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Branch Loading Summary Report

CKT / Branch		Cable & Reactor			Transformer				
ID	Type	Ampacity (Amp)	Loading Amp	%	Capability (MVA)	Loading (input)		Loading (output)	
						MVA	%	MVA	%
Cable1	Cable	307.50	2.52	0.82					
Cable2	Cable	217.71	2.82	1.30					
Cable3	Cable	217.71	1.87	0.86					
Cable4	Cable	217.71	1.18	0.54					
Cable5	Cable	217.71	1.24	0.57					
Cable7	Cable	217.71	2.58	1.18					
Cable8	Cable	217.71	1.58	0.72					
Cable44	Cable	106.42	72.41	68.04					
* Cable45	Cable	217.71	651.65	299.32					
Cable48	Cable	106.42	72.41	68.04					
Cable49	Cable	106.42	72.41	68.04					
Cable50	Cable	106.42	72.41	68.04					
Cable51	Cable	106.42	72.41	68.04					
Cable52	Cable	106.42	72.41	68.04					
Cable53	Cable	106.42	72.41	68.04					
Cable54	Cable	106.42	72.41	68.04					
Cable66	Cable	106.42	65.23	61.30					
Cable67	Cable	106.42	66.26	62.27					
Cable69	Cable	106.42	73.53	69.09					
Cable70	Cable	106.42	73.53	69.09					
Cable71	Cable	106.42	73.53	69.09					
Cable72	Cable	106.42	73.53	69.09					
Cable73	Cable	106.42	73.53	69.09					
Cable79	Cable	106.42	76.92	72.28					
Cable80	Cable	106.42	76.92	72.28					
Cable81	Cable	106.42	76.92	72.28					
Cable82	Cable	106.42	76.92	72.28					
Cable83	Cable	106.42	76.92	72.28					
Cable86	Cable	106.42	65.23	61.30					
Cable87	Cable	106.42	65.23	61.30					
Cable88	Cable	106.42	65.23	61.30					
Cable89	Cable	106.42	65.23	61.30					
Cable90	Cable	106.42	65.23	61.30					

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ID	Type	Ampacity (Amp)	Loading Amp	%	Capability (MVA)	Loading (input)		Loading (output)	
						MVA	%	MVA	%
Cable91	Cable	106.42	65.23	61.30					
Cable92	Cable	106.42	65.23	61.30					
Cable93	Cable	106.42	65.23	61.30					
Cable95	Cable	106.42	71.46	67.15					
Cable98	Cable	106.42	71.46	67.15					
Cable99	Cable	106.42	71.46	67.15					
Cable100	Cable	106.42	71.46	67.15					
Cable101	Cable	106.42	71.46	67.15					
Cable102	Cable	106.42	71.46	67.15					
Cable103	Cable	106.42	71.46	67.15					
Cable104	Cable	106.42	71.46	67.15					
Cable105	Cable	106.42	71.46	67.15					
Cable106	Cable	106.42	71.46	67.15					
Cable107	Cable	106.42	72.41	68.04					
Cable108	Cable	106.42	72.41	68.04					
Cable109	Cable	106.42	72.41	68.04					
Cable110	Cable	106.42	72.41	68.04					
Cable111	Cable	106.42	72.41	68.04					
Cable112	Cable	106.42	72.41	68.04					
Cable113	Cable	106.42	72.41	68.04					
Cable114	Cable	106.42	72.41	68.04					
Cable115	Cable	106.42	72.41	68.04					
Cable118	Cable	106.42	73.53	69.09					
* Cable120	Cable	217.71	652.31	299.63					
* Cable121	Cable	217.71	580.95	266.85					
* Cable122	Cable	217.71	384.60	176.66					
* Cable123	Cable	217.71	714.60	328.24					
* Cable124	Cable	217.71	651.65	299.32					
Cable126	Cable	106.42	72.41	68.04					
Cable128	Cable	106.42	65.23	61.30					
Cable130	Cable	106.42	73.53	69.09					
* Line2	Line	103.00	104.12	101.09					
* Line3	Line	0.50	0.62	123.21					
* Line4	Line	0.50	0.66	132.21					
* Line5	Line	102.20	103.57	101.34					

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ID	Type	Ampacity (Amp)	Loading Amp	%	Capability (MVA)	Loading (input)		Loading (output)	
						MVA	%	MVA	%
* Line6	Line	100.30	101.42	101.12					
* Line7	Line	100.00	101.01	101.01					
* Line8	Line	100.00	101.02	101.02					
* Line9	Line	100.00	101.04	101.04					
* Line10	Line	98.80	99.65	100.86					
* Line11	Line	97.60	98.19	100.61					
* Line12	Line	97.60	98.20	100.62					
* Line13	Line	97.30	97.88	100.59					
Line14	Line	21.30	16.82	78.97					
Line15	Line	20.10	14.90	74.11					
* Line16	Line	4.00	5.13	128.23					
* Line17	Line	2.70	3.46	128.22					
* Line18	Line	1.30	1.67	128.47					
* Line19	Line	1.30	1.67	128.66					
* Line20	Line	1.40	1.68	119.86					
Line21	Line	17.80	10.65	59.85					
Line22	Line	17.80	10.66	59.89					
Line23	Line	16.00	7.57	47.34					
* Line24	Line	0.60	0.71	118.50					
* Line25	Line	0.60	0.71	118.44					
* Line26	Line	0.50	0.55	109.56					
Line27	Line	15.60	7.11	45.56					
* Line28	Line	0.40	0.49	122.70					
Line29	Line	15.60	7.13	45.73					
Line30	Line	15.30	6.97	45.56					
* Line31	Line	2.10	2.80	133.57					
Line32	Line	15.10	7.72	51.13					
Line33	Line	15.10	8.21	54.37					
* Line34	Line	0.30	0.45	149.90					
* Line35	Line	0.10	0.13	132.52					
Line36	Line	15.40	10.28	66.75					
Line37	Line	15.80	12.14	76.84					
Line38	Line	15.80	12.49	79.02					
Line39	Line	15.80	12.49	79.04					
Line40	Line	66.00	12.49	18.92					

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ID	Type	Ampacity (Amp)	Loading Amp	%	Capability (MVA)	Loading (input)		Loading (output)	
						MVA	%	MVA	%
Line41	Line	0.10	0.06	64.24					
Line42	Line	0.10	0.04	37.04					
Line44	Line	15.90	12.51	78.69					
Line45	Line	16.00	12.66	79.11					
Line46	Line	66.00	12.82	19.43					
Line47	Line	16.90	12.43	73.57					
Line48	Line	45.80	42.33	92.41					
Line49	Line	47.30	44.13	93.29					
Line50	Line	49.00	46.56	95.02					
* Line51	Line	2.10	2.60	123.89					
* Line52	Line	1.00	1.18	118.29					
Line53	Line	51.10	49.15	96.18					
Line54	Line	52.10	50.39	96.72					
Line55	Line	52.60	51.05	97.05					
Line56	Line	53.80	52.60	97.77					
* Line57	Line	4.10	5.19	126.63					
* Line58	Line	3.40	4.45	130.75					
* Line59	Line	11.40	57.53	504.63					
* Line60	Line	57.40	58.83	102.48					
* Line61	Line	1.30	1.55	119.05					
* Line62	Line	60.80	61.95	101.89					
* Line63	Line	0.40	0.52	130.28					
* Line64	Line	61.10	62.41	102.15					
Line65	Line	0.20	0.15	73.19					
* Line66	Line	61.20	62.53	102.18					
* Line67	Line	67.00	69.76	104.13					
* Line68	Line	0.20	0.31	156.69					
* Line69	Line	67.10	70.02	104.35					
* Line70	Line	0.30	0.43	144.70					
* Line71	Line	5.80	7.24	124.78					
* Line72	Line	0.90	1.08	120.09					
* Line73	Line	0.20	0.36	179.87					
* Line74	Line	5.20	6.16	118.52					
* Line75	Line	0.20	0.24	117.84					
* Line76	Line	3.40	4.27	125.48					

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ID	Type	Ampacity (Amp)	Loading Amp	%	Capability (MVA)	Loading (input)		Loading (output)	
						MVA	%	MVA	%
* Line77	Line	3.00	3.61	120.33					
* Line78	Line	2.40	3.01	125.60					
* Line79	Line	1.00	1.32	131.90					
Line81	Line	36.90	30.69	83.18					
Line83	Line	38.60	30.69	79.52					
* Line84	Line	4.10	5.21	127.08					
* Line85	Line	3.00	3.85	128.19					
* Line86	Line	2.80	3.56	127.10					
* Line87	Line	2.80	3.56	127.17					
* Line88	Line	2.80	3.60	128.61					
* Line89	Line	2.20	2.75	124.89					
* Line90	Line	1.50	1.91	127.60					
* Line91	Line	1.50	1.92	127.89					
* Line92	Line	0.70	0.95	135.85					
Line93	Line	0.10	0.07	74.06					
Line94	Line	32.70	25.50	77.98					
Line95	Line	32.70	25.54	78.09					
Line96	Line	13.70	1.38	10.05					
* Line97	Line	19.10	24.22	126.81					
* Line98	Line	10.30	13.06	126.80					
* Line99	Line	4.60	5.77	125.41					
* Line100	Line	2.90	3.68	126.91					
* Line101	Line	2.00	2.52	126.17					
* Line102	Line	2.00	2.52	126.24					
* Line103	Line	5.80	7.32	126.13					
* Line104	Line	5.80	7.29	125.70					
* Line105	Line	5.10	6.47	126.80					
* Line106	Line	0.90	1.12	124.14					
* Line108	Line	0.90	1.12	124.93					
* Line109	Line	3.10	3.94	126.95					
* Line110	Line	2.80	3.54	126.42					
* Line111	Line	2.40	3.09	128.55					
* Line112	Line	1.30	1.60	122.73					
* Line113	Line	0.20	0.21	107.01					
* Line114	Line	8.90	11.21	125.92					

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ID	Type	Ampacity (Amp)	Loading Amp	%	Capability (MVA)	Loading (input)		Loading (output)	
						MVA	%	MVA	%
* Line115	Line	0.90	1.08	119.70					
* Line116	Line	8.00	10.14	126.70					
* Line117	Line	6.60	8.44	127.92					
* Line118	Line	5.00	6.27	125.30					
* Line120	Line	2.30	2.97	129.02					
* Line121	Line	0.80	1.04	130.06					
* Line122	Line	1.80	2.30	127.84					
* Line123	Line	1.80	2.20	122.00					
* Line124	Line	0.40	0.55	137.99					
* Line125	Line	1.40	1.70	121.62					
* Line126	Line	1.40	1.69	120.69					
* Line127	Line	1.00	1.29	129.38					
* Line129	Line	80.00	81.12	101.40					
* Line130	Line	1.80	2.40	133.17					
* Line131	Line	78.20	78.98	100.99					
* Line132	Line	77.80	78.68	101.12					
* Line133	Line	75.20	75.70	100.67					
* Line134	Line	75.20	75.72	100.69					
* Line136	Line	72.60	72.92	100.44					
* Line137	Line	2.10	2.66	126.62					
Line138	Line	70.50	70.47	99.95					
Line139	Line	70.50	70.48	99.96					
* Line141	Line	0.60	0.71	117.62					
* Line142	Line	0.60	0.72	119.46					
* Line143	Line	0.50	0.65	129.44					
* Line144	Line	0.50	0.65	130.42					
* Line145	Line	15.30	19.46	127.22					
* Line146	Line	14.20	18.13	127.70					
* Line147	Line	0.50	0.64	127.42					
* Line148	Line	13.80	17.52	126.98					
* Line149	Line	13.00	16.62	127.88					
* Line150	Line	1.40	1.84	131.74					
* Line152	Line	10.80	13.76	127.40					
* Line153	Line	1.10	1.43	130.20					
* Line154	Line	0.70	0.91	130.58					

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ID	Type	Ampacity (Amp)	Loading Amp	%	Capability (MVA)	Loading (input)		Loading (output)	
						MVA	%	MVA	%
* Line155	Line	9.00	11.43	126.99					
* Line156	Line	6.00	7.67	127.81					
* Line157	Line	3.80	4.93	129.72					
* Line158	Line	3.30	4.22	127.77					
* Line159	Line	2.20	2.88	130.99					
* Line160	Line	0.60	0.73	121.49					
* Line161	Line	72.60	72.91	100.43					
* Line162	Line	16.00	20.15	125.92					
* Line163	Line	11.60	14.78	127.46					
* Line164	Line	1.80	2.32	128.68					
* Line165	Line	1.80	2.33	129.26					
* Line167	Line	1.60	2.04	127.34					
* Line168	Line	0.20	0.30	149.14					
Line169	Line	0.20	0.17	84.94					
* Line171	Line	1.40	1.78	127.41					
* Line172	Line	1.20	1.57	131.14					
* Line173	Line	0.20	0.23	114.91					
Line175	Line	54.20	54.13	99.86					
Line176	Line	54.20	54.16	99.93					
* Line177	Line	1.00	1.29	128.64					
Line178	Line	53.30	53.13	99.68					
Line179	Line	0.10	0.06	61.61					
Line180	Line	53.20	53.10	99.81					
* Line182	Line	53.20	67.89	127.60					
* Line183	Line	51.50	65.75	127.67					
* Line184	Line	16.20	20.73	127.94					
* Line185	Line	12.20	15.51	127.09					
* Line186	Line	12.20	15.51	127.13					
* Line187	Line	11.00	14.13	128.44					
* Line188	Line	4.60	5.85	127.12					
* Line189	Line	2.20	2.80	127.09					
* Line190	Line	2.20	2.81	127.94					
* Line191	Line	0.50	0.65	129.49					
* Line195	Line	1.10	1.40	127.27					
* Line196	Line	4.10	5.24	127.73					

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ID	Type	Ampacity (Amp)	Loading Amp	%	Capability (MVA)	Loading (input)		Loading (output)	
						MVA	%	MVA	%
* Line197	Line	3.00	3.73	124.23					
* Line198	Line	1.60	2.09	130.44					
* Line199	Line	1.00	1.30	129.62					
* Line200	Line	35.40	45.22	127.73					
* Line201	Line	2.00	2.54	127.21					
* Line202	Line	2.00	2.55	127.69					
* Line203	Line	33.50	42.77	127.67					
* Line204	Line	0.60	0.74	123.34					
* Line205	Line	33.00	42.06	127.45					
* Line206	Line	17.30	21.98	127.07					
* Line207	Line	3.40	4.31	126.73					
* Line208	Line	0.90	1.13	125.01					
* Line209	Line	13.80	17.69	128.20					
* Line210	Line	11.50	14.70	127.83					
* Line212	Line	2.60	3.23	124.34					
* Line213	Line	1.00	1.31	131.19					
* Line214	Line	0.60	0.74	123.01					
* Line215	Line	8.50	10.79	126.96					
* Line216	Line	6.10	7.71	126.38					
* Line217	Line	4.60	5.97	129.84					
* Line218	Line	4.10	5.29	129.04					
* Line219	Line	4.10	5.31	129.50					
* Line220	Line	1.10	1.43	130.00					
* Line221	Line	1.10	1.45	131.96					
* Line222	Line	1.90	2.45	129.16					
* Line223	Line	1.60	2.05	128.40					
* Line224	Line	0.30	0.42	138.77					
* Line225	Line	1.10	1.37	124.64					
* Line226	Line	1.30	1.68	129.17					
* Line227	Line	0.20	0.24	120.46					
* Line228	Line	1.10	1.45	131.99					
Line229	Line	0.20	0.16	78.87					
* Line230	Line	1.00	1.33	132.53					
* Line231	Line	15.80	20.13	127.41					
* Line232	Line	3.90	4.76	121.97					

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ID	Type	Ampacity (Amp)	Loading Amp	%	Capability (MVA)	Loading (input)		Loading (output)	
						MVA	%	MVA	%
* Line233	Line	2.20	2.90	131.71					
* Line234	Line	0.20	0.33	166.26					
* Line235	Line	2.00	2.57	128.40					
* Line236	Line	9.90	12.49	126.14					
* Line237	Line	8.50	10.84	127.48					
* Line238	Line	1.10	1.40	126.96					
* Line239	Line	7.00	9.05	129.29					
* Line240	Line	5.80	7.33	126.46					
* Line241	Line	5.00	6.32	126.48					
* Line242	Line	0.20	0.23	114.07					
* Line243	Line	3.10	3.93	126.70					
Line43	Line	0.10	0.03	28.27					
3en zaya	Transformer				0.063	0.035	55.9	0.035	55.3
abo hameed	Transformer				0.396	0.139	35.1	0.138	34.7
abo khadeer	Transformer				0.157	0.095	60.6	0.094	59.8
* abo omar	Transformer				0.031	0.042	134.0	0.041	130.6
abo shehab	Transformer				0.396	0.189	47.7	0.187	47.3
abo shehadeh	Transformer				0.157	0.040	25.5	0.040	25.4
abo tareq	Transformer				0.396	0.037	9.4	0.037	9.4
abu omar	Transformer				0.251	0.184	73.2	0.181	72.1
administration college	Transformer				0.251	0.059	23.6	0.059	23.5
agricultural project	Transformer				0.396	0.083	21.0	0.083	20.9
al bassateen	Transformer				0.396	0.168	42.4	0.166	42.0
al hafria	Transformer				0.157	0.074	47.4	0.074	46.8
al kafeer main	Transformer				0.063	0.010	15.7	0.010	15.7
al-3een	Transformer				0.396	0.076	19.1	0.076	19.1
al-aqapeh	Transformer				0.251	0.036	14.4	0.036	14.4
al-ashqar stone cutter	Transformer				0.396	0.070	17.8	0.070	17.7
al-battman	Transformer				0.063	0.050	79.5	0.049	78.1
al-daqnya	Transformer				0.157	0.130	82.7	0.128	81.3
al-hawooz 1	Transformer				0.251	0.139	55.3	0.137	54.7
al-helal	Transformer				0.157	0.132	84.3	0.130	82.8
al-hesba	Transformer				0.157	0.038	24.3	0.038	24.2
al-kharaz	Transformer				0.101	0.040	39.8	0.040	39.4
al-masa3eed	Transformer				0.157	0.132	84.1	0.130	82.6

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ID	Type	Ampacity (Amp)	Loading Amp	%	Capability (MVA)	Loading (input)		Loading (output)	
						MVA	%	MVA	%
al-mtalleh	Transformer				0.101	0.012	11.6	0.012	11.6
al-shareef	Transformer				0.396	0.090	22.7	0.090	22.6
al-thoghrah	Transformer				0.101	0.089	87.8	0.087	86.2
alBATTAH	Transformer				0.101	0.073	72.7	0.072	71.6
ALJALHOOM	Transformer				0.101	0.009	8.5	0.009	8.5
* ALMISHMAS	Transformer				0.157	0.157	100.1	0.154	97.9
alrass	Transformer				0.157	0.040	25.3	0.040	25.2
alrfaid	Transformer				0.157	0.150	95.3	0.146	93.3
amnawaqa2	Transformer				0.101	0.034	33.4	0.034	33.2
anabosa	Transformer				0.157	0.021	13.5	0.021	13.4
aqapeh main	Transformer				100.536	0.038	0.0	0.037	0.0
arciticular college	Transformer				0.251	0.069	27.5	0.069	27.3
ATOOF	Transformer				0.101	0.008	8.2	0.008	8.2
* AUU intersiction ZA	Transformer				0.040	0.076	191.2	0.075	190.4
beer al- basha	Transformer				0.251	0.098	39.0	0.097	38.7
burhan	Transformer				0.157	0.078	49.8	0.077	49.3
dawajen	Transformer				0.157	0.018	11.7	0.018	11.7
dewan	Transformer				0.251	0.119	47.4	0.118	46.9
dream land	Transformer				0.251	0.057	22.8	0.057	22.7
dream land 1	Transformer				0.396	0.044	11.2	0.044	11.2
dream land 2	Transformer				0.251	0.071	28.4	0.071	28.2
east jarpa	Transformer				0.101	0.087	86.2	0.085	84.6
east of raba	Transformer				0.157	0.052	33.4	0.052	33.1
eastern al-maghura	Transformer				0.157	0.077	49.3	0.077	48.8
eastren al-jalquoua	Transformer				0.101	0.024	24.1	0.024	24.0
eastren aqapa	Transformer				0.251	0.144	57.5	0.143	56.8
eastren beer basha	Transformer				0.157	0.075	47.6	0.074	47.1
eastren maslya	Transformer				0.251	0.087	34.7	0.087	34.5
eastren zababde	Transformer				0.396	0.117	29.6	0.116	29.4
eastren zawya	Transformer				0.101	0.018	17.7	0.018	17.6
esfalt	Transformer				0.396	0.001	0.3	0.001	0.3
essawi	Transformer				0.157	0.023	14.4	0.022	14.3
farah	Transformer				0.251	0.079	31.3	0.078	31.1
faysel well	Transformer				0.396	0.119	30.2	0.119	29.9
first of the town	Transformer				0.157	0.101	64.2	0.099	63.3

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CKT / Branch		Cable & Reactor			Transformer				
ID	Type	Ampacity (Amp)	Loading Amp	%	Capability (MVA)	Loading (input)		Loading (output)	
						MVA	%	MVA	%
gas station	Transformer				0.157	0.063	39.9	0.062	39.5
grand plaza DL	Transformer				0.157	0.056	36.0	0.056	35.7
hafreya	Transformer				0.063	0.036	57.8	0.036	57.3
HAKIM	Transformer				0.039	0.013	32.2	0.013	32.1
hawooz aqapa	Transformer				0.157	0.023	14.8	0.023	14.7
huseen al araj	Transformer				0.157	0.035	22.4	0.035	22.3
jarpa main	Transformer				0.251	0.094	37.6	0.094	37.3
karag	Transformer				0.157	0.114	72.9	0.113	71.7
kasaret abo asaad	Transformer				0.251	0.072	28.6	0.071	28.4
kazeya	Transformer				0.251	0.105	41.6	0.104	41.3
kazeyt samara	Transformer				0.251	0.022	8.7	0.022	8.7
keshda main	Transformer				0.031	0.003	10.7	0.003	10.7
khalet al qaser 1	Transformer				0.251	0.231	91.9	0.225	89.8
khalet al qaser 2	Transformer				0.396	0.070	17.8	0.070	17.7
khalt el looz	Transformer				0.101	0.004	4.1	0.004	4.1
khrrpet aisha	Transformer				0.031	0.002	6.1	0.002	6.1
mahajeer 1	Transformer				0.396	0.014	3.4	0.014	3.4
mahta	Transformer				0.251	0.191	76.0	0.188	74.8
main om toot	Transformer				0.251	0.062	24.6	0.061	24.4
malhamah	Transformer				0.396	0.010	2.5	0.010	2.5
mamdooh	Transformer				0.251	0.077	30.9	0.077	30.6
manasheer meselya	Transformer				0.396	0.039	9.8	0.039	9.8
manasheer ZA	Transformer				157.087	0.019	0.0	0.019	0.0
marah karas	Transformer				0.063	0.026	41.3	0.026	40.9
masalya	Transformer				0.063	0.045	71.7	0.044	70.7
masria	Transformer				0.063	0.038	60.8	0.038	60.0
masriya	Transformer				0.396	0.092	23.3	0.092	23.2
mass stone	Transformer				0.396	0.022	5.5	0.022	5.5
* mass stones	Transformer				0.040	0.070	177.5	0.070	176.7
MAWAFAQ FAKHRY	Transformer				0.396	0.086	21.7	0.085	21.6
mawfak al-fakhry	Transformer				0.396	0.076	19.2	0.076	19.1
middle jalqumya	Transformer				0.251	0.080	31.9	0.079	31.6
middle of raba	Transformer				0.157	0.054	34.5	0.054	34.2
middle zababdeh	Transformer				0.251	0.137	54.5	0.135	53.9
midecin	Transformer				0.396	0.064	16.2	0.064	16.2

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CKT / Branch		Cable & Reactor			Transformer				
ID	Type	Ampacity (Amp)	Loading Amp	%	Capability (MVA)	Loading (input)		Loading (output)	
						MVA	%	MVA	%
midical harps	Transformer				0.101	0.025	25.2	0.025	25.0
mo2ayad fridges	Transformer				0.226	0.074	32.9	0.074	32.7
mohafada	Transformer				0.157	0.035	22.2	0.035	22.1
mohammad al basher	Transformer				0.396	0.318	80.2	0.311	78.6
national security	Transformer				0.101	0.080	78.8	0.078	77.6
* old station	Transformer				0.251	0.343	136.7	0.334	133.2
pickle factory	Transformer				0.251	0.070	28.0	0.070	27.8
plastic factory	Transformer				0.157	0.029	18.7	0.029	18.6
police	Transformer				0.157	0.056	36.0	0.056	35.7
princec palce	Transformer				0.157	0.076	48.6	0.076	48.2
rahwa	Transformer				0.251	0.047	18.7	0.047	18.6
rahwa.	Transformer				0.063	0.047	75.5	0.047	74.2
RAS AL-MATTALEH	Transformer				0.101	0.017	16.7	0.017	16.6
refat	Transformer				0.251	0.087	34.6	0.086	34.3
refat 2	Transformer				0.251	0.087	34.6	0.086	34.3
registration bulding	Transformer				0.396	0.094	23.8	0.094	23.6
royal	Transformer				0.396	0.087	21.8	0.086	21.8
safeena	Transformer				0.251	0.061	24.3	0.061	24.2
safya north	Transformer				0.157	0.027	17.2	0.027	17.2
salhab	Transformer				0.063	0.007	11.6	0.007	11.6
sameeh abo khezaran	Transformer				0.251	0.012	4.9	0.012	4.9
sameeh.	Transformer				0.157	0.020	12.7	0.020	12.7
sameer motlaq	Transformer				0.251	0.111	44.3	0.110	43.9
school	Transformer				0.251	0.032	12.6	0.032	12.6
school.	Transformer				0.157	0.139	88.8	0.137	87.2
sefferya zababdeh	Transformer				0.157	0.068	43.5	0.068	43.1
shcool maraqa	Transformer				0.251	0.096	38.1	0.095	37.8
shcool zababdeh	Transformer				0.157	0.103	65.6	0.102	64.7
shereen	Transformer				0.101	0.036	35.4	0.035	35.1
span	Transformer				0.063	0.009	14.7	0.009	14.7
sport stidium 1	Transformer				0.628	0.063	10.1	0.063	10.0
sport stidium 2	Transformer				0.628	0.063	10.1	0.063	10.0
stadium	Transformer				0.157	0.055	35.2	0.055	34.9
stone cutter	Transformer				157.087	0.030	0.0	0.030	0.0
* T1	Transformer				0.396	0.432	109.1	0.431	108.8

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CKT / Branch		Cable & Reactor			Transformer				
ID	Type	Ampacity (Amp)	Loading Amp	%	Capability (MVA)	Loading (input)		Loading (output)	
						MVA	%	MVA	%
* T2	Transformer				0.396	0.432	109.2	0.431	109.0
T3	Transformer				0.396	0.385	97.3	0.384	97.0
T4	Transformer				15.709	5.715	36.4	5.620	35.8
* T6	Transformer				0.251	0.255	101.8	0.254	101.4
* T7	Transformer				0.396	0.474	119.6	0.473	119.4
* T8	Transformer				0.396	0.432	109.1	0.431	108.8
T63	Transformer				0.396				
tayseer main	Transformer				157.087	0.137	0.1	0.134	0.1
thiab	Transformer				0.396	0.114	28.7	0.113	28.5
* tlfeet	Transformer				0.063	0.076	120.5	0.074	118.3
tneen main	Transformer				0.101	0.030	30.0	0.030	29.9
toop factory	Transformer				0.251	0.091	36.1	0.090	35.9
tubas hospital 2	Transformer				0.396	0.154	39.0	0.153	38.6
tubas weel	Transformer				0.157	0.146	92.9	0.143	90.9
tubas well	Transformer				0.251	0.018	7.2	0.018	7.2
tupas hospital 1	Transformer				0.396	0.001	0.3	0.001	0.3
wadi al efsha	Transformer				0.031	0.008	26.4	0.008	26.3
wadi d3oqa	Transformer				0.063	0.020	32.5	0.020	32.2
wastren al-maghayer	Transformer				0.157	0.082	52.2	0.081	51.6
water pumb	Transformer				0.251	0.013	5.3	0.013	5.3
* weastern	Transformer				0.157	0.258	164.5	0.249	158.8
weel	Transformer				0.396	0.050	12.6	0.050	12.6
weels	Transformer				0.396	0.248	62.5	0.244	61.6
well	Transformer				0.251	0.100	39.7	0.099	39.3
west 1 AUU	Transformer				0.251	0.076	30.3	0.076	30.1
west 2 AUU	Transformer				0.396	0.064	16.2	0.064	16.2
westren jalqnosa	Transformer				0.101	0.046	45.5	0.046	45.1
westren maslya	Transformer				0.251	0.073	29.2	0.073	29.0
westren zababdeh	Transformer				0.251	0.084	33.4	0.083	33.1
westren zayah 2	Transformer				0.157	0.025	15.8	0.025	15.8
westwern aqapa	Transformer				0.251	0.145	57.8	0.143	57.0
yaseed east	Transformer				0.157	0.013	8.3	0.013	8.3
yaseed west	Transformer				0.157	0.009	5.4	0.009	5.4
zakarnch 1	Transformer				0.396	0.001	0.3	0.001	0.3

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

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