

Availability at Daily Maximum Demand Hour

ST-Coal	1,380 MW
ST-Gas	0 MW
ST-Oil	0 MW
Gas	4,024 MW
Hydro	1,835 MW
Distillate	0 MW
Total TNB	7,239 MW
Total IPP	10,866 MW
Total Co-Gen	0 MW
Total System	18,675 MW

Generation Mix

Type	MWh	Percentage
ST-Coal	38,081	14.97 %
Gas	41,902	16.47 %
Hydro	10,276	4.04 %
Total TNB	90,259	35.47 %
ST-Coal	107,546	42.27 %
Gas	55,115	21.66 %
Total IPP	162,661	63.93 %
Co-Gen	1,237	0.49 %
Total Co-Gen	1,237	0.49 %
Total Generation	254,157	99.88 %
PLTG	420	0.17 %
HVDC	-714	-0.28 %
Interconnection	-294	-0.12 %
Net Energy	254,451	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:	20:00:00 Hour
Total Set On Bus	13,371 MW
TNB Generation	4,573 MW
IPP Generation	7,662 MW
Spinning Reserve	1,085 MW
Maximum Demand	12,362 MW
Net Energy	254,451 MWH
Load Factor	85.76 %

Fuel Cost

Total Cost:	29,500,153.40 RM
Cost per Unit	12.09 cents/kWH

Average Spinning Reserve During Peak Hour

Type	MW
GT	247
Hydro	189
Syncon	474
Thermal	275
Total	1,185

Time	Weather	Temperature
Afternoon	Sunny	32
Morning	Cloudy	28

Gas Usage

Station	(mmscfd)
GLGR	60
SRDG	14
TJGS	223
Total TNB	297
KLPP	102
PDPS	5
PKLG	4
PLPS	73
PTEK	1
SGRI	172
SKSP	8
YPGS	25
YPKA	49
Total IPP	438
Total Gas	735

Total Gas Required 735

Alternate Fuel Usage

Station	(mmscfd)
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	11415	11006	10640	10335	10064	9932	9899	9642	9087	9434	9869	10187	10318	10374	10384	10437	10634	10667	10676	10922	12362	12254	11961	11849

Daily MW Generation on Friday

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																									
TIE-PLTG		38	32	67	28	12	-41	30	-39	7	38	-18	8	37	31	69	-11	53	42	43	15	2	-14	54	27	18	-57	57	45	13	42	22	14	6	67	18	-29	34	34	1	14	-47	-17	43	54	11	34	-34	-11	
Interconnection		10	3	38	-1	-17	-70	1	-68	-22	8	-47	-21	8	2	40	-40	24	13	15	-14	-27	-44	25	-2	-11	-86	28	15	-16	13	-7	-15	-24	38	-12	-58	-27	5	-28	-15	-76	-47	13	25	-19	5	-64	-40	
System Total		11415	11174	11006	10723	10640	10489	10335	10043	10064	9934	9932	9854	9899	9820	9642	9472	9087	9316	9434	9644	9869	10150	10187	10339	10318	10403	10374	10260	10384	10414	10437	10595	10634	10639	10667	10741	10676	10637	10922	11423	12362	12291	12254	12176	11961	11945	11849	11912	
SRev ST-Coal		24	45	43	33	30	9	304	368	387	382	389	349	406	488	563	613	578	662	665	627	313	290	360	344	230	191	197	204	202	186	254	193	328	340	273	137	27	31	69	148	44	20	19	43	16	-23	15		
SRev OCGT-Gas		107	48	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	56	199	140	144	148	149	180	180	180	180	
SRev CCGT-Gas		174	119	92	264	96	106	176	50	70	130	52	90	156	153	203	180	256	344	330	214	89	87	90	103	96	213	216	96	233	237	280	183	140	125	83	139	574	372	574	436	357	341	266	291	395	125	153	77	
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		25	25	23	23	23	22	23	23	23	22	23	22	22	25	21	23	24	21	23	22	23	25	25	24	27	27	28	28	28	28	28	28	28	26	26	27	25	25	25	26	25	25	26	27	25	23	22	21	
Syncon		719	719	719	719	719	568	719	719	568	568	719	719	618	467	618	568	719	719	719	719	568	568	618	618	618	467	316	619	468	469	469	417	568	568	568	568	0	618	618	536	151	151	151	151	453	536	618	618	
Hydro		129	128	126	133	128	252	133	115	68	79	74	81	81	281	168	254	129	124	124	117	246	227	39	41	95	231	280	96	199	99	98	241	165	148	111	111	367	149	89	263	264	318	390	429	249	155	88	80	
S.Reserve Total		1178	1084	1003	1172	996	978	1060	1211	1097	1187	1249	1302	1226	1329	1502	1586	1740	1789	1856	1738	1552	1218	1062	1147	1177	1168	1030	1036	1132	1035	1061	1123	1094	1195	1128	1118	1103	1191	1393	1529	1085	1023	1001	1066	1345	1035	1038	991	