

### Availability at Daily Maximum Demand Hour

ST-Coal	0 MW
ST-Gas	0 MW
ST-Oil	0 MW
Gas	2,548 MW
Hydro	2,282 MW
Distillate	0 MW
<b>Total TNB</b>	<b>4,830 MW</b>
<b>Total IPP</b>	<b>14,335 MW</b>
<b>Total Co-Gen</b>	<b>0 MW</b>
<b>Total System</b>	<b>19,165 MW</b>

### Generation Mix

Type	MWh	Percentage
Gas	27,818	8.68 %
Hydro	16,174	5.04 %
<b>Total TNB</b>	<b>43,992</b>	<b>13.72 %</b>
ST-Coal	176,897	55.17 %
ST-Gas	4,806	1.50 %
Gas	92,796	28.94 %
<b>Total IPP</b>	<b>274,499</b>	<b>85.60 %</b>
Co-Gen	1,828	0.57 %
<b>Total Co-Gen</b>	<b>1,828</b>	<b>0.57 %</b>
<b>Total Generation</b>	<b>320,319</b>	<b>99.89 %</b>
PLTG	354	0.11 %
HVDC	-698	-0.22 %
<b>Interconnection</b>	<b>-344</b>	<b>-0.11 %</b>
<b>Net Energy</b>	<b>320,663</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:	20:30:00 Hour
Total Set On Bus	15,986 MW
TNB Generation	2,782 MW
IPP Generation	11,931 MW
Spinning Reserve	1,199 MW
Maximum Demand	14,782 MW
Net Energy	320,663 MWH
Load Factor	90.39 %

### Fuel Cost

Total Cost:	49,932,725.40 RM
Cost per Unit	16.42 cents/kWH

### Average Spinning Reserve During Peak Hour

Type	MW
GT	431
Hydro	335
Syncon	769
Thermal	148
<b>Total</b>	<b>1,683</b>

Time	Weather	Temperature
Afternoon	Hot	34
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	13609	12923	12509	12242	11844	11689	11707	11440	11385	12567	13482	14196	14244	13986	14289	14399	14566	14196	13684	13856	14770	14591	14187	13916

### Gas Usage

Station	(mmscfd)
GLGR	54
PAKA	2
PGPS	43
SRDG	2
TJGS	108
<b>Total TNB</b>	<b>208</b>
CBPS	56
KLPP	96
MPSS	50
NPRI	153
PGLA	93
PLPS	90
PTEK	3
SGRI	104
SKSP	40
PKLG	48
<b>Total IPP</b>	<b>735</b>
<b>Total Gas</b>	<b>944</b>
<b>Total Gas Required</b>	<b>944</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																									
Total Co-Gen		81	79	79	80	81	79	81	81	82	81	81	80	81	81	82	81	80	79	75	70	70	71	71	69	68	68	67	72	73	70	72	71	72	72	74	74	74	73	74	76	76	78	78	78	81				
Total Gen		13565	13186	12877	12616	12472	12294	12242	11953	11860	11799	11745	11606	11679	11753	11415	11289	11446	12060	12533	13056	13491	13899	14128	14255	14220	13949	13968	14042	14219	14390	14364	14518	14521	14454	14199	13982	13637	13607	13841	14645	14764	14787	14601	14508	14165	14065	13911	13743	
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		
TIE-HVDC		-28	-30	-30	-29	-29	-29	-29	-29	-29	-28	-28	-30	-30	-29	-29	-29	-29	-29	-29	-28	-28	-29	-29	-29	-30	-30	-28	-28	-29	-29	-29	-30	-30	-29	-29	-29	-29	-28	-28	-29	-29	-30	-30	-28	-28	-29	-29		
TIE-PLTG		-17	65	-16	-5	-9	46	29	6	46	2	85	39	0	54	5	39	90	2	-5	37	37	20	-39	-58	5	42	11	-39	-40	-24	-6	-41	-16	38	33	51	-18	10	14	22	22	34	38	65	8	34	24	-11	
Interconnection		-44	35	-46	-34	-37	17	0	-23	16	-27	56	11	-28	23	-25	10	61	-27	-34	9	9	-9	-68	-87	-24	13	-18	-69	-70	-53	-35	-69	-45	8	3	22	-47	-20	-15	-6	-6	5	10	35	-22	6	-5	-40	
System Total		13609	13151	12923	12650	12509	12277	12242	11976	11844	11826	11689	11595	11707	11730	11440	11279	11385	12087	12567	13047	13482	13908	14196	14342	14244	13936	13986	14111	14289	14443	14399	14587	14566	14446	14196	13960	13684	13627	13856	14651	14770	14782	14591	14473	14187	14059	13916	13783	
SRev ST-Coal		174	197	182	197	180	190	184	186	187	179	192	204	184	178	180	196	186	191	192	205	151	137	149	143	145	134	137	131	137	136	128	130	138	153	131	147	139	142	139	151	135	149	149	139	137	151	125	142	
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		1035	816	668	450	617	604	578	1213	1308	1127	1193	1310	1219	1174	1406	1747	1548	1249	942	920	749	311	158	182	242	405	379	340	185	266	301	221	236	295	443	450	472	550	487	344	480	431	422	487	738	626	647	482	
SRev ST-Gas		-2	-3	-3	-3	-3	-2	-2	-3	-3	-3	-3	-3	-3	-3	-3	0	0	0	30	8	56	6	-80	-16	-2	-2	-2	-2	-2	-1	-1	-2	-2	-2	20	39	39	39	42	5	-1	-1	29	37	40	37	36		
SRev Co-Gen		-33	-31	-31	-32	-33	-31	-33	-33	-34	-33	-33	-32	-33	-33	-34	-33	-34	-33	-32	-31	-27	-22	-22	-23	-23	-21	-20	-20	-19	-24	-25	-22	-24	-23	-24	-24	-26	-26	-26	-25	-26	-28	-28	-30	-30	-30	-33		
Syncon		1039	1250	1250	1250	1250	1351	1452	1452	1452	1301	1301	1452	1452	1452	1452	1452	1452	1452	1452	1250	1099	1250	761	761	761	948	948	948	948	550	550	550	550	550	701	940	1102	1253	1066	277	363	489	489	363	363	550	737	1165	
Hydro		308	70	67	73	70	146	108	109	104	100	229	236	121	100	128	130	180	145	138	122	267	129	525	466	506	426	428	398	370	516	520	444	415	393	370	204	309	103	147	200	222	82	277	218	237	203	119	10	
S.Reserve Total		2521	2299	2133	1935	2081	2258	2287	2924	3014	2822	2879	3016	2940	2868	3156	3514	3333	3003	2691	2495	2243	1856	1577	1450	1615	1888	1869	1795	1618	1447	1473	1319	1316	1365	1620	1737	2037	2061	1852	988	1222	1199	1385	1247	1482	1540	1635	1882	