

Availability at Daily Maximum Demand Hour

ST-Coal	3,080 MW
ST-Gas	0 MW
ST-Oil	0 MW
Gas	4,095 MW
Hydro	1,755 MW
Distillate	0 MW
Total TNB	8,930 MW
Total IPP	9,537 MW
Total Co-Gen	0 MW
Total System	19,031 MW

Generation Mix

Type	MWh	Percentage
ST-Coal	59,493	20.61 %
Gas	41,773	14.47 %
Hydro	10,437	3.62 %
Total TNB	111,703	38.70 %
ST-Coal	88,218	30.57 %
Gas	85,359	29.57 %
Total IPP	173,577	60.14 %
Co-Gen	1,602	0.56 %
Total Co-Gen	1,602	0.56 %
Total Generation	286,882	99.40 %
PLTG	-1,038	-0.36 %
HVDC	-702	-0.24 %
Interconnection	-1,740	-0.60 %
Net Energy	288,622	100.00 %

Maximum Demand Record

Date: 6/11/2014	16,901 MW
Date: 6/24/2014	355,911 MWH

Set On Bus, TNB, IPP And MD

Daily Maximum Demand Hour at:	21:30:00 Hour
Total Set On Bus	14,736 MW
TNB Generation	5,569 MW
IPP Generation	8,061 MW
Spinning Reserve	1,041 MW
Maximum Demand	13,774 MW
Net Energy	288,622 MWH
Load Factor	87.31 %

Fuel Cost

Total Cost:	35,832,573.98 RM
Cost per Unit	12.96 cents/kWH

Average Spinning Reserve During Peak Hour

Type	MW
GT	286
Hydro	299
Syncon	499
Thermal	0
Total	1,084

Time	Weather	Temperature
Afternoon	Hot	33
Morning	Cloudy	27

Gas Usage

Station	(mmsefd)
GLGR	55
PAKA	46
PGGS	3
PGPS	39
SRDG	9
TJGS	162
Total TNB	313
KLPP	96
MPSS	3
PDPS	8
PGLA	115
PLPS	74
SGB3	89
SGRI	98
YPGS	70
YPKA	106
Total IPP	657
Total Gas	970
Total Gas Required	970

Alternate Fuel Usage

Station	(mmsefd)
Total	0

Hourly System MW Generation

	00:00	01:00	02:00	03:00	04:00	05:00	06:00	07:00	08:00	09:00	10:00	11:00	12:00	13:00	14:00	15:00	16:00	17:00	18:00	19:00	20:00	21:00	22:00	23:00
System Total	13042	12647	12077	11572	11285	11095	11111	10797	10368	10736	11387	11844	11877	11821	12056	12173	12165	12158	11837	12146	13577	13722	13549	13213

Daily MW Generation on Sunday

Station	Unit	0000	0100	0200	0300	0400	0500	0600	0700	0800	0900	1000	1100	1200	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300																										
PCUF	CUFG	40	39	39	41	40	39	40	41	40	40	39	41	42	41	41	42	42	42	41	39	39	38	37	38	37	38	37	36	35	38	35	35	35	36	36	38	38	36	36	35	36	36	36	35	36	36	37	37		
PCUF	CUFK	27	28	29	30	30	29	29	30	28	30	29	30	29	29	28	29	30	29	28	29	28	30	29	30	29	29	30	29	27	28	29	25	27	28	28	28	28	28	27	30	27	26	25	26	29	31	31	28	28	
Total Co-Gen		67	67	68	71	70	68	69	70	69	70	69	69	70	71	69	70	72	71	70	70	67	69	67	67	67	66	68	66	63	63	67	60	62	63	64	64	66	65	66	63	61	61	62	65	66	67	65	65		
Total Gen		12955	12591	12489	12183	12017	11849	11487	11383	11217	11172	11059	10944	10966	10998	10815	10409	10234	10544	10697	11069	11273	11567	11741	11902	11759	11839	11732	11885	11957	12119	12139	12211	12146	12191	12166	11894	11806	11871	12117	12938	13493	13654	13684	13695	13521	13307	13147	12848		
TIE-EGAT		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
TIE-HVDC		-29	-29	-29	-29	-29	-29	-29	-29	-30	-30	-30	-30	-29	-29	-29	-29	-29	-30	-30	-29	-29	-29	-30	-30	-29	-29	-30	-30	-29	-29	-29	-29	-29	-29	-29	-29	-29	-29	-29	-29	-30	-30	-29	-29	-30	-30	-29	-29		
TIE-PLTG		-58	-161	-128	-120	-32	14	-56	-94	-39	-20	-6	-38	-115	0	47	-26	-105	-37	-10	-39	-84	-59	-74	-26	-89	-26	-59	-50	-70	-41	-5	-18	10	-31	-24	-22	-1	-73	0	-44	-55	-12	-14	-50	1	-12	-36	-90		
Interconnection		-87	-190	-158	-149	-60	-15	-85	-123	-68	-49	-36	-68	-145	-28	18	-55	-134	-66	-39	-69	-114	-88	-103	-56	-89	-79	-99	-70	-34	-47	-19	-60	-52	-51	-31	-102	-29	-73	-84	-42	-44	-79	-28	-41	-66	-119				
System Total		13042	12781	12647	12332	12077	11864	11572	11506	11285	11221	11095	11012	11111	11026	10797	10464	10368	10610	10736	11138	11387	11655	11844	11958	11877	11895	11821	11964	12056	12189	12173	12258	12165	12251	12158	11945	11837	11973	12146	13011	13577	13696	13728	13774	13549	13348	13213	12967		
SRev ST-Coal		57	70	10	145	143	122	136	143	154	144	135	229	214	248	216	209	112	141	162	95	100	112	19	4	89	18	44	30	40	26	23	-9	-93	-70	-73	14	10	26	199	-6	-128	-173	41	28	-36	30	25	5		
SRev OCGT-Gas		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	30	-2	42	22	-1	-10	0	0	0	0	0	0	0	0	24	35	-8	-4	-5	-7	119	0	0
SRev CCGT-Gas		347	332	399	436	264	475	800	885	1039	1103	1199	1259	1252	947	1150	1296	1287	900	797	866	648	485	563	370	337	214	333	227	193	210	383	337	464	407	476	502	595	630	593	527	227	201	186	166	69	148	117	45		
SRev ST-Gas		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
SRev Co-Gen		-23	-23	-24	-27	-26	-24	-25	-26	-25	-26	-25	-25	-26	-27	-25	-26	-28	-27	-26	-26	-23	-25	-23	-23	-23	-22	-24	-22	-19	-19	-23	-16	-18	-19	-20	-20	-22	-21	-22	-19	-17	-17	-18	-21	-22	-23	-21	-21		
Syncon		625	625	575	575	575	575	424	575	575	575	575	575	726	726	726	726	726	726	640	640	554	454	454	554	554	554	554	554	453	453	453	302	453	453	453	453	539	539	388	388	388	625	625	625	625	625	812			
Hydro		164	119	219	218	221	246	371	233	233	225	250	211	61	109	119	112	100	94	111	121	115	245	194	223	210	217	254	251	236	292	293	220	385	224	244	218	219	289	353	523	500	562	372	248	336	352	324	102		
S.Reserve Total		1170	1123	1179	1347	1177	1394	1706	1810	1976	2021	2134	2249	2227	2003	2186	2317	2197	1834	1770	1696	1480	1371	1207	1028	1167	981	1191	1038	1046	984	1128	975	1040	995	1080	1167	1255	1463	1662	1437	1005	953	1202	1041	1037	1251	1070	943		