

Availability at Daily Maximum Demand Hour

ST-Coal	2,390 MW
ST-Gas	0 MW
ST-Oil	0 MW
Gas	4,158 MW
Hydro	1,826 MW
Distillate	0 MW
<b>Total TNB</b>	<b>8,374 MW</b>
<b>Total IPP</b>	<b>10,149 MW</b>
<b>Total Co-Gen</b>	<b>20 MW</b>
<b>Total System</b>	<b>19,113 MW</b>

Generation Mix

Type	MWh	Percentage
ST-Coal	50,456	15.95 %
Gas	65,566	20.73 %
Hydro	13,980	4.42 %
<b>Total TNB</b>	<b>130,002</b>	<b>41.10 %</b>
ST-Coal	112,931	35.71 %
Gas	72,543	22.94 %
<b>Total IPP</b>	<b>185,474</b>	<b>58.64 %</b>
Co-Gen	245	0.08 %
<b>Total Co-Gen</b>	<b>245</b>	<b>0.08 %</b>
<b>Total Generation</b>	<b>315,721</b>	<b>99.82 %</b>
PLTG	-560	-0.18 %
EGAT	-3	0.00 %
<b>Interconnection</b>	<b>-563</b>	<b>-0.18 %</b>
<b>Net Energy</b>	<b>316,284</b>	<b>100.00 %</b>

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	16,918 MW
TNB Generation	6,222 MW
IPP Generation	9,197 MW
Spinning Reserve	1,489 MW
Maximum Demand	15,481 MW
Net Energy	316,284 MWH
Load Factor	85.13 %

Fuel Cost

Total Cost:	41,589,426.65 RM
Cost per Unit	13.77 cents/kWH

Average Spinning Reserve During Peak Hour

Type	MW
GT	585
Hydro	431
Syncon	397
Thermal	96
<b>Total</b>	<b>1,509</b>

Time Weather Temperature

Afternoon	Hot	31
Morning	Sunny	27

Gas Usage

Station	(mmscfd)
CBPS	7
CBPS	47
GLGR	54
NPRI	23
PAKA	140
PGGS	12
SRDG	11
TJGS	216
<b>Total TNB</b>	<b>509</b>

Alternate Fuel Usage

Station	(mmscfd)
<b>Total</b>	<b>0</b>

KLPP	113
MPSS	18
PDPS	19
PGLA	14
PKLG	9
PLPS	94
PTEK	20
SGB3	59
SGRI	193
SKSP	51
<b>Total IPP</b>	<b>590</b>
<b>Total Gas</b>	<b>1,099</b>
<b>Total Gas Required</b>	<b>1,099</b>

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	11865	11313	10834	10534	10435	10292	10494	10611	11455	13468	14362	15097	15108	14758	15300	15435	15393	15047	14041	14431	14575	14342	13692	13213



**Daily MW Generation on Wednesday**

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	GT32	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	GT33	121	143	125	144	126	121	137	119	153	127	121	142	143	143	131	144	123	116	141	100	134	114	124	140	
SGB3	ST34	63	67	60	68	64	64	60	64	60	60	68	61	61	66	67	67	67	71	130	150	130	138	146	129	
SGRI	GT11	122	42	0	0	0	0	0	0	0	0	0	0	0	8	142	107	138	137	137	137	134	108	108	127	
SGRI	GT12	127	155	154	125	111	111	111	111	110	113	154	116	125	123	111	111	125	111	145	144	145	153	155	113	
SGRI	GT13	124	136	134	118	111	108	111	110	109	109	109	110	133	111	111	111	110	110	115	114	135	135	135	135	
SGRI	ST14	204	190	149	137	133	134	132	131	137	133	134	133	148	136	142	141	141	139	201	196	220	219	220	219	
SGRJ	GT21	117	135	133	132	114	114	62	62	62	62	62	62	62	62	107	134	134	131	131	131	131	131	131	131	
SGRI	GT22	122	134	135	136	111	111	66	66	65	65	65	65	65	65	65	65	65	65	110	135	135	135	135	135	
SGRI	GT23	119	139	139	139	114	114	65	65	63	63	63	63	63	63	63	63	63	63	108	139	139	139	139	139	
SGRI	ST24	215	224	222	218	197	196	159	148	148	148	147	147	150	150	148	149	191	220	217	223	219	219	218	218	
SKSP	BLK1	345	340	340	242	216	215	219	212	216	212	217	226	289	256	245	234	217	227	321	323	340	349	349	349	
TJGS	GT1A	228	228	228	226	209	195	201	196	199	200	134	141	139	176	180	176	222	222	208	224	224	221	221	221	
TJGS	GT1B	222	222	218	218	200	186	192	187	189	194	125	130	130	167	167	167	215	212	203	220	219	209	212	212	
TJGS	ST1C	258	258	254	254	254	225	238	223	223	223	205	183	183	207	207	207	245	249	242	257	257	257	253	253	
TJGS	GT2A	225	225	223	222	194	188	196	189	190	188	188	198	224	224	200	201	195	191	221	219	213	213	213	213	
TJGS	GT2B	221	221	219	219	190	186	193	185	186	183	190	193	222	218	197	198	188	188	222	222	209	212	210	210	
TJGS	ST2C	262	262	257	259	249	238	240	240	240	238	238	244	257	257	257	241	238	243	260	262	262	260	257	257	
Total CCGT-Gas		5262	5292	5103	4878	4612	4526	4301	4237	4223	4066	3948	3895	4104	4094	4050	4088	4583	4884	5529	5741	6161	6119	6362	6536	
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	
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	
PGGS	GT6A	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	
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	392	345	609	542	549	632	635
BSIA	HY01	11	11	11	11	11	12	11	11	11	11	12	12	12	11	11	11	11	11	11	11	11	11	11	11	
BSIA	HY02	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	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	10	10	10	10	10	10	9	9	10	10	10	9	10	9	10	10	10	10	9	9	10	10	10	10	
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	
HTRG	HY01	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	
KNRG	HY01	22	22	22	23	23	23	22	22	22	23	23	23	23	22	35	35	35	35	35	35	35	35	35	35	
KNRG	HY02	0	0	0	0	0	0	0	0	0	0	0	0	0	0	37	37	37	36	36	36	36	36	36	36	
KNRG	HY03	0	0	0	0	0	0	0	0	0	0	0	0	0	0	36	36	36	36	36	36	36	36	36	36	
KNYR	HY01	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	
KNYR	HY02	-1	0	0	0	0	0	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	
KNYR	HY03	0	0	0	0	0	0	0	0	0	0	0	0	0	0	95	95	94	0	0	0	0	0	0	0	
KNYR	HY04	58	59	57	63	63	63	63	56	61	60	61	62	66	67	67	66	68	57	98	97	98	81	98	98	
LPIA	HY01	23	23	23	23	23	23	23	23	23	23	23	23	23	23	23	23	23	23	23	23	23	23	23	23	

**Daily MW Generation on Wednesday**

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
LPIA	HY02	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16
MNOR	HY01	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6
PGAU	HY01	20	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1
PGAU	HY02	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1
PGAU	HY03	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1
PGAU	HY04	20	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SIHY	HY01	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50
SIHY	HY02	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50
SYPS	HY01	25	25	25	25	25	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SYPS	HY02	25	25	25	25	25	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SYPS	HY03	25	25	25	25	25	18	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SYPS	HY04	25	25	25	25	25	25	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TMGR	HY01	31	32	30	35	35	36	36	30	34	33	34	36	40	40	38	38	36	31	41	30	37	36	36	41
TMGR	HY02	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1
TMGR	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
TMGR	HY04	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1
UPIA	HY01	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4
UPIA	HY02	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4
Total Hydro		445	407	402	415	415	416	359	301	332	328	311	337	323	323	322	320	345	615	729	696	503	650	785	795
Total Distillate		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
PCUF	CUFG	1	1	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
PCUF	CUFK	4	6	7	7	8	8	9	7	8	7	8	8	8	8	7	8	8	7	7	8	8	8	8	8
Total Co-Gen		5	7	8	9	10	10	11	9	10	9	10	10	10	10	9	10	9	10	9	10	9	10	10	10
Total Gen		11869	11538	11258	11062	10804	10687	10457	10328	10378	10273	10204	10204	10404	10567	10600	10800	11478	12588	13480	14099	14334	14703	15048	15234
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
TIE-HVDC		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-PLTG		4	43	-55	-31	-30	-36	-77	40	-57	2	-88	-42	-90	-49	-11	-35	23	-19	12	57	-28	-67	-49	-29
Interconnection		4	43	-55	-31	-30	-36	-77	40	-57	2	-88	-42	-90	-49	-11	-35	23	-19	12	57	-28	-67	-49	-29
System Total		11865	11495	11313	11093	10834	10723	10534	10288	10435	10271	10292	10246	10494	10616	10611	10835	11455	12607	13468	14042	14362	14770	15097	15263
SRev ST-Coal		602	629	615	625	629	644	709	727	712	657	758	764	755	719	739	719	706	379	183	138	134	172	136	142
SRev OCGT-Gas		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	72	119	166	233	226	252
SRev CCGT-Gas		259	229	209	434	700	786	1081	1187	1201	1358	1509	1459	1250	1260	1304	1266	851	610	303	530	190	292	49	200
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
SRev Co-Gen		15	13	12	11	10	10	9	11	10	11	10	10	10	10	11	11	10	10	11	13	10	10	10	10
Syncon		677	737	737	737	737	737	737	687	687	688	687	838	838	838	838	838	536	424	525	525	525	525	525	525
Hydro		387	125	130	117	117	116	123	131	250	254	120	245	108	108	109	111	538	470	333	568	459	412	407	368
S.Reserve Total		1940	1733	1703	1924	2193	2293	2659	2793	2860	2967	3085	3165	2961	2935	3000	2945	2641	1893	1555	1642	1437	1577	1361	1371