report

CKT / Branch		Cable & Reactor			Transformer				
ID	Type	Ampacity (Amp)	Loading Amp	%	Capability (kVA)	Loading (input)		Loading (output)	
						kVA	%	kVA	%
T1 Al-masjid Al_kaber	Transformer				630.0	287.6	45.6	285.4	45.3
T2 Mothalath Al_borg	Transformer				630.0	287.6	45.7	285.5	45.3
T3 Maskaneh	Transformer				630.0	287.5	45.6	285.4	45.3
T4 Bear mtawi'	Transformer				630.0	218.4	34.7	217.3	34.5
T5 Wad algamary 1	Transformer				400.0	196.4	49.1	194.7	48.7
T6 Wad algamary 2	Transformer				250.0	72.8	29.1	72.3	28.9
T7 Al_deir 1	Transformer				630.0	230.7	36.6	228.4	36.3
T8 Karam al_ashqar	Transformer				250.0	121.9	48.8	121.3	48.5
T9 Abu al_humas	Transformer				630.0	230.6	36.6	228.3	36.2
T10 Meqtaa' duma	Transformer				630.0	174.9	27.8	173.5	27.5
T11 Wad ali	Transformer				250.0	177.2	70.9	175.8	70.3
T12 Aqabit gharrarah	Transformer				630.0	172.6	27.4	170.9	27.1
T13 Qata't al_jamal	Transformer				630.0	94.6	15.0	94.2	15.0
T14 Al_markaz	Transformer				630.0	98.5	15.6	98.1	15.6
T15 Abu hashim	Transformer				250.0	214.4	85.8	212.1	84.8
T16 Sa'ada	Transformer				630.0	102.8	16.3	102.3	16.2
T17 Al_baladiya	Transformer				630.0	102.8	16.3	102.4	16.3
T18 Al_sheehk	Transformer				630.0	214.4	34.0	212.1	33.7
T19 Kerbit alama	Transformer				630.0	78.1	12.4	77.7	12.3
T20 Aqabit al_tarsha	Transformer				250.0	117.6	47.1	116.3	46.5
T21 Al_mustashfah	Transformer				630.0	94.9	15.1	94.0	14.9
T22 Da'na	Transformer				630.0	91.9	14.6	90.9	14.4
T23 Kurza	Transformer				630.0	117.5	18.7	116.2	18.4
T24 Al-deire 2	Transformer				630.0	94.9	15.1	94.1	14.9
T25 Rasmi wahab	Transformer				250.0	91.9	36.8	91.0	36.4
T26 Baten alqar'	Transformer				250.0	111.3	44.5	110.0	44.0
T27 Al_muntazah	Transformer				250.0	61.5	24.6	61.1	24.5
T28 Domet al_wridat	Transformer				630.0	123.0	19.5	121.6	19.3
T29 Juret al_dama	Transformer				630.0	138.8	22.0	137.5	21.8
T30 Kafar joul	Transformer				250.0	92.7	37.1	92.0	36.8
T31 Sam'a	Transformer				250.0	35.5	14.2	35.4	14.2
T32 Khalet al_ayaseh	Transformer				630.0	57.5	9.1	57.2	9.1
T33 Al_mizrab	Transformer				250.0	41.1	16.4	40.9	16.4

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

ETAP
12.6.0H

Study Case: LF

Page: 2
Date: 11-03-2017
SN:
Revision: Base
Config.: Normal

CKT / Branch		Cable & Reactor			Transformer				
ID	Type	Ampacity (Amp)	Loading Amp	%	Capability (kVA)	Loading (input)		Loading (output)	
						kVA	%	kVA	%
T34 Al_shadaqa	Transformer				250.0	41.1	16.4	40.9	16.4
T35 Al_shuqfan	Transformer				250.0	87.1	34.8	85.7	34.3
T36 Al_estad	Transformer				250.0	41.1	16.4	40.9	16.4
T37 EshreeteH	Transformer				630.0	106.6	16.9	105.7	16.8
T38 Al_muhtasib	Transformer				630.0	64.0	10.2	63.6	10.1
T39 Jammoq	Transformer				630.0	117.3	18.6	116.2	18.4
T40 Al_helal	Transformer				250.0	13.6	5.4	13.6	5.4
T41 Al_muntazah 2	Transformer				250.0	61.5	24.6	61.1	24.4
T42 Abu njeem 2	Transformer				250.0	61.5	24.6	61.1	24.4
T43 Al_jame'a	Transformer				630.0	67.7	10.7	67.2	10.7
T44 Alghwla	Transformer				250.0	34.9	13.9	34.8	13.9
T45 Masafi	Transformer				630.0	111.4	17.7	110.2	17.5
T46 Al_jebreni	Transformer				630.0	120.8	19.2	119.0	18.9
T47 Abu_njeem 1	Transformer				160.0	41.2	25.7	40.9	25.6
T48 Inab al_kabeer	Transformer				250.0	35.6	14.2	35.4	14.2
T49 Shweki	Transformer				630.0	35.6	5.7	35.4	5.6
T50 Al-baha	Transformer				630.0	118.5	18.8	115.9	18.4
T51 Inab al_sagher	Transformer				250.0	56.9	22.8	56.2	22.5
T52 Bank al_eskan	Transformer				630.0	41.2	6.5	40.9	6.5
T53 Al_tork	Transformer				630.0	123.3	19.6	122.6	19.5
T54 Wad algamary 3	Transformer				630.0	41.2	6.5	40.9	6.5
T55 Mana'	Transformer				630.0	54.0	8.6	53.8	8.5
T56 Al_jebreny step up	Transformer				630.0	422.2	67.0	412.4	65.5

* Indicates a branch with operating load exceeding the branch capability.