

#### Availability at Daily Maximum Demand Hour

ST-Coal	0 MW
ST-Gas	0 MW
ST-Oil	0 MW
Gas	2,502 MW
Hydro	2,509 MW
Distillate	0 MW
<b>Total TNB</b>	<b>5,011 MW</b>
<b>Total IPP</b>	<b>15,271 MW</b>
<b>Total Co-Gen</b>	<b>20 MW</b>
<b>Total System</b>	<b>20,302 MW</b>

#### Generation Mix

Type	MWh	Percentage
Gas	51,745	15.20 %
Hydro	11,777	3.46 %
<b>Total TNB</b>	<b>63,522</b>	<b>18.66 %</b>
ST-Coal	173,204	50.88 %
ST-Gas	705	0.21 %
ST-Oil	9,977	2.93 %
Gas	92,068	27.05 %
<b>Total IPP</b>	<b>275,954</b>	<b>81.06 %</b>
Co-Gen	423	0.12 %
<b>Total Co-Gen</b>	<b>423</b>	<b>0.12 %</b>
<b>Total Generation</b>	<b>339,899</b>	<b>99.85 %</b>
PLTG	172	0.05 %
HVDC	-696	-0.20 %
<b>Interconnection</b>	<b>-524</b>	<b>-0.15 %</b>
<b>Net Energy</b>	<b>340,423</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:	14:30:00 Hour
Total Set On Bus	18,070 MW
TNB Generation	3,141 MW
IPP Generation	13,167 MW
Spinning Reserve	1,744 MW
Maximum Demand	16,321 MW
Net Energy	340,423 MWH
Load Factor	86.91 %

#### Fuel Cost

Total Cost:	48,021,120.70 RM
Cost per Unit	14.69 cents/kWH

#### Average Spinning Reserve During Peak Hour

Type	MW
GT	434
Hydro	359
Syncon	941
Thermal	189
<b>Total</b>	<b>1,923</b>

Time	Weather	Temperature
Afternoon	Hot	30
Morning	Sunny	28

#### Gas Usage

Station	(mmscfd)
CBPS	47
GLGR	15
PAKA	199
PGPS	26
SRDG	8
TJGS	115
<b>Total TNB</b>	<b>411</b>
KLPP	96
MPSS	48
NPRI	150
PGLA	108
PLPS	77
PTEK	6
SGRI	168
SKSP	24
PKLG	7
<b>Total IPP</b>	<b>686</b>
<b>Total Gas</b>	<b>1,097</b>
<b>Total Gas Required</b>	<b>1,194</b>

#### Alternate Fuel Usage

Station	(mmscfd)
PKLG	97
<b>Total</b>	<b>97</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	13456	12784	12350	12015	11785	11702	11960	11900	12384	14231	15195	15975	15860	15615	16102	16242	16026	15581	14772	15215	15311	15007	14417	13924







### 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	-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	35	35	35	35	35	33	36	35	34	35	34	33	36	36	32	35	35	36	33	35	33	38	35	35
TMGR	HY03	0	0	0	0	0	0	0	0	-1	-1	-1	-1	-1	-1	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	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	89	92	88	85	86	93	92	88	89	92
UJLI	HY02	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	92	94	90	86	87	94	90	91	94	93
UPIA	HY01	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	5	5	5	5	5
UPIA	HY02	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3	3	3	3	3
Total Hydro		483	399	380	381	386	377	385	378	376	280	289	278	317	291	272	204	180	206	269	371	489	835	1094	1046
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
PCLUF	CUFK	18	19	16	18	17	16	18	17	18	18	19	18	19	17	17	16	19	19	18	17	18	18	17	18
Total Co-Gen		18	19	16	18	17	16	18	17	18	18	19	18	19	17	17	16	19	19	18	17	18	18	17	18
Total Gen		13397	12970	12725	12496	12351	12148	11993	11848	11744	11708	11658	11714	11923	12277	11919	12001	12349	13384	14209	14868	15138	15653	15965	16043
TIE-ECAT		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	-29	-29	-29	-29	-29	-29	-29	-29	-29	-29	-29	-29	-29	-29	-29	-29	-29
TIE-PLTC		-30	-3	-30	17	30	35	7	39	-12	-14	-15	-15	-8	55	48	34	-7	-41	7	11	-28	6	19	
Interconnection		-59	-33	-59	-12	1	6	-22	10	-41	-43	-44	-44	-37	26	19	5	-35	-69	-22	-18	-57	-23	-10	
System Total		13456	13003	12784	12508	12350	12142	12015	11838	11785	11751	11702	11758	11960	12251	11900	11996	12384	13453	14231	14886	15195	15676	15975	16092
SRev ST-Coal		131	148	148	136	156	153	159	166	154	164	172	175	142	158	160	150	156	184	144	135	130	127	135	
SRev ST-Oil		-2	-3	-2	-2	-3	-3	-3	-3	-3	-3	-3	-3	-3	-2	-2	-2	-2	-2	-1	-1	-2	-1	-1	
SRev OCGT-Gas		0	0	0	0	0	0	0	0	0	0	0	0	0	0	3	-8	86	49	52	79	71	81	82	
SRev CCGT-Gas		553	550	722	609	739	935	1095	1224	1339	1169	1088	1017	881	483	820	832	1113	1102	542	178	227	487	489	
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	
SRev Co-Gen		2	1	4	2	3	4	2	3	2	2	1	2	1	3	3	4	1	1	2	3	2	2	3	
Syncon		1248	1248	1248	1248	1248	1248	1248	1248	1336	1336	1336	1336	1336	1349	1198	1349	1349	1122	845	622	622	622	622	
Hydro		124	108	127	126	121	130	121	129	131	127	117	128	89	115	134	202	126	251	137	135	244	425	437	
S.Reserve Total		2104	2100	2295	2167	2312	2515	2670	2815	2919	2755	2759	2703	2494	2140	2498	2569	2743	2737	2164	1884	1772	1937	1763	