

### Availability at Daily Maximum Demand Hour

ST-Coal	0 MW
ST-Gas	0 MW
ST-Oil	0 MW
Gas	2,227 MW
Hydro	2,270 MW
Distillate	0 MW
<b>Total TNB</b>	<b>4,497 MW</b>
<b>Total IPP</b>	<b>16,988 MW</b>
Total Co-Gen	0 MW
<b>Total System</b>	<b>22,057 MW</b>

### Generation Mix

Type	MWh	Percentage
Gas	35,850	9.99 %
Hydro	8,584	2.39 %
<b>Total TNB</b>	<b>44,434</b>	<b>12.39 %</b>
ST-Coal	210,706	58.73 %
Gas	101,144	28.19 %
<b>Total IPP</b>	<b>311,850</b>	<b>86.92 %</b>
Co-Gen	1,403	0.39 %
<b>Total Co-Gen</b>	<b>1,403</b>	<b>0.39 %</b>
<b>Total Generation</b>	<b>357,687</b>	<b>99.70 %</b>
PLTG	-567	-0.16 %
HVDC	-510	-0.14 %
<b>Interconnection</b>	<b>-1,077</b>	<b>-0.30 %</b>
<b>Net Energy</b>	<b>358,764</b>	<b>100.00 %</b>

### Maximum Demand Record

Date: 4/12/2018	17,997 MW
Date: 4/12/2018	380,797 MWH

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

Daily Maximum Demand Hour at:	16:00:00 Hour
Total Set On Bus	18,017 MW
TNB Generation	2,615 MW
IPP Generation	14,140 MW
Spinning Reserve	1,204 MW
Maximum Demand	16,878 MW
Net Energy	358,764 MWH
Load Factor	88.57 %

### Fuel Cost

Total Cost:	60,806,385.89 RM
Cost per Unit	17.42 cents/kWH

### Average Spinning Reserve During Peak Hour

Type	MW
GT	358
Hydro	494
Syncon	760
Thermal	61
<b>Total</b>	<b>1,673</b>

### Time Weather Temperature

Time	Weather	Temperature
Afternoon	Rainy	29
Morning	Cloudy	24

### Gas Usage

Station	(mmscfd)
GLGR	50
TJGS	206
<b>Total TNB</b>	<b>256</b>
CBPS	50
KLPP	92
NPRI	149
PGLA	107
PLPS	95
SGRI	61
SKSP	49
YPKA	71
<b>Total IPP</b>	<b>674</b>
<b>Total Gas</b>	<b>930</b>
<b>Total Gas Required</b>	<b>930</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	14512	13833	13360	13005	12831	12574	12792	12824	13233	14857	15666	16434	16479	16105	16298	16854	16878	16539	15535	15456	16147	16036	15465	14980





### 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																											
SRev CCGT-Gas		1065	1117	1426	1751	1665	1884	2040	2199	2045	2170	2121	2071	1981	2009	2142	2181	1932	1092	558	476	649	253	280	238	363	173	336	221	199	265	195	166	146	166	349	456	471	1011	866	306	454	537	445	462	605	775	698	804			
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		-4	-26	-25	-23	-23	-24	-25	-24	-26	-23	-23	-26	-25	-26	-25	-26	-27	-28	-26	-25	-24	-26	-26	-26	-23	-24	-23	-23	-19	-19	-23	-22	-18	-13	-13	-13	-13	-14	-17	-23	-27	-26	-28	-26	-26	-21	-20				
Syncon		1224	1224	1224	1224	1288	1288	1350	1199	1350	1350	1199	1350	1350	1199	1350	1048	861	760	760	590	674	674	861	861	710	439	313	313	313	397	548	987	1224	1224	866	631	691	928	928	1350	1350	1350	1350								
Hydro		129	126	127	128	124	125	125	262	126	127	252	123	122	127	124	262	123	123	249	121	382	500	556	448	508	475	511	444	426	545	647	738	697	732	749	659	301	118	121	347	578	587	396	411	132	130	124	124			
S.Reserve Total		2597	2653	2831	3167	3313	3344	3561	3707	3707	3727	3713	3688	3586	3573	3690	3887	3503	2640	1915	1950	2109	1661	1654	1375	1505	1680	1923	1928	1592	1630	1384	1305	1204	1221	1525	1691	1797	2475	2322	1623	1685	1833	1792	1837	2197	2317	2356	2370			