

### Availability at Daily Maximum Demand Hour

ST-Coal	0 MW
ST-Gas	0 MW
ST-Oil	0 MW
Gas	3,235 MW
Hydro	2,109 MW
Distillate	0 MW
<b>Total TNB</b>	<b>5,344 MW</b>
<b>Total IPP</b>	<b>14,025 MW</b>
<b>Total Co-Gen</b>	<b>50 MW</b>
<b>Total System</b>	<b>19,419 MW</b>

### Generation Mix

Type	MWh	Percentage
Gas	40,085	13.66 %
Hydro	6,100	2.08 %
<b>Total TNB</b>	<b>46,185</b>	<b>15.74 %</b>
ST-Coal	169,688	57.85 %
Gas	77,274	26.34 %
<b>Total IPP</b>	<b>246,962</b>	<b>84.19 %</b>
Co-Gen	458	0.16 %
<b>Total Co-Gen</b>	<b>458</b>	<b>0.16 %</b>
<b>Total Generation</b>	<b>293,605</b>	<b>100.09 %</b>
PLTG	959	0.33 %
HVDC	-695	-0.24 %
<b>Interconnection</b>	<b>264</b>	<b>0.09 %</b>
<b>Net Energy</b>	<b>293,341</b>	<b>100.00 %</b>

### Maximum Demand Record

Date: 4/20/2016	17,788 MW
Date: 4/20/2016	372,457 MWH

### Set On Bus, TNB, IPP And MD

Daily Maximum Demand Hour at:	20:00:00 Hour
Total Set On Bus	15,579 MW
TNB Generation	2,484 MW
IPP Generation	11,383 MW
Spinning Reserve	1,692 MW
Maximum Demand	13,899 MW
Net Energy	293,341 MWH
Load Factor	87.94 %

### Fuel Cost

Total Cost:	39,150,994.25 RM
Cost per Unit	13.62 cents/kWH

### Average Spinning Reserve During Peak Hour

Type	MW
GT	475
Hydro	177
Syncon	1,076
Thermal	157
<b>Total</b>	<b>1,885</b>

Time	Weather	Temperature
Afternoon	Hot	32
Morning	Sunny	27

### Gas Usage

Station	(mmscfd)
CBPS	28
GLGR	52
SRDG	2
TJGS	205
<b>Total TNB</b>	<b>287</b>
CBPS	52
KLPP	85
MPSS	58
NPRI	124
PGLA	100
PLPS	46
SGRI	105
<b>Total IPP</b>	<b>570</b>
<b>Total Gas</b>	<b>857</b>
<b>Total Gas Required</b>	<b>857</b>

### Alternate Fuel Usage

Station	(mmscfd)
<b>Total</b>	<b>0</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	12686	12177	11710	11435	11171	10973	10899	10737	10493	11214	11897	12388	12352	12344	12619	12592	12699	12582	12316	13000	13899	13879	13522	13350







## 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																								
SRev OCGT-Gas		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	6	0	0	0	0																							
SRev CCGT-Gas		771	948	813	1099	1283	1400	1553	1692	1795	1900	1991	1980	1998	1990	1955	1919	1873	1653	1286	1129	892	708	564	562	573	587	689	606	442	397	656	491	557	610	672	832	1023	1051	486	418	281	290	243	284	384	304	334	563
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	
SRev Co-Gen		31	31	31	32	29	31	29	31	30	30	29	32	31	29	30	29	30	27	30	30	32	32	31	33	30	33	32	29	31	33	32	31	34	31	33	31	32	33	31	33	30	32	31	31	31	31	29	29
Syncon		1303	1177	1303	1152	1303	1303	1303	1303	1303	1303	1152	1303	1303	1303	1051	1051	1051	1051	1051	1051	1051	1051	1051	1051	1051	1051	1051	1051	1051	1051	1051	1051	1051	1051	1051	900	1051	1051	849	950	1051	1303	1177	1177	1177	1303	1305	
Hydro		132	239	111	262	119	131	132	133	132	132	262	134	132	127	125	262	133	126	130	130	130	131	127	128	130	127	131	114	114	150	150	150	152	149	108	115	245	113	94	235	263	289	274	298	242	171	110	111
S.Reserve Total		2335	2510	2414	2728	2892	3080	3180	3371	3477	3586	3644	3662	3678	3675	3899	3967	3942	3712	3353	2799	2470	2142	1989	2054	2060	1975	2071	1962	1793	1791	2051	1887	1959	1999	2026	2190	2357	2407	1817	1701	1682	1737	1895	1864	1907	1894	1901	2216