

Availability at Daily Maximum Demand Hour

ST-Coal	1,460 MW
ST-Gas	0 MW
ST-Oil	0 MW
Gas	3,281 MW
Hydro	1,838 MW
Distillate	0 MW
Total TNB	6,579 MW
Total IPP	10,058 MW
Total Co-Gen	0 MW
Total System	16,922 MW

Generation Mix

Type	MWh	Percentage
ST-Coal	42,662	14.42 %
Gas	42,121	14.24 %
Hydro	11,279	3.81 %
Total TNB	96,062	32.47 %
ST-Coal	108,890	36.80 %
Gas	88,934	30.06 %
Total IPP	197,824	66.86 %
Co-Gen	1,176	0.40 %
Total Co-Gen	1,176	0.40 %
Total Generation	295,062	99.72 %
PLTG	-127	-0.04 %
HVDC	-696	-0.24 %
Interconnection	-823	-0.28 %
Net Energy	295,885	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:	20:00:00 Hour
Total Set On Bus	14,628 MW
TNB Generation	4,505 MW
IPP Generation	8,985 MW
Spinning Reserve	1,093 MW
Maximum Demand	13,551 MW
Net Energy	295,885 MWH
Load Factor	90.97 %

Fuel Cost

Total Cost:	37,508,062.69 RM
Cost per Unit	13.21 cents/kWH

Average Spinning Reserve During Peak Hour

Type	MW
GT	321
Hydro	169
Syncon	400
Thermal	26
Total	916

Time Weather Temperature

Time	Weather	Temperature
Afternoon	Hot	33
Morning	Cloudy	26

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	12636	11961	11591	11495	11130	10835	11075	10730	10711	12014	12881	13467	13228	12757	12940	12989	12981	12754	12518	12705	13552	13344	12853	12457

Gas Usage

Station	(mmscfd)
CBPS	5
GLGR	56
PAKA	4
PAKA	96
PGPS	45
SRDG	9
TJGS	109
Total TNB	324
KLPP	104
MPSS	60
PDPS	18
PGLA	109
PTEK	18
SGRI	200
SKSP	51
YPGS	70
YPKA	68

Total IPP 698

Total Gas 1,022

Total Gas Required 1,022

Alternate Fuel Usage

Station	(mmscfd)
Total	0

Daily MW Generation on Saturday

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	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	-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	29	38	28	32	22	34	38	32	36	34	34	33	38	38	37	33	38	39	41	40	65	46	75	40
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
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		308	243	207	216	197	222	273	211	235	216	228	215	263	220	214	206	217	277	356	378	595	711	900	
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	
PCUF	CUPG	19	18	18	17	18	17	18	18	18	18	19	18	18	17	18	17	18	17	18	18	17	18	18	18
PCUF	CUPK	36	37	36	37	36	36	36	38	36	36	37	39	36	37	38	36	35	31	31	31	30	30	28	37
Total Co-Gen		55	55	54	54	54	53	54	56	54	54	56	55	57	54	55	56	57	55	53	49	48	49	50	
Total Gen		12643	12194	11945	11963	11600	11399	11412	11170	11102	11045	10786	10839	10962	11068	10765	10587	10682	11358	11965	12311	12860	13071	13486	
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	-29	-29	-29	-29	-30	-30	-30	-29	-29	-29	-29	-29	-30	-30	-30	-29	-30	-30	-29	-30	-30	-28	-28
TIE-PLTG		36	-35	13	-23	38	-47	-53	61	2	-18	-21	33	-84	11	64	29	0	-22	-19	-30	9	-23	49	-21
Interconnection		7	-64	-16	-52	9	-77	-83	31	-28	-46	-49	4	-113	-18	35	0	-29	-52	-49	-60	-21	-53	19	-49
System Total		12636	12258	11961	12015	11591	11476	11495	11139	11130	11091	10835	10835	11075	11086	10730	10587	10711	11410	12014	12371	12881	13124	13467	
SRev ST-Coal		57	54	26	-2	32	26	11	29	30	34	28	35	8	-2	27	116	209	30	41	23	50	40	33	33
SRev OCGT-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 CCGT-Gas		213	422	374	486	706	754	582	773	862	896	1175	1101	1066	924	1243	1365	1189	1128	587	537	282	296	158	200
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		21	21	22	22	22	23	22	20	22	22	20	21	19	22	21	20	19	21	23	27	28	27	26	30
Syncon		719	720	719	719	719	568	719	719	719	719	719	719	719	568	568	568	568	568	568	568	719	417	568	568
Hydro		143	84	121	112	131	106	206	116	92	112	100	113	65	107	113	121	110	79	200	195	228	233	125	243
S.Reserve Total		1153	1301	1262	1337	1610	1628	1389	1657	1725	1783	2042	1989	1877	1770	2123	2341	2246	1977	1419	1350	1156	1164	938	