

Availability at Daily Maximum Demand Hour

ST-Coal	0 MW
ST-Gas	0 MW
ST-Oil	0 MW
Gas	3,202 MW
Hydro	1,648 MW
Distillate	0 MW
Total TNB	<u>4,850 MW</u>
Total IPP	<u>13,873 MW</u>
Total Co-Gen	<u>60 MW</u>
Total System	<u>18,783 MW</u>

Generation Mix

Type	MWh	Percentage
Gas	66,273	19.23 %
Hydro	9,155	2.66 %
Total TNB	75,428	21.89 %
ST-Coal	186,992	54.27 %
ST-Gas	5,411	1.57 %
Gas	76,240	22.13 %
Total IPP	268,643	77.96 %
Co-Gen	1,135	0.33 %
Total Co-Gen	1,135	0.33 %
Total Generation	345,206	100.18 %
PLTG	-97	-0.03 %
HVDC	722	0.21 %
Interconnection	625	0.18 %
Net Energy	344,581	100.00 %

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:	16:00:00 Hour
Total Set On Bus	17,689 MW
TNB Generation	3,776 MW
IPP Generation	12,634 MW
Spinning Reserve	1,232 MW
Maximum Demand	16,448 MW
Net Energy	344,581 MWH
Load Factor	87.29 %

Fuel Cost

Total Cost:	48,760,722.70 RM
Cost per Unit	14.57 cents/kWH

Average Spinning Reserve During Peak Hour

Type	MW
GT	344
Hydro	213
Syncon	653
Thermal	108
Total	1,318

Time Weather Temperature

Afternoon	Hot	35
Morning	Cloudy	28

Gas Usage

Station	(mmscfd)
CBPS	58
GLGR	16
PAKA	193
PGPS	25
SRDG	21
TJGS	205
Total TNB	517

KLPP	94
MPSS	30
NPRI	72
PDPS	11
PKLG	14
PLPS	92
PTEK	32
SGB3	34
SGRI	182
SKSP	50
PKLG	53
Total IPP	665

Total Gas	1,182
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Total Gas Required	1,182
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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	13748	13151	12522	12175	11931	11695	12005	11883	12419	14234	15095	15798	15786	15492	16016	16387	16448	16068	14903	15040	15778	15635	15198	14669

Daily MW Generation on Wednesday

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	33	33	33	33	33	32	33	31	29	34	34	36	40	40	40	32	34	34	34	34	34	34	34	34
TMGR	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
TMGR	HY03	-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	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	-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
Total Hydro		258	356	352	371	395	355	357	349	332	321	146	152	164	190	188	149	158	198	179	166	199	388	593	609
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	CUFG	29	30	29	29	30	29	31	29	28	30	30	30	32	31	31	31	30	30	29	28	30	30	30	30
PCUF	CUFK	17	17	17	18	18	17	19	17	18	18	18	17	19	19	18	18	20	19	20	19	17	18	17	18
Total Co-Gen		46	47	46	47	48	46	50	46	46	48	48	47	51	50	50	50	51	49	47	46	47	47	47	47
Total Gen		13742	13347	13148	12778	12566	12430	12209	12116	12015	12006	11834	11910	12030	12139	12013	11909	12414	13309	14181	14655	15058	15519	15805	15930
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		30	30	30	30	31	31	30	30	30	29	29	31	29	29	29	30	29	31	31	29	30	30	30	30
TIE-PLTC		-36	13	-33	-12	13	25	4	21	54	127	109	126	-6	81	101	-14	-35	-58	-84	-42	-66	-39	-23	-55
Interconnection		-6	43	-3	18	44	55	34	51	84	157	139	155	25	110	130	15	-5	-28	-53	-11	-37	-8	7	-23
System Total		13748	13304	13151	12760	12522	12375	12175	12065	11931	11849	11695	11755	12005	12029	11883	11894	12419	13337	14234	14666	15095	15527	15798	15953
SRev ST-Coal		111	101	97	84	92	94	90	102	143	129	137	106	74	82	73	124	103	86	77	120	80	70	89	79
SRev OCGT-Gas		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	-4	2	2	-9	-8	-8	-4	-4	-4
SRev CCGT-Gas		456	850	988	1391	1621	1713	1944	2013	2056	2070	2059	2019	1947	1855	1988	2002	1528	898	658	449	123	105	222	126
SRev ST-Gas		38	38	37	37	37	37	38	38	37	37	37	37	37	38	38	37	37	37	37	41	16	10	7	3
SRev Co-Gen		14	13	14	13	12	14	10	14	14	12	12	13	9	10	10	10	9	10	9	11	13	14	13	13
Syncon		810	810	810	659	508	810	810	810	810	911	911	911	760	760	911	911	911	911	911	911	508	659	810	810
Hydro		140	142	146	278	405	143	141	149	166	177	151	145	133	258	260	148	139	99	118	131	98	412	406	239
S.Reserve Total		1569	1954	2092	2462	2675	2811	3033	3126	3226	3235	3307	3231	3112	3003	3128	3232	2727	2041	1810	1640	1237	1107	1384	1259