

### Availability at Daily Maximum Demand Hour

ST-Coal	0 MW
ST-Gas	0 MW
ST-Oil	0 MW
Gas	3,549 MW
Hydro	2,510 MW
Distillate	0 MW
<b>Total TNB</b>	<b>6,059 MW</b>
<b>Total IPP</b>	<b>14,736 MW</b>
<b>Total Co-Gen</b>	<b>0 MW</b>
<b>Total System</b>	<b>21,359 MW</b>

### Generation Mix

Type	MWh	Percentage
Gas	34,890	10.75 %
Hydro	23,177	7.14 %
<b>Total TNB</b>	<b>58,067</b>	<b>17.89 %</b>
ST-Coal	194,875	60.06 %
Gas	70,842	21.83 %
<b>Total IPP</b>	<b>265,717</b>	<b>81.89 %</b>
Co-Gen	1,684	0.52 %
<b>Total Co-Gen</b>	<b>1,684</b>	<b>0.52 %</b>
<b>Total Generation</b>	<b>325,468</b>	<b>100.30 %</b>
PLTG	254	0.08 %
HVDC	726	0.22 %
<b>Interconnection</b>	<b>980</b>	<b>0.30 %</b>
<b>Net Energy</b>	<b>324,488</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:	16:30:00 Hour
Total Set On Bus	16,506 MW
TNB Generation	3,431 MW
IPP Generation	11,951 MW
Spinning Reserve	1,058 MW
Maximum Demand	15,391 MW
Net Energy	324,488 MWH
Load Factor	87.85 %

### Fuel Cost

Total Cost:	44,580,917.80 RM
Cost per Unit	14.75 cents/kWH

### Average Spinning Reserve During Peak Hour

Type	MW
GT	303
Hydro	476
Syncon	504
Thermal	145
<b>Total</b>	<b>1,428</b>

Time	Weather	Temperature
Afternoon	Hot	35
Morning	Sunny	26

### Gas Usage

Station	(mmscfd)
GLGR	51
SRDG	4
TJGS	195
<b>Total TNB</b>	<b>251</b>
CBPS	30
KLPP	53
NPRI	143
PGLA	107
PLPS	36
PTEK	3
SGRI	139
<b>Total IPP</b>	<b>510</b>
<b>Total Gas</b>	<b>760</b>
<b>Total Gas Required</b>	<b>760</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	13056	12416	12064	11739	11346	11222	11333	11316	11600	12981	13874	14556	14585	14410	14744	15308	15384	15211	14238	14040	14984	14922	14470	14347





### 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																											
System Total		13056	12775	12416	12263	12064	11907	11739	11554	11346	11272	11222	11215	11333	11332	11316	11307	11600	12413	12981	13499	13874	14251	14556	14677	14585	14483	14410	14514	14744	14999	15308	15377	15384	15391	15211	14714	14238	13989	14040	14580	14984	14960	14922	14689	14470	14324	14347	14162			
SRev ST-Coal		121	63	295	16	46	45	24	32	43	22	34	26	-11	-50	38	-35	66	70	34	-27	209	120	141	135	150	159	151	158	163	174	170	170	163	154	173	133	172	156	165	157	150	163	164	180	172	189	182	147			
SRev 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	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 CCGT-Gas		675	608	673	811	1017	1142	1360	1452	1579	1786	1789	1811	1753	1779	1819	1855	1560	791	432	278	255	325	423	228	295	299	328	295	276	486	364	295	244	208	257	452	617	707	687	341	266	276	140	330	325	474	413	642			
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	0	0
SRev Co-Gen		-12	-17	-16	-19	-20	-19	-20	-20	-21	-22	22	-18	-21	-20	-18	-22	-18	-17	-20	-17	-15	-17	-16	-13	-11	-12	-12	-9	-9	-6	-9	-18	-17	-18	-18	-17	-19	-19	-19	-18	-20	-19	-16	-19	-18	-17	-18	-19			
Syncon		651	739	739	739	739	739	739	739	890	890	890	890	890	890	991	991	840	890	890	890	703	703	489	489	640	827	827	827	827	0	0	187	187	187	187	489	827	953	953	827	453	640	640	640	827	676	676	676			
Hydro		766	608	627	624	623	619	625	634	696	622	622	624	622	616	632	604	568	637	644	550	641	466	545	541	488	442	455	466	475	485	407	463	532	523	642	434	278	289	241	295	422	304	384	419	322	368	407	364			
S.Reserve Total		2201	2001	2318	2171	2405	2526	2728	2837	3036	3298	3313	3333	3233	3215	3361	3393	3167	2321	1980	1674	1793	1597	1582	1380	1562	1715	1749	1737	1529	1139	988	1100	1113	1058	1244	1552	1875	2086	2027	1602	1271	1364	1312	1550	1628	1690	1660	1810			