

Availability at Daily Maximum Demand Hour

ST-Coal	690 MW
ST-Gas	0 MW
ST-Oil	0 MW
Gas	3,817 MW
Hydro	2,135 MW
Distillate	0 MW
Total TNB	6,642 MW
Total IPP	9,776 MW
Total Co-Gen	30 MW
Total System	16,448 MW

Generation Mix

Type	MWh	Percentage
ST-Coal	16,205	5.75 %
Gas	67,810	24.08 %
Hydro	8,408	2.99 %
Total TNB	92,423	32.82 %
ST-Coal	91,939	32.65 %
ST-Gas	7,832	2.78 %
Gas	88,017	31.25 %
Total IPP	187,788	66.68 %
Co-Gen	698	0.25 %
Total Co-Gen	698	0.25 %
Total Generation	280,909	99.74 %
PLTG	-688	-0.24 %
EGAT	-34	-0.01 %
Interconnection	-722	-0.26 %
Net Energy	281,631	100.00 %

Maximum Demand Record

Date: 6/11/2014	16,901 MW
Date: 6/24/2014	355,911 MWH

Set On Bus, TNB, IPP And MD

Daily Maximum Demand Hour at:	21:00:00 Hour
Total Set On Bus	14,644 MW
TNB Generation	4,619 MW
IPP Generation	8,903 MW
Spinning Reserve	1,092 MW
Maximum Demand	13,573 MW
Net Energy	281,631 MWH
Load Factor	86.46 %

Fuel Cost

Total Cost:	41,371,073.10 RM
Cost per Unit	15.18 cents/kWH

Average Spinning Reserve During Peak Hour

Type	MW
GT	227
Hydro	252
Syncon	645
Thermal	14
Total	1,138

Time	Weather	Temperature
Afternoon	Cloudy	32
Morning	Cloudy	28

Gas Usage

Station	(mmscfd)
CBPS	58
GLGR	57
NPRI	17
PAKA	172
PGPS	53
SRDG	6
TJGS	168
Total TNB	530

KLPP	104
MPSS	1
PDPS	5
PGLA	112
PKLG	4
PLPS	97
PTEK	1
SGB3	91
SGRI	204
SKSP	61
PKLG	77
Total IPP	758

Total Gas	1,288
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Total Gas Required	1,288
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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	12444	11907	11467	11073	10784	10592	10620	10396	9896	10521	11062	11599	11750	11726	11975	12100	12145	11975	11754	12126	13450	13573	13312	13044

Daily MW Generation on Sunday

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
SIHY	HY01	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SIHY	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
SIHY	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	HY01	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	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
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	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	HY02	28	31	37	32	36	34	31	32	27	28	28	30	29	31	29	27	31	30	33	33	36	37	35	42
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
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
UPIA	HY02	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4
Total Hydro		272	267	267	257	301	269	261	192	185	185	183	208	188	241	190	178	189	189	195	200	208	227	247	
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	CUPK	28	30	30	28	29	31	32	30	30	29	30	30	30	31	31	30	30	31	31	32	31	29	29	30
Total Co-Gen		28	30	30	28	29	31	32	30	30	29	30	30	30	31	31	30	30	31	31	32	31	29	29	30
Total Gen		12415	12121	11886	11605	11422	11240	11053	10864	10772	10675	10584	10577	10570	10706	10386	10036	9938	10217	10476	10646	11017	11312	11548	
TIE-BGAT		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		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-PLTG		-29	-64	-21	-36	-45	-43	-20	-27	-12	-16	-8	-5	-50	28	-10	-11	42	7	-45	-31	-45	-35	-51	
Interconnection		-29	-64	-21	-36	-45	-43	-20	-27	-12	-16	-8	-5	-50	28	-10	-11	42	7	-45	-31	-45	-35	-51	
System Total		12444	12185	11907	11641	11467	11283	11073	10891	10784	10691	10592	10582	10620	10678	10396	10047	9896	10210	10521	10677	11062	11347	11599	
SRev ST-Coal		6	2	19	14	18	5	-7	16	12	5	-10	12	14	2	1	4	3	3	10	8	4	2	5	
SRev OCGT-Gas		73	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
SRev CCGT-Gas		191	114	259	192	-1	140	56	119	194	297	403	413	398	328	598	932	1042	781	748	763	563	309	100	
SRev ST-Gas		0	0	42	9	-1	23	40	38	38	38	37	37	37	37	37	37	39	37	3	57	35	25	15	
SRev Co-Gen		2	0	0	2	1	-1	-2	0	0	1	0	0	0	-1	-1	0	0	-1	-1	-2	-1	1	1	
Syncon		676	827	827	827	827	827	827	827	827	827	827	827	827	827	827	827	827	827	827	827	827	827	827	
Hydro		320	174	174	184	140	172	180	124	131	131	133	259	128	226	126	138	127	127	121	116	108	89	220	
S.Reserve Total		1268	1117	1321	1228	984	1166	1094	1124	1202	1299	1390	1397	1404	1268	1588	1938	2036	1776	1742	1715	1588	1263	1027	