

### Availability at Daily Maximum Demand Hour

ST-Coal	0 MW
ST-Gas	0 MW
ST-Oil	0 MW
Gas	2,856 MW
Hydro	2,358 MW
Distillate	0 MW
<b>Total TNB</b>	<b>5,214 MW</b>
<b>Total IPP</b>	<b>13,915 MW</b>
<b>Total Co-Gen</b>	<b>0 MW</b>
<b>Total System</b>	<b>19,693 MW</b>

### Generation Mix

Type	MWh	Percentage
Gas	55,582	16.89 %
Hydro	11,923	3.62 %
<b>Total TNB</b>	<b>67,505</b>	<b>20.51 %</b>
ST-Coal	178,142	54.14 %
Gas	82,579	25.10 %
<b>Total IPP</b>	<b>260,721</b>	<b>79.23 %</b>
Co-Gen	1,348	0.41 %
<b>Total Co-Gen</b>	<b>1,348</b>	<b>0.41 %</b>
<b>Total Generation</b>	<b>329,574</b>	<b>100.16 %</b>
PLTG	-117	-0.04 %
HVDC	634	0.19 %
<b>Interconnection</b>	<b>517</b>	<b>0.16 %</b>
<b>Net Energy</b>	<b>329,057</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:	15:30:00 Hour
Total Set On Bus	16,922 MW
TNB Generation	3,316 MW
IPP Generation	12,144 MW
Spinning Reserve	1,408 MW
Maximum Demand	15,538 MW
Net Energy	329,057 MWH
Load Factor	88.24 %

### Fuel Cost

Total Cost:	55,376,304.00 RM
Cost per Unit	17.43 cents/kWH

### Average Spinning Reserve During Peak Hour

Type	MW
GT	506
Hydro	312
Syncon	829
Thermal	90
<b>Total</b>	<b>1,737</b>

### Time Weather Temperature

Time	Weather	Temperature
Afternoon	Hot	34
Morning	Sunny	27

### Gas Usage

Station	(mmscfd)
GLGR	53
PAKA	136
PGPS	24
TJGS	207
<b>Total TNB</b>	<b>419</b>
CBPS	14
KLPP	70
MPSS	41
NPRI	142
PGLA	101
PLPS	78
SGRI	154
SKSP	25
<b>Total IPP</b>	<b>626</b>
<b>Total Gas</b>	<b>1,045</b>

**Total Gas Required 1,045**

### Alternate Fuel Usage

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

### 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	12801	12202	11884	11515	11303	11225	11270	11594	12265	14113	14775	15292	15098	14780	15177	15438	15510	15133	14290	14204	15159	15000	14359	14007





### Daily MW Generation on Monday

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																										
PCUF	CUFK	32	32	34	31	32	33	32	32	31	32	33	32	31	31	32	33	32	33	32	33	32	33	32	31	31	29	28	29	30	29	27	30	27	27	31	30	30	30	30	33	31	33	31	32	31	32	31	32		
Total Co-Gen		57	56	59	56	57	59	58	57	57	59	59	59	57	58	57	58	58	60	59	57	59	58	56	54	56	53	51	52	54	54	52	54	51	51	54	54	53	55	55	57	55	59	57	57	56	58	58	58		
Total Gen		12831	12505	12181	12107	11944	11690	11568	11362	11325	11258	11192	11252	11317	11532	11602	11916	12307	13332	14085	14462	14727	15076	15256	15294	15100	14862	14809	14946	15174	15504	15475	15514	15539	15536	15260	14774	14333	14087	14225	14934	15206	15189	15041	14770	14459	14285	13996	13677		
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		-28	-28	-29	29	29	29	31	31	30	30	30	30	30	30	30	30	30	30	30	30	30	30	31	31	29	29	31	31	30	30	30	30	30	30	29	30	30	30	29	29	30	30	31	31	30	30	30	30		
TIE-PLTG		59	9	8	24	31	-11	23	35	-8	47	-63	-4	17	11	-22	22	12	-3	-58	-25	-78	-41	-67	-95	-28	-47	-2	-27	-32	25	7	-54	-1	10	97	1	13	5	-9	18	18	-23	11	-15	70	-23	-41	-29		
Interconnection		30	-19	-21	53	60	18	53	65	22	77	-33	26	47	41	8	52	42	27	-28	5	-48	-11	-36	-64	2	-17	29	3	-3	55	37	-24	29	40	127	31	43	35	21	48	47	7	41	15	100	8	-11	1		
System Total		12801	12524	12202	12054	11884	11672	11515	11297	11303	11181	11225	11226	11270	11491	11594	11864	12265	13305	14113	14457	14775	15087	15292	15358	15098	14879	14780	14943	15177	15449	15438	15538	15510	15496	15133	14743	14290	14052	14204	14886	15159	15182	15000	14755	14359	14277	14007	13676		
SRev ST-Coal		237	240	246	240	255	246	324	438	459	445	553	531	555	538	547	370	247	193	140	80	74	86	96	69	100	87	101	86	101	85	81	90	81	85	106	80	95	94	80	92	93	89	77	98	92	63	70	74		
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		953	1275	1590	1654	1712	1987	2053	2141	2152	2231	2176	2143	2056	1852	1771	1605	1674	1490	970	742	512	322	346	420	537	611	624	484	435	408	449	353	357	361	576	809	902	1473	1354	689	446	522	520	576	774	1049	1321	1123		
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		-9	-8	-11	-8	-9	-11	-10	-9	-9	-11	-11	-9	-10	-9	-10	-10	-12	-11	-9	-11	-10	-8	-6	-8	-5	-3	-4	-6	-6	-4	-6	-3	-3	-6	-6	-5	-7	-7	-9	-7	-11	-9	-9	-8	-10	-10	-10			
Syncon		1328	1328	1328	1328	1328	1328	1177	1177	1177	1177	1328	1328	1328	1328	1328	1328	1126	1126	939	939	788	511	511	511	849	849	975	975	662	662	662	511	662	662	1126	1126	1126	1126	1126	1126	1126	1126	1126	1126	1126	1126	975			
Hydro		119	118	125	138	137	134	263	261	265	269	135	132	132	131	131	162	169	154	163	259	232	361	472	475	573	343	377	395	393	419	459	359	487	331	446	86	111	74	69	65	72	96	116	85	135	65	75	206		
S.Reserve Total		2628	2953	3278	3352	3423	3684	3807	4008	4044	4111	4181	4123	4062	3839	3768	3455	3408	2951	2388	2011	1746	1547	1417	1469	1713	1885	1948	1936	1898	1568	1647	1458	1433	1436	1784	2095	2229	2760	2622	1963	1730	1822	1830	1876	2119	2293	2582	2368		