

### 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>13,692 MW</b>
<b>Total Co-Gen</b>	<b>0 MW</b>
<b>Total System</b>	<b>20,315 MW</b>

### Generation Mix

Type	MWh	Percentage
Gas	37,688	11.89 %
Hydro	19,596	6.18 %
<b>Total TNB</b>	<b>57,284</b>	<b>18.07 %</b>
ST-Coal	206,091	65.00 %
Gas	51,954	16.39 %
<b>Total IPP</b>	<b>258,045</b>	<b>81.38 %</b>
Co-Gen	1,617	0.51 %
<b>Total Co-Gen</b>	<b>1,617</b>	<b>0.51 %</b>
<b>Total Generation</b>	<b>316,946</b>	<b>99.96 %</b>
PLTG	-849	-0.27 %
HVDC	724	0.23 %
<b>Interconnection</b>	<b>-125</b>	<b>-0.04 %</b>
<b>Net Energy</b>	<b>317,071</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	16,044 MW
TNB Generation	2,942 MW
IPP Generation	11,485 MW
Spinning Reserve	1,551 MW
Maximum Demand	14,503 MW
Net Energy	317,071 MWH
Load Factor	91.09 %

### Fuel Cost

Total Cost:	44,745,391.35 RM
Cost per Unit	15.07 cents/kWH

### Average Spinning Reserve During Peak Hour

Type	MW
GT	323
Hydro	478
Syncon	905
Thermal	201
<b>Total</b>	<b>1,907</b>

### Time Weather Temperature

Time	Weather	Temperature
Afternoon	Hot	35
Morning	Sunny	26

### 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	13910	13317	12784	12322	12060	11798	11672	11501	11253	12450	13318	13975	13978	13728	13929	13973	13885	13678	13319	13382	14503	14353	14053	13835

### Gas Usage

Station	(mmscfd)
GLGR	52
TJGS	214
<b>Total TNB</b>	<b>266</b>
KLPP	99
NPRI	16
PGLA	107
PLPS	71
PTEK	1
SGRI	80
SKSP	24
<b>Total IPP</b>	<b>398</b>
<b>Total Gas</b>	<b>664</b>
<b>Total Gas Required</b>	<b>664</b>

### Alternate Fuel Usage

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







### Daily MW Generation on Saturday

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																										
TIE-HVDC		29	29	30	30	30	30	30	32	32	32	29	32	29	31	31	32	29	32	29	31	31	31	32	29	29	30	30	30	29	30	30	30	31	31	31	31	31	31												
TIE-PLTG		-18	-76	-29	-57	-38	-28	-16	-47	-35	-60	-76	-63	25	24	-44	-48	-23	-47	-32	-17	-61	-89	-35	-42	-12	-54	-67	-53	-31	5	-26	-66	-19	-37	-53	-12	-53	-67	-55	-47	-40	-5	20	-9	-24	-35	1	-27		
Interconnection		11	-47	1	-27	-9	2	15	-16	-3	-28	-44	-34	57	53	-12	-19	7	-18	-3	12	-32	-59	-4	-11	19	-25	-36	-23	0	35	5	-34	10	-8	-23	18	-22	-38	-25	-17	-10	25	51	22	7	-4	31	3		
System Total		13910	13600	13317	13007	12784	12588	12322	12189	12060	11808	11798	11672	11672	11613	11501	11194	11253	11898	12450	12835	13318	13714	13975	14148	13978	13706	13728	13863	13929	13971	13973	13943	13885	13872	13678	13603	13319	13290	13382	14169	14503	14405	14353	14211	14053	13897	13835	13700		
SRev ST-Coal		162	161	171	168	180	165	97	263	265	261	261	249	266	259	248	245	247	512	321	254	231	247	249	259	250	257	259	254	261	255	151	151	149	165	141	143	171	149	148	140	104	89	72	109	108	115	118	111		
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	
SRev CCGT-Gas		654	414	529	697	780	840	938	983	740	706	681	692	526	500	668	838	713	230	296	212	115	211	235	426	449	559	513	358	346	270	201	277	330	334	507	564	700	780	697	258	251	287	314	379	357	332	356	321		
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
SRev Co-Gen		-18	-17	-20	-17	-17	-18	-18	-18	-16	-16	-20	-21	-28	-30	-29	-29	-29	-26	-23	-23	-21	-20	-21	-17	-21	-16	-15	-13	-17	-21	-18	-14	-14	-15	-16	-15	-14	-15	-18	-16	-18	-21	-16	-22	-20	-22	-24			
Syncon		525	374	374	777	928	928	928	928	1014	1014	1102	1203	1203	1354	1102	1354	1455	1253	1253	1066	741	590	277	615	928	928	1079	1079	1079	1079	1167	1167	1167	1167	1167	1079	1167	1167	953	676	827	827	827	827	827	676	676			
Hydro		507	627	629	406	271	262	119	132	102	256	124	120	118	109	323	220	135	269	265	273	487	631	934	649	465	560	433	447	438	446	540	441	404	331	392	366	416	398	380	404	538	372	393	418	414	372	525	528		
S.Reserve Total		1830	1559	1683	2031	2142	2177	2064	2288	2105	2221	2148	2243	2085	2192	2312	2628	2521	2238	2112	1782	1553	1659	1674	1932	2071	2313	2269	2125	2107	2029	1953	2022	2036	1982	2191	2310	2524	2564	2459	1739	1551	1597	1623	1717	1684	1626	1653	1612		