

### Availability at Daily Maximum Demand Hour

ST-Coal	0 MW
ST-Gas	0 MW
ST-Oil	0 MW
Gas	3,043 MW
Hydro	2,498 MW
Distillate	0 MW
<b>Total TNB</b>	<b>5,541 MW</b>
<b>Total IPP</b>	<b>15,210 MW</b>
<b>Total Co-Gen</b>	<b>80 MW</b>
<b>Total System</b>	<b>21,395 MW</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:	16:00:00 Hour
Total Set On Bus	17,886 MW
TNB Generation	3,466 MW
IPP Generation	13,044 MW
Spinning Reserve	1,309 MW
Maximum Demand	16,540 MW
Net Energy	348,782 MWH
Load Factor	87.86 %

### Gas Usage

Station	(mmscfd)
GLGR	48
SRDG	7
TJGS	200
<b>Total TNB</b>	<b>255</b>
CBPS	51
KLPP	93
NPRI	147
PGLA	108
PLPS	67
PTEK	4
SGB3	87
SGRI	99
<b>Total IPP</b>	<b>656</b>
<b>Total Gas</b>	<b>910</b>
<b>Total Gas Required</b>	<b>910</b>

### Alternate Fuel Usage

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

### Generation Mix

Type	MWh	Percentage
Gas	35,153	10.08 %
Hydro	29,072	8.34 %
<b>Total TNB</b>	<b>64,225</b>	<b>18.41 %</b>
ST-Coal	190,704	54.68 %
Gas	92,672	26.57 %
<b>Total IPP</b>	<b>283,376</b>	<b>81.25 %</b>
Co-Gen	1,590	0.46 %
<b>Total Co-Gen</b>	<b>1,590</b>	<b>0.46 %</b>
<b>Total Generation</b>	<b>349,191</b>	<b>100.12 %</b>
PLTG	-320	-0.09 %
HVDC	729	0.21 %
<b>Interconnection</b>	<b>409</b>	<b>0.12 %</b>
<b>Net Energy</b>	<b>348,782</b>	<b>100.00 %</b>

### Fuel Cost

Total Cost:	52,074,592.00 RM
Cost per Unit	16.49 cents/kWH

### Average Spinning Reserve During Peak Hour

Type	MW
GT	444
Hydro	375
Syncon	486
Thermal	214
<b>Total</b>	<b>1,519</b>

### Time Weather Temperature

Afternoon	Sunny	35
Morning	Cloudy	28

### 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	14229	13514	13152	12662	12413	12143	12428	12483	12619	14291	15213	15853	15948	15471	15771	16389	16540	16050	15102	14774	15810	15674	15089	14794





### 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																												
TIE-EGAT		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												
TIE-HVDC		31	30	30	31	31	30	30	31	31	30	30	31	31	30	31	31	31	31	31	31	30	30	31	31	31	31	31	31	30	30	30	30	30	30	30	30	30	30	31	31	30											
TIE-PLTG		-98	-34	-44	-30	-48	-38	7	-22	-15	-29	2	-5	-35	-3	19	15	8	-39	-33	43	-37	-79	-33	13	-20	-34	15	2	-16	32	8	29	6	21	10	26	33	-2	-18	-54	-36	-15	-26	23	77	-37	-56	-93				
Interconnection		-67	-4	-14	0	-18	-8	37	9	16	1	32	25	-5	29	50	44	38	-8	-2	74	-6	-48	-2	44	11	-4	45	32	15	62	39	59	37	52	41	56	63	28	11	-24	-6	15	4	53	107	-6	-25	-63				
System Total		14229	13884	13514	13258	13152	12841	12662	12472	12413	12409	12143	12274	12428	12545	12483	12388	12619	13697	14291	14828	15213	15648	15853	16025	15948	15697	15471	15555	15771	16040	16389	16514	16540	16325	16050	15516	15102	14718	14774	15567	15810	15780	15674	15442	15089	15038	14794	14535				
SRev ST-Coal		421	165	304	357	366	359	366	359	362	353	362	347	357	355	353	343	350	376	259	205	203	209	137	116	167	160	156	146	99	168	11	96	106	105	116	127	140	163	150	131	158	147	593	626	556	563	555	550				
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	4	-1	118	3	-1	0	45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SRev CCGT-Gas		1253	1517	1591	1680	1694	2029	2138	2353	2337	2270	2393	2323	2250	2154	2223	2227	2018	955	880	459	408	378	560	434	456	428	483	448	520	544	472	374	362	531	557	628	779	630	562	156	190	210	349	324	263	251	187	165				
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		19	20	22	17	18	16	18	17	18	15	18	16	15	16	15	15	10	16	14	14	12	13	13	16	11	11	11	12	13	12	14	13	13	9	13	13	12	10	10	11	11	12	15	11	11	12	9	7				
Syncon		374	676	827	827	827	525	676	676	802	928	1079	1079	1079	928	1079	1079	928	1079	1079	928	640	453	302	489	640	640	489	489	640	374	525	525	525	525	651	777	777	777	525	338	338	0	0	0	0	313	802					
Hydro		811	423	287	289	288	409	282	285	224	346	300	255	200	297	116	226	362	163	62	44	401	471	398	405	350	500	626	750	752	262	379	302	304	339	416	381	499	491	488	506	521	520	369	343	502	569	605	287				
S.Reserve Total		2878	2801	3031	3170	3193	3338	3480	3690	3743	3912	4152	4020	3901	3750	3786	3890	3668	2589	2294	1801	1952	1711	1561	1273	1473	1739	1916	1845	1877	1625	1368	1313	1309	1509	1672	1800	2207	2071	1987	1329	1218	1227	1326	1304	1332	1395	1669	1811				