

### Availability at Daily Maximum Demand Hour

ST-Coal	0 MW
ST-Gas	0 MW
ST-Oil	0 MW
Gas	2,708 MW
Hydro	2,208 MW
Distillate	0 MW
<b>Total TNB</b>	<b>4,916 MW</b>
<b>Total IPP</b>	<b>14,211 MW</b>
<b>Total Co-Gen</b>	<b>70 MW</b>
<b>Total System</b>	<b>19,761 MW</b>

### Generation Mix

Type	MWh	Percentage
Gas	23,871	8.21 %
Hydro	11,002	3.79 %
<b>Total TNB</b>	<b>34,873</b>	<b>12.00 %</b>
ST-Coal	182,871	62.93 %
Gas	71,889	24.74 %
<b>Total IPP</b>	<b>254,760</b>	<b>87.67 %</b>
Co-Gen	1,552	0.53 %
<b>Total Co-Gen</b>	<b>1,552</b>	<b>0.53 %</b>
<b>Total Generation</b>	<b>291,185</b>	<b>100.20 %</b>
PLTG	-132	-0.05 %
HVDC	724	0.25 %
<b>Interconnection</b>	<b>592</b>	<b>0.20 %</b>
<b>Net Energy</b>	<b>290,593</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:	21:00:00 Hour
Total Set On Bus	15,247 MW
TNB Generation	2,194 MW
IPP Generation	11,660 MW
Spinning Reserve	1,326 MW
Maximum Demand	13,901 MW
Net Energy	290,593 MWH
Load Factor	87.10 %

### Fuel Cost

Total Cost:	48,258,211.50 RM
Cost per Unit	17.22 cents/kWH

### Average Spinning Reserve During Peak Hour

Type	MW
GT	382
Hydro	142
Syncon	989
Thermal	179
<b>Total</b>	<b>1,692</b>

### Time Weather Temperature

Afternoon	Sunny	35
Morning	Cloudy	28

### Gas Usage

Station	(mmscfd)
GLGR	51
PAKA	2
PGPS	24
SRDG	6
TJGS	100
<b>Total TNB</b>	<b>183</b>
CBPS	52
KLPP	71
MPSS	29
NPRI	141
PGLA	50
PLPS	47
PTEK	1
SGRI	150
<b>Total IPP</b>	<b>542</b>
<b>Total Gas</b>	<b>724</b>

**Total Gas Required 724**

### 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	12424	11975	11504	11195	11024	10909	11077	10858	10457	10863	11605	12182	12206	12237	12413	12575	12646	12431	12192	12516	13808	13901	13630	13340





### 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 Co-Gen		4	3	6	4	5	5	4	6	3	3	4	5	6	5	3	3	6	4	9	7	7	8	6	6	4	4	8	4	7	7	5	7	6	8	9	6	6	4	7	7	3	5	5	5	4	5		
Syncon		1164	1164	1164	1366	1454	1454	1454	1454	1454	1454	1454	1454	1454	1303	1353	1252	1252	1101	950	1101	1101	950	1101	1101	1101	1101	1101	1101	1101	1101	1101	1101	1101	1252	1252	1252	1353	849	849	849	849	662	511	552	552	552		
Hydro		59	48	71	60	67	66	66	103	102	101	102	100	99	228	61	63	68	106	192	59	61	189	60	60	65	65	61	63	84	87	84	126	125	129	128	134	136	122	105	304	191	165	171	381	489	228	266	238
S.Reserve Total		2315	2074	2194	2234	2587	2685	2862	2865	3034	3023	3126	3351	3055	2949	3013	3200	3500	3227	3211	2800	2477	2184	1943	1844	1870	1947	1885	1838	1846	1779	1712	1833	1741	1804	1960	2362	2466	2396	2243	1536	1490	1335	1326	1356	1442	1089	1211	1487