

### Availability at Daily Maximum Demand Hour

ST-Coal	0 MW
ST-Gas	0 MW
ST-Oil	0 MW
Gas	2,848 MW
Hydro	2,220 MW
Distillate	0 MW
Total TNB	5,068 MW
Total IPP	13,890 MW
Total Co-Gen	0 MW
Total System	19,522 MW

### Maximum Demand Record

Date: 4/20/2016	17,788 MW
Date: 4/20/2016	372,457 MWH

### Gas Usage

Station	(mmscfd)	Station	(mmscfd)
CBPS	49	<b>Total</b>	<b>0</b>
GLGR	59		
PAKA	49		
PGPS	44		
SRDG	2		
TJGS	111		
<b>Total TNB</b>	<b>313</b>		
CBPS	57		
KLPP	104		
MPSS	53		
NPRI	84		
PGLA	109		
PLPS	96		
PTEK	6		
SGB3	72		
SGRI	72		
SKSP	56		
<b>Total IPP</b>	<b>709</b>		
<b>Total Gas</b>	<b>1,022</b>		
<b>Total Gas Required</b>	<b>1,022</b>		

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

Daily Maximum Demand Hour at:	21:00:00 Hour
Total Set On Bus	15,997 MW
TNB Generation	2,796 MW
IPP Generation	11,946 MW
Spinning Reserve	1,164 MW
Maximum Demand	15,102 MW
Net Energy	328,416 MWH
Load Factor	90.61 %

### Generation Mix

Type	MWh	Percentage
Gas	40,846	12.44 %
Hydro	13,783	4.20 %
<b>Total TNB</b>	<b>54,629</b>	<b>16.63 %</b>
ST-Coal	177,233	53.97 %
Gas	94,643	28.82 %
<b>Total IPP</b>	<b>271,876</b>	<b>82.78 %</b>
Co-Gen	2,063	0.63 %
<b>Total Co-Gen</b>	<b>2,063</b>	<b>0.63 %</b>
<b>Total Generation</b>	<b>328,568</b>	<b>100.05 %</b>
PLTG	850	0.26 %
HVDC	-698	-0.21 %
<b>Interconnection</b>	<b>152</b>	<b>0.05 %</b>
<b>Net Energy</b>	<b>328,416</b>	<b>100.00 %</b>

### Fuel Cost

Total Cost:	52,228,152.35 RM
Cost per Unit	16.59 cents/kWH

### Average Spinning Reserve During Peak Hour

Type	MW
GT	220
Hydro	286
Syncon	732
Thermal	148
<b>Total</b>	<b>1,386</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	14196	13502	13031	12682	12368	12178	12113	11967	11878	13134	14018	14584	14570	14352	14725	14652	14568	14365	13908	14045	15002	15102	14653	14333





### 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																											
Total Gen		14204	13912	13486	13257	13035	12928	12705	12548	12405	12308	12197	12133	12275	12022	11663	11873	12557	13084	13566	13987	14385	14548	14771	14542	14204	14236	14412	14573	14689	14557	14508	14447	14433	14132	13798	13647	13632	13765	14630	14745	14752	14833	14690	14568	14579	14344	14164				
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		
TIE-HVDC		-29	-29	-29	-29	-30	-30	-30	-29	-29	-29	-29	-29	-29	-28	-28	-29	-29	-29	-29	-29	-29	-29	-29	-29	-29	-29	-29	-29	-29	-29	-29	-29	-29	-29	-29	-29	-29	-29	-29	-30	-30	-29	-29	-29	-29	-29	-29	-29	-29		
TIE-PLTG		38	21	13	30	34	50	53	27	66	84	48	6	49	72	84	74	24	59	-21	13	-1	-19	-7	38	11	-2	43	-17	10	-2	67	35	111	57	96	63	46	81	21	-10	48	-5	36	34	-56	62	40	99			
Interconnection		8	-9	-16	1	4	21	23	-3	37	55	19	-23	20	43	55	46	-5	30	-50	-16	-31	-49	-36	10	-18	-31	14	-46	-20	-31	38	6	82	28	67	34	17	52	-8	-38	18	-34	6	5	-85	34	11	69			
System Total		14196	13921	13502	13256	13031	12907	12682	12551	12368	12253	12178	12156	12113	12232	11967	11617	11878	12527	13134	13582	14018	14434	14584	14761	14570	14334	14352	14587	14725	14852	14652	14634	14568	14684	14365	14047	13908	13854	14045	14945	15002	15064	15102	14820	14653	14545	14333	14095			
SRev ST-Coal		149	135	157	132	157	158	135	187	187	239	252	222	174	181	193	176	136	160	137	156	157	82	101	80	76	104	89	84	84	207	201	204	196	137	140	95	109	100	80	88	210	199	200	224	173	211	192	195			
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	
SRev CCGT-Gas		594	646	691	660	290	292	510	627	704	687	630	766	830	791	892	1237	1042	657	456	318	-8	-8	167	117	261	236	154	108	113	168	370	504	537	372	520	547	617	645	541	65	205	216	124	13	2	64	168	181			
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		-45	-43	-44	-43	-42	-40	-42	-41	-43	-41	-42	-44	-42	-42	-41	-42	-41	-41	-39	-37	-33	-32	-29	-33	-33	-34	-29	-34	-31	-33	-34	-34	-31	-31	-35	-36	-37	-35	-35	-34	-39	-40	-43	-41	-39	-41	-41	-41			
Syncon		678	762	762	762	1014	1115	1115	1115	1115	1115	1115	1115	1115	1165	1266	1266	1266	964	1266	1014	1100	762	590	464	766	850	850	699	699	615	766	615	766	766	766	980	1182	1182	1182	892	428	428	428	554	980	674	674	674			
Hydro		341	202	222	281	74	75	105	204	97	80	68	105	237	76	115	122	98	351	77	307	307	222	260	470	216	175	204	315	296	281	209	330	210	196	218	241	157	160	151	103	449	444	455	406	103	301	307	330			
S.Reserve Total		1717	1702	1788	1792	1493	1600	1823	2092	2060	2080	2023	2164	2314	2171	2425	2759	2501	2091	1897	1758	1523	1026	1089	1097	1400	1501	1346	1170	1159	1236	1510	1618	1676	1437	1688	1827	2028	2052	1919	1114	1253	1247	1164	1156	1219	1395	1486	1525			