

Availability at Daily Maximum Demand Hour

ST-Coal	3,080 MW
ST-Gas	0 MW
ST-Oil	0 MW
Gas	3,560 MW
Hydro	1,590 MW
Distillate	0 MW
Total TNB	8,230 MW
Total IPP	9,087 MW
Total Co-Gen	0 MW
Total System	17,887 MW

Generation Mix

Type	MWh	Percentage
ST-Coal	68,279	22.52 %
Gas	63,088	20.81 %
Hydro	10,162	3.35 %
Total TNB	141,529	46.68 %
ST-Coal	70,857	23.37 %
Gas	89,786	29.61 %
Total IPP	160,643	52.98 %
Co-Gen	1,585	0.52 %
Total Co-Gen	1,585	0.52 %
Total Generation	303,757	100.18 %
PLTG	-183	-0.06 %
EGAT	-5	0.00 %
HVDC	729	0.24 %
Interconnection	541	0.18 %
Net Energy	303,216	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:	20:30:00 Hour
Total Set On Bus	15,281 MW
TNB Generation	6,530 MW
IPP Generation	7,633 MW
Spinning Reserve	1,052 MW
Maximum Demand	14,192 MW
Net Energy	303,216 MWH
Load Factor	89.02 %

Fuel Cost

Total Cost:	42,518,660.77 RM
Cost per Unit	14.48 cents/kWH

Average Spinning Reserve During Peak Hour

Type	MW
GT	282
Hydro	177
Syncon	599
Thermal	130
Total	1,188

Time	Weather	Temperature
Afternoon	Hot	32
Morning	Cloudy	26

Gas Usage

Station	(mmscfd)
CBPS	4
CBPS	58
GLGR	37
PAKA	97
PGPS	50
SRDG	17
TJGS	216
Total TNB	479

KLPP	46
MPSS	63
PDPS	16
PGLA	111
PKLG	16
PLPS	110
PTEK	15
SGB3	99
SGRI	174
YPKA	67
Total IPP	715

Total Gas	1,194
Total Gas Required	1,194

Alternate Fuel Usage

Station	(mmscfd)
Total	0

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	12841	12424	12023	11641	11158	10940	11097	10944	10745	11785	12655	13328	13392	13068	13430	13497	13517	13214	12941	13213	14121	14063	13683	13388

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
PGAU	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
PGAU	HY04	-1	-1	20	-1	-1	-1	21	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	20	-1	-1	-1	-1	-1	-1
SIHY	HY02	0	0	0	0	0	0	0	0	0	0	0	0	0	25	50	50	50	50	50	50	50	50	50	50
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	31	33	33	33	35	33	34	35	35	35	34	34	36	35	35	85	83	85	35	34	33	30	33	33
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	4	4	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
UPIA	HY02	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
Total Hydro		422	437	275	186	198	193	194	198	218	206	198	199	219	198	218	200	202	213	201	385	393	604	585	575
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	38	36	38	37	37	37	38	37	38	38	38	37	38	38	37	37	35	36	34	35	32	32	33	33
PCUF	CUFK	31	30	31	29	30	30	32	30	31	30	29	29	31	30	31	30	31	30	29	29	31	30	29	30
Total Co-Gen		69	66	69	66	67	67	70	67	69	68	66	67	70	67	69	67	68	66	66	64	64	61	63	63
Total Gen		12865	12670	12431	12176	12015	11651	11666	11284	11158	11079	11021	10964	11107	11089	10996	10660	10784	11463	11763	12330	12648	13113	13340	13391
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	30	30	30	30	31	31	30	30	31	31	30	30	31	31	31	31	30	30	30	30
TIE-PLTG		-6	-38	-23	21	-38	-35	-5	1	-30	-25	50	2	-21	19	21	40	8	-16	-53	-10	-37	-28	-19	17
Interconnection		24	-8	7	52	-8	-5	25	32	0	6	81	33	10	50	52	70	39	15	-22	20	-7	2	12	48
System Total		12841	12678	12424	12124	12023	11656	11641	11352	11158	11073	10940	10931	11097	11039	10944	10590	10745	11448	11785	12210	12655	13111	13328	13343
SRev ST-Coal		203	200	204	249	184	192	171	187	210	262	266	261	234	216	215	178	164	174	192	109	159	95	130	105
SRev OCGT-Gas		36	20	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	7	6	12	13	13
SRev CCGT-Gas		200	75	90	217	122	612	622	889	1088	1027	1058	1081	1056	1124	1137	1469	1362	685	353	457	249	122	152	126
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		-25	-22	-25	-22	-23	-23	-26	-23	-25	-24	-22	-23	-26	-23	-23	-24	-25	-23	-25	-23	-24	-22	-22	-20
Syncon		625	625	575	827	827	827	827	676	726	726	726	575	726	575	726	726	726	625	625	474	625	625	625	625
Hydro		185	170	282	119	107	112	111	107	238	100	108	107	238	108	239	106	104	93	105	72	69	307	299	309
S.Reserve Total		1229	1073	1131	1395	1222	1725	1710	1992	2192	2096	2141	2157	2082	2156	2146	2461	2337	1658	1358	1243	1086	980	1196	1156