

### Availability at Daily Maximum Demand Hour

ST-Coal	0 MW
ST-Gas	0 MW
ST-Oil	0 MW
Gas	2,848 MW
Hydro	2,211 MW
Distillate	0 MW
Total TNB	5,059 MW
Total IPP	12,443 MW
Total Co-Gen	0 MW
Total System	18,066 MW

### 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	15,808 MW
TNB Generation	3,209 MW
IPP Generation	11,350 MW
Spinning Reserve	1,181 MW
Maximum Demand	14,647 MW
Net Energy	307,484 MWH
Load Factor	87.47 %

### Gas Usage

Station	(mmscfd)
CBPS	39
GLGR	54
PAKA	47
PGPS	37
SRDG	6
TJGS	109
<b>Total TNB</b>	<b>292</b>
CBPS	55
KLPP	100
MPSS	52
NPRI	79
PGLA	112
PLPS	69
PTEK	9
SGB3	75
SGRI	71
SKSP	51
<b>Total IPP</b>	<b>674</b>
<b>Total Gas</b>	<b>966</b>
<b>Total Gas Required</b>	<b>966</b>

### Alternate Fuel Usage

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

### Generation Mix

Type	MWh	Percentage
Gas	37,427	12.17 %
Hydro	13,177	4.29 %
<b>Total TNB</b>	<b>50,604</b>	<b>16.46 %</b>
ST-Coal	165,842	53.94 %
Gas	89,584	29.13 %
<b>Total IPP</b>	<b>255,426</b>	<b>83.07 %</b>
Co-Gen	1,641	0.53 %
<b>Total Co-Gen</b>	<b>1,641</b>	<b>0.53 %</b>
<b>Total Generation</b>	<b>307,671</b>	<b>100.06 %</b>
PLTG	885	0.29 %
HVDC	-698	-0.23 %
<b>Interconnection</b>	<b>187</b>	<b>0.06 %</b>
<b>Net Energy</b>	<b>307,484</b>	<b>100.00 %</b>

### Fuel Cost

Total Cost:	48,782,077.40 RM
Cost per Unit	16.57 cents/kWH

### Average Spinning Reserve During Peak Hour

Type	MW
GT	364
Hydro	304
Syncon	798
Thermal	174
<b>Total</b>	<b>1,640</b>

### Time Weather Temperature

Afternoon	Hot	33
Morning	Sunny	27

### 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	13847	13227	12732	12332	11983	11730	11683	11361	10985	11621	12349	13118	13052	13078	13413	13386	13414	13224	12892	13406	14440	14647	14238	13929





### 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																										
Total Gen		13751	13340	13104	12787	12569	12347	12248	12037	11890	11720	11645	11648	11574	11706	11332	10793	10717	11192	11356	11700	12096	12389	12788	12917	12856	12717	12874	12952	13231	13224	13186	13333	13255	13458	13283	13117	13005	13109	13414	14302	14462	14554	14627	14357	14256	14120	13961	13729		
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	0	0	0	0	0	0	0	0	0	0
TIE-HVDC		-29	-29	-30	-30	-29	-29	-29	-30	-30	-30	-30	-28	-28	-29	-29	-29	-29	-29	-29	-29	-29	-29	-30	-29	-28	-28	-29	-29	-29	-29	-28	-28	-29	-29	-29	-29	-29	-29	-29	-29	-29	-29	-29	-29	-29	-29	-29	-29	-30	-30
TIE-PLTG		32	18	22	28	-16	50	62	45	55	28	62	27	36	62	116	72	47	61	48	23	62	2	-14	-44	8	-4	-2	18	18	-1	3	29	43	12	58	81	115	63	9	45	51	78	9	43	47	46	62	57		
Interconnection		3	-11	-8	-2	-45	22	32	15	26	-1	33	-3	8	34	87	43	18	32	20	-6	32	-27	-44	-73	-20	-32	-31	-12	-11	-30	-26	0	14	-17	29	53	86	33	-20	15	22	49	-20	14	18	17	32	27		
System Total		13847	13470	13227	12906	12732	12440	12332	12139	11983	11838	11730	11769	11683	11791	11361	11024	10985	11445	11621	11989	12349	12701	13118	13179	13052	12930	13078	13136	13413	13425	13386	13506	13414	13446	13224	13037	12892	13049	13406	14287	14440	14505	14647	14343	14238	14103	13929	13702		
SRev ST-Coal		201	226	191	179	200	203	193	187	192	194	188	189	190	256	252	239	226	173	184	184	180	183	179	173	161	183	184	188	197	168	181	171	182	185	178	192	173	181	192	191	190	139	102	196	79	138	73			
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	29	-3	-4	-4	-5	-7	-7	-5	0	
SRev CCGT-Gas		396	234	415	634	467	574	686	798	941	1102	1176	1187	1253	1049	1225	1484	1455	976	809	692	591	724	389	502	474	490	472	485	406	513	562	431	478	310	316	379	475	402	150	74	98	196	85	132	149	145	381	406		
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		-39	-28	-28	-25	-25	-24	-25	-23	-24	-23	-25	-27	-26	-24	-26	-27	-27	-23	-24	-23	-25	-26	-23	-21	-23	-22	-20	-21	-20	4	3	3	2	0	-2	-10	-23	-23	-23	-22	-19	-20	-22	-21	-22	-21	-20			
Syncon		760	1062	1062	1163	1163	1264	1264	1264	1264	1264	1264	1264	1264	1264	1264	1266	1266	1115	964	913	913	762	976	825	1077	926	926	741	892	741	741	741	741	741	976	976	976	976	724	724	640	640	573	850	976	976	1064			
Hydro		289	69	113	63	97	107	108	108	107	115	119	113	115	106	109	111	105	81	220	400	305	227	367	213	462	344	334	240	222	96	242	213	252	231	399	189	201	200	138	412	260	300	341	575	406	244	256	181		
S.Reserve Total		1607	1563	1753	2014	1902	2124	2226	2334	2480	2652	2722	2726	2796	2651	2824	3071	3025	2469	2305	2216	1970	2019	1675	1847	1913	2049	1893	1815	1536	1678	1717	1569	1645	1466	1641	1720	1834	1728	1422	1408	1248	1303	1181	1355	1573	1415	1725	1704		