

#### Availability at Daily Maximum Demand Hour

ST-Coal	0 MW
ST-Gas	0 MW
ST-Oil	0 MW
Gas	3,395 MW
Hydro	2,321 MW
Distillate	0 MW
<b>Total TNB</b>	<b>5,716 MW</b>
<b>Total IPP</b>	<b>13,646 MW</b>
<b>Total Co-Gen</b>	<b>20 MW</b>
<b>Total System</b>	<b>19,382 MW</b>

#### Generation Mix

Type	MWh	Percentage
Gas	70,130	19.64 %
Hydro	15,865	4.44 %
<b>Total TNB</b>	<b>85,995</b>	<b>24.08 %</b>
ST-Coal	182,220	51.03 %
ST-Gas	820	0.23 %
ST-Oil	5,573	1.56 %
Gas	78,873	22.09 %
Distillate	3,262	0.91 %
<b>Total IPP</b>	<b>270,748</b>	<b>75.82 %</b>
Co-Gen	115	0.03 %
<b>Total Co-Gen</b>	<b>115</b>	<b>0.03 %</b>
<b>Total Generation</b>	<b>356,858</b>	<b>99.94 %</b>
PLTG	382	0.11 %
HVDC	-608	-0.17 %
<b>Interconnection</b>	<b>-226</b>	<b>-0.06 %</b>
<b>Net Energy</b>	<b>357,084</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	18,318 MW
TNB Generation	4,498 MW
IPP Generation	12,476 MW
Spinning Reserve	1,344 MW
Maximum Demand	16,994 MW
Net Energy	357,084 MWH
Load Factor	87.55 %

#### Fuel Cost

Total Cost:	49,278,069.20 RM
Cost per Unit	14.45 cents/kWH

#### Average Spinning Reserve During Peak Hour

Type	MW
GT	440
Hydro	342
Syncon	530
Thermal	138
<b>Total</b>	<b>1,450</b>

Time	Weather	Temperature
Afternoon	Hot	32
Morning	Sunny	28

#### Gas Usage

Station	(mmscfd)
CBPS	29
GLGR	54
PAKA	202
PGPS	41
SRDG	11
TJGS	208
<b>Total TNB</b>	<b>544</b>

CBPS	54
MPSS	50
NPRI	73
PGLA	104
PKLG	8
PLPS	88
PTEK	9
SGB3	81
SGRI	90
SKSP	48
PKLG	9
<b>Total IPP</b>	<b>614</b>
<b>Total Gas</b>	<b>1,158</b>

<b>Total Gas Required</b>	<b>1,251</b>
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#### Alternate Fuel Usage

Station	(mmscfd)
PDPS	19
PTEK	11
SGB3	7
PKLG	55
<b>Total</b>	<b>93</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	14601	13818	13330	12923	12574	12334	12567	12397	12790	14719	15677	16387	16342	16087	16602	16972	16957	16408	15093	14989	15993	15902	15502	15068





### Daily MW Generation on Tuesday

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
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	37	37	34	37	33	31	33	33	29	22	25	28	36	31	25	34	34	31	34	33	80	79	80
TMGR	HY03	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	78	78	78	78	32	32	77	78	78
TMGR	HY04	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	80	80	80	80	32	33	80	80	80
UJLI	HY01	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	91	0	128	0	0	0	0	0	0
UJLI	HY02	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
UPLI	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
Total Hydro		523	461	448	444	452	445	436	347	350	330	303	305	324	186	176	138	157	155	372	590	714	996	1168	1309
PDPS	CT02	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
PDPS	CT03	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
PDPS	CT04	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
PTEK	CT1B	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
PTEK	CT2A	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SCB3	CT33	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
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	13	14	12	14	14	14	14	15	12	13	12	13	13	14	13	13	12	3	3	0	0	0	0	0
Total Co-Gen		13	14	12	14	14	14	14	15	12	13	12	13	13	14	13	13	12	3	3	0	0	0	0	0
Total Gen		14563	14193	13885	13511	13271	13159	12966	12682	12568	12499	12463	12488	12562	12688	12421	12273	12733	13862	14671	15364	15649	16097	16354	16553
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		-28	-28	-28	-31	-28	-28	-31	-30	-30	-28	-30	-30	-29	-29	-28	-28	-29	-29	-29	-29	-29	-29	-29	-29
TIE-PLTG		-10	43	95	-3	-31	5	71	-37	24	81	99	53	25	4	53	23	-28	-12	-20	42	1	-13	-4	
Interconnection		-38	15	67	-34	-59	-23	43	-67	-6	51	69	26	-5	-26	24	-5	-57	-40	-48	12	-28	-42	-33	
System Total		14601	14178	13818	13545	13330	13182	12923	12749	12574	12448	12334	12462	12567	12714	12397	12278	12790	14002	14719	15352	15677	16139	16387	
SRev ST-Coal		124	123	128	139	132	141	137	123	131	135	179	136	126	133	130	149	125	133	126	122	133	121	143	
SRev ST-Oil		-6	-6	-6	-5	-7	-7	-6	-6	-6	-6	-6	-8	-56	6	2	0	0	-7	-5	-5	-6	-5	-81	
SRev OCCT-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 CCCT-Gas		496	710	850	1210	1467	1563	1750	1960	2066	2112	2136	2097	2052	1723	2030	2201	1787	1453	906	359	452	367	259	
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 Distillate		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		7	6	8	6	6	6	5	8	7	8	7	7	6	7	6	7	8	17	17	0	0	0	0	
Syncon		881	881	881	881	881	881	881	881	881	881	881	881	881	881	881	881	881	881	881	881	881	881	881	
Hydro		271	135	148	152	144	151	160	148	145	165	192	190	171	259	269	156	137	139	275	459	276	205	396	
S.Reserve Total		1773	1849	2009	2383	2623	2735	2828	3212	3326	3395	3491	3406	3332	3045	3312	3602	3142	2825	2654	1411	1547	1141	1096	