

### Availability at Daily Maximum Demand Hour

ST-Coal	0 MW
ST-Gas	0 MW
ST-Oil	0 MW
Gas	3,548 MW
Hydro	2,236 MW
Distillate	0 MW
<b>Total TNB</b>	<b>5,784 MW</b>
<b>Total IPP</b>	<b>13,094 MW</b>
<b>Total Co-Gen</b>	<b>40 MW</b>
<b>Total System</b>	<b>19,482 MW</b>

### Generation Mix

Type	MWh	Percentage
Gas	66,340	19.91 %
Hydro	9,642	2.89 %
<b>Total TNB</b>	<b>75,982</b>	<b>22.80 %</b>
ST-Coal	166,278	49.90 %
Gas	90,125	27.05 %
<b>Total IPP</b>	<b>256,403</b>	<b>76.94 %</b>
Co-Gen	806	0.24 %
<b>Total Co-Gen</b>	<b>806</b>	<b>0.24 %</b>
<b>Total Generation</b>	<b>333,191</b>	<b>99.99 %</b>
PLTG	-491	-0.15 %
HVDC	453	0.14 %
<b>Interconnection</b>	<b>-38</b>	<b>-0.01 %</b>
<b>Net Energy</b>	<b>333,229</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	17,439 MW
TNB Generation	3,824 MW
IPP Generation	12,000 MW
Spinning Reserve	1,581 MW
Maximum Demand	15,903 MW
Net Energy	333,229 MWH
Load Factor	87.31 %

### Fuel Cost

Total Cost:	44,735,198.30 RM
Cost per Unit	13.83 cents/kWH

### Average Spinning Reserve During Peak Hour

Type	MW
GT	411
Hydro	457
Syncon	864
Thermal	136
<b>Total</b>	<b>1,868</b>

### Time Weather Temperature

Time	Weather	Temperature
Afternoon	Hot	33
Morning	Cloudy	26

### Gas Usage

Station	(mmscfd)
CBPS	48
GLGR	55
PAKA	139
PGPS	42
SRDG	6
TJGS	217
<b>Total TNB</b>	<b>507</b>

CBPS	52
KLPP	96
MPSS	48
NPRI	62
PDPS	2
PGLA	89
PKLG	1
PLPS	97
PTEK	12
SGB3	90
SGRI	100
SKSP	50
<b>Total IPP</b>	<b>698</b>
<b>Total Gas</b>	<b>1,204</b>

**Total Gas Required 1,204**

### 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	13112	12576	12134	11816	11570	11459	11659	11665	12092	13632	14625	15258	15301	14920	15200	15790	15877	15556	14524	14355	15413	15180	14647	14312





Daily MW Generation on Friday

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	
PGAU	HY04	0	0	0	0	0	0	0	0	0	0	20	20	21	21	21	21	21	21	21	21	21	21	21	21	21
SIHY	HY01	0	0	0	0	0	0	0	0	0	0	0	30	30	30	30	30	30	30	30	50	50	50	50	50	50
SIHY	HY02	0	0	0	0	0	0	0	0	0	0	0	30	30	30	30	30	30	30	30	50	50	50	50	50	50
SIHY	HY03	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	49	49	49	49	49	49
SYPS	HY01	25	0	0	0	0	0	0	0	0	0	16	16	16	16	16	16	16	16	16	25	25	25	25	25	25
SYPS	HY02	25	0	0	0	0	0	0	0	0	0	16	16	16	16	16	16	16	16	16	25	25	25	25	25	25
SYPS	HY03	25	0	0	0	0	0	0	0	0	0	16	16	16	16	16	16	16	16	16	25	25	25	25	25	25
TMGR	HY01	-1	-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	HY02	32	34	34	34	33	34	34	33	33	33	32	32	36	32	33	34	34	32	31	29	31	33	35	33	37
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	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	-1
UJLI	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	-1
UPIA	HY01	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
Total Hydro		224	159	158	158	151	155	156	154	176	155	167	152	172	201	202	205	203	200	222	304	439	664	668	629	532
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	0
PCUF	CUFG	18	19	18	18	17	18	15	15	15	16	16	14	15	14	16	15	15	15	17	17	17	16	15	16	15
PCUF	CUFK	13	18	18	17	18	18	17	18	19	17	18	18	17	18	18	19	18	17	17	18	16	18	17	17	16
Total Co-Gen		31	37	36	35	36	36	34	33	32	33	35	33	32	32	34	32	33	33	34	36	34	36	34	33	35
Total Gen		13172	12922	12614	12393	12116	12009	11812	11657	11612	11490	11460	11542	11668	11835	11664	11639	12045	12939	13642	14237	14567	14966	15235	15397	
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
TIE-HVDC		30	30	30	31	31	30	30	30	31	31	30	30	30	30	0	0	0	0	0	0	0	0	0	0	0
TIE-PLTG		30	-1	8	16	-49	1	-34	-23	12	-12	-30	20	-21	-57	-31	-75	-77	-51	-21	-4	-58	-15	-23	-83	
Interconnection		60	29	38	47	-18	31	-4	7	42	19	1	50	9	-27	-1	-45	-47	-21	10	-4	-58	-15	-23	-83	
System Total		13112	12893	12576	12346	12134	11978	11816	11650	11570	11471	11459	11492	11659	11862	11665	11684	12092	12960	13632	14241	14625	14981	15258	15480	
SRev ST-Coal		134	142	140	142	116	138	134	131	134	140	123	133	161	136	207	125	126	120	141	140	153	142	147	154	
SRev OCCT-Gas		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	70	1	3	72	
SRev CCCT-Gas		711	894	885	1013	1185	1274	1474	1629	1788	1837	1763	1613	1438	1601	1541	1235	1204	993	713	502	253	264	242	317	
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		9	3	4	5	4	4	6	7	8	7	5	7	8	8	8	6	8	7	7	6	4	6	4	6	
Syncon		1112	1112	1112	1112	1263	1263	1263	1112	1263	1263	1263	1263	1263	1263	1263	1263	1263	1263	1112	489	489	489	489	489	
Hydro		135	129	130	130	133	132	131	133	262	132	132	146	135	139	161	160	157	151	154	290	459	469	681	677	
S.Reserve Total		2101	2280	2271	2402	2701	2811	3008	3163	3208	3330	3360	3304	3152	3009	3169	3177	2788	2759	2545	2413	2217	1933	1751	1663	