

Availability at Daily Maximum Demand Hour

ST-Coal	3,080 MW
ST-Gas	0 MW
ST-Oil	0 MW
Gas	3,742 MW
Hydro	1,840 MW
Distillate	0 MW
Total TNB	8,662 MW
Total IPP	9,377 MW
Total Co-Gen	0 MW
Total System	18,039 MW

Generation Mix

Type	MWh	Percentage
ST-Coal	68,705	20.41 %
Gas	71,872	21.35 %
Hydro	17,007	5.05 %
Total TNB	157,584	46.80 %
ST-Coal	74,795	22.21 %
ST-Gas	4,423	1.31 %
ST-Oil	5,903	1.75 %
Gas	93,354	27.73 %
Total IPP	178,475	53.01 %
Co-Gen	1,386	0.41 %
Total Co-Gen	1,386	0.41 %
Total Generation	337,445	100.23 %
PLTG	29	0.01 %
HVDC	729	0.22 %
Interconnection	758	0.23 %
Net Energy	336,687	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:	14:30:00 Hour
Total Set On Bus	17,418 MW
TNB Generation	7,839 MW
IPP Generation	8,410 MW
Spinning Reserve	1,118 MW
Maximum Demand	16,257 MW
Net Energy	336,687 MWH
Load Factor	86.29 %

Fuel Cost

Total Cost:	53,133,165.39 RM
Cost per Unit	16.58 cents/kWH

Average Spinning Reserve During Peak Hour

Type	MW
GT	346
Hydro	277
Syncon	429
Thermal	189
Total	1,241

Time Weather Temperature

Afternoon	Cloudy	35
Morning	Cloudy	25

Gas Usage

Station	(mmscfd)
CBPS	22
CBPS	47
GLGR	56
PAKA	150
PGGS	9
PGPS	42
SRDG	21
TJGS	220
Total TNB	567

KLPP	4
MPSS	52
PDPS	26
PGLA	117
PKLG	24
PLPS	102
PTEK	32
SGB3	92
SGRI	181
SKSP	0
YPKA	124
PKLG	43
Total IPP	797
Total Gas	1,363

Total Gas Required 1,422

Alternate Fuel Usage

Station	(mmscfd)
PKLG	59
Total	59

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	13476	12794	12468	12039	11791	11610	11650	11725	12293	14188	14971	15686	15677	15547	15970	16181	16177	15677	14500	14352	14904	14787	14175	13887

Daily MW Generation on Tuesday

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
SGB3	GT31	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SGB3	GT32	117	117	118	121	120	72	72	72	72	72	72	72	72	110	140	140	140	140	140	140	140	140	140	140
SGB3	GT33	105	105	105	105	105	65	65	65	65	65	65	65	65	67	67	67	67	67	67	67	67	67	67	67
SGB3	ST34	137	137	137	137	137	104	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
SGRI	GT12	110	110	111	115	152	111	117	126	125	110	110	110	111	120	120	120	120	120	120	120	120	120	120	120
SGRI	GT13	109	109	111	109	132	110	115	120	120	110	110	110	109	114	114	114	140	140	140	140	140	140	140	140
SGRI	GT21	127	137	132	132	132	132	132	132	132	132	132	132	132	132	132	132	132	132	132	132	132	132	132	132
SGRI	GT22	129	136	136	136	136	136	136	136	136	136	136	136	136	136	136	136	136	136	136	136	136	136	136	136
SGRI	GT23	124	70	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SGRI	ST14	135	136	136	141	148	132	140	139	138	134	134	132	132	136	136	136	136	136	136	136	136	136	136	136
SGRI	ST24	215	199	150	148	148	148	148	148	148	148	148	147	147	150	150	150	150	160	230	230	230	230	230	230
SKSP	BLK1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TJGS	GT1A	220	224	219	218	222	220	219	219	222	208	199	195	213	213	217	210	221	221	221	220	216	217	218	218
TJGS	GT1B	214	213	216	217	216	210	218	216	212	201	191	189	204	206	206	203	215	223	223	219	219	219	219	219
TJGS	GT2A	219	218	214	218	218	205	219	218	217	206	187	190	206	209	204	199	219	219	219	219	217	214	214	214
TJGS	GT2B	216	217	211	213	216	201	216	216	215	201	183	184	203	204	199	196	220	220	220	220	218	218	216	216
TJGS	ST1C	258	252	256	256	252	249	256	256	252	230	231	227	235	244	251	240	247	257	257	257	257	257	257	257
TJGS	ST2C	261	257	261	262	262	251	261	261	259	244	242	239	244	253	255	244	256	264	264	264	264	264	264	264
YPKA	BLK1	358	359	359	359	359	360	360	360	360	360	360	360	360	360	360	360	360	360	360	360	360	360	360	360
YPKA	BLK2	382	383	383	384	384	384	384	384	384	385	385	384	384	384	384	382	382	378	378	380	377	377	377	377
Total CCGT-Gas		6356	6119	5882	5742	5751	5499	5475	5378	5365	5259	5197	5183	5263	5313	5306	5315	5996	6565	7148	7168	7156	7144	7137	7127
CBPS	GT03	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
CBPS	GT06	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
PDPS	GT01	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
PDPS	GT02	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
PDPS	GT03	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
PDPS	GT04	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
PGGS	GT6B	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
PKLG	GT08	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
PKLG	GT09	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
PTEK	GT1A	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
PTEK	GT1B	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
PTEK	GT2A	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
PTEK	GT2B	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SRDG	GT04	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SRDG	GT05	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total 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
BSIA	HY01	22	21	22	22	10	11	11	11	11	10	10	11	11	10	10	10	10	10	10	10	10	10	10	10
BSIA	HY02	23	23	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
BSIA	HY03	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
CEND	HY01	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
CEND	HY02	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9
CEND	HY03	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9
CEND	HY04	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8
KNRG	HY01	36	36	36	37	24	23	23	23	23	23	23	23	23	23	23	23	23	23	23	23	23	23	23	23
KNRG	HY02	37	37	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
KNRG	HY03	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

