

#### Availability at Daily Maximum Demand Hour

ST-Coal	0 MW
ST-Gas	0 MW
ST-Oil	0 MW
Gas	3,291 MW
Hydro	2,387 MW
Distillate	0 MW
<b>Total TNB</b>	<b>5,678 MW</b>
<b>Total IPP</b>	<b>12,776 MW</b>
<b>Total Co-Gen</b>	<b>20 MW</b>
<b>Total System</b>	<b>18,474 MW</b>

#### Generation Mix

Type	MWh	Percentage
Gas	68,820	20.26 %
Hydro	11,459	3.37 %
<b>Total TNB</b>	<b>80,279</b>	<b>23.63 %</b>
ST-Coal	146,089	43.00 %
Gas	111,978	32.96 %
<b>Total IPP</b>	<b>258,067</b>	<b>75.96 %</b>
Co-Gen	431	0.13 %
<b>Total Co-Gen</b>	<b>431</b>	<b>0.13 %</b>
<b>Total Generation</b>	<b>338,777</b>	<b>99.71 %</b>
PLTG	310	0.09 %
HVDC	-1,287	-0.38 %
<b>Interconnection</b>	<b>-977</b>	<b>-0.29 %</b>
<b>Net Energy</b>	<b>339,754</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:	11:30:00 Hour
Total Set On Bus	17,539 MW
TNB Generation	4,070 MW
IPP Generation	11,880 MW
Spinning Reserve	1,571 MW
Maximum Demand	16,047 MW
Net Energy	339,754 MWH
Load Factor	88.22 %

#### Fuel Cost

Total Cost:	49,355,300.60 RM
Cost per Unit	15.08 cents/kWH

#### Average Spinning Reserve During Peak Hour

Type	MW
GT	451
Hydro	398
Syncon	952
Thermal	98
<b>Total</b>	<b>1,899</b>

#### Time Weather Temperature

Afternoon	Hot	32
Morning	Sunny	27

#### Gas Usage

Station	(mmscfd)
CBPS	46
GLGR	55
PAKA	149
PGPS	48
SRDG	6
TJGS	218
<b>Total TNB</b>	<b>522</b>
CBPS	54
KLPP	96
MPSS	49
NPRI	155
PGLA	114
PLPS	85
PTEK	9
SGB3	76
SGRI	151
SKSP	52
<b>Total IPP</b>	<b>841</b>
<b>Total Gas</b>	<b>1,363</b>
<b>Total Gas Required</b>	<b>1,363</b>

#### 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	13824	13151	12687	12365	12026	11724	11851	11982	12496	14332	15220	15921	15820	15520	15854	15852	15715	15403	14488	14514	15164	14930	14369	14072







### Daily MW Generation on Thursday

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
SYPS	HY03	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SYPS	HY04	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TMGR	HY01	29	34	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35
TMGR	HY02	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1
TMGR	HY03	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TMGR	HY04	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1
UJLI	HY01	0	0	0	0	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1
UJLI	HY02	0	0	0	0	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1
UPIA	HY01	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6
Total Hydro		158	170	166	171	189	168	167	171	168	166	167	166	167	168	168	168	168	168	168	168	168	168	168	168
Total Distillate		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
PCUF	CUFK	17	19	19	18	19	18	18	20	18	18	16	19	18	17	18	18	18	19	18	18	18	18	17	18
Total Co-Gen		17	19	19	18	19	18	18	20	18	18	16	19	18	17	18	18	19	18	18	18	18	18	17	18
Total Gen		13858	13390	13118	12781	12670	12431	12354	11976	12049	11917	11790	11887	11845	12070	11972	12030	12450	13627	14254	14693	15115	15610	15819	15968
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
TIE-HVDC		-29	-29	-29	-29	-29	-29	-29	-27	-29	-30	-30	-29	-29	-29	-29	-99	-98	-98	-98	-99	-99	-98	-98	-98
TIE-PLTG		63	24	-4	14	13	39	19	-52	52	28	96	29	23	28	19	31	-17	52	-49	-4	-8	5	-3	20
Interconnection		34	-5	-33	-15	-17	10	-11	-80	23	-1	66	-1	-6	-1	-10	2	-46	23	-78	-103	-105	-93	-102	-79
System Total		13824	13395	13151	12796	12687	12421	12365	12056	12026	11918	11724	11888	11851	12071	11982	12028	12496	13604	14332	14796	15220	15703	15921	16047
SRev ST-Coal		112	215	50	48	62	55	47	34	65	69	53	47	37	-33	-87	-88	44	45	53	-13	133	101	98	
SRev CCCT-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
SRev CCCT-Gas		764	1030	1273	1467	1583	1807	1891	1988	1689	1816	1958	1888	1919	1764	1916	1860	1423	987	509	473	259	263	219	327
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
SRev Co-Gen		3	1	1	2	1	2	2	0	2	2	4	1	2	3	2	2	2	2	0	2	3	3	2	2
Syncon		953	953	953	953	989	1327	1327	1327	1327	1327	1176	1327	1327	1327	787	974	974	546	974	848	1251	1352	1352	1125
Hydro		140	128	132	127	259	128	129	125	128	129	128	261	130	129	130	129	128	409	426	519	491	577	343	473
S.Reserve Total		1972	2327	2409	2597	2894	3319	3396	3474	3211	3343	3470	3373	3415	3190	3288	3230	2924	2230	1962	1955	1860	1490	1612	1571