

Availability at Daily Maximum Demand Hour

ST-Coal	1,718 MW
ST-Gas	0 MW
ST-Oil	0 MW
Gas	4,231 MW
Hydro	1,568 MW
Distillate	0 MW
Total TNB	7,517 MW
Total IPP	9,191 MW
Total Co-Gen	0 MW
Total System	16,708 MW

Generation Mix

Type	MWh	Percentage
ST-Coal	46,514	16.90 %
Gas	62,787	22.81 %
Hydro	8,061	2.93 %
Total TNB	117,362	42.64 %
ST-Coal	92,154	33.48 %
ST-Gas	8,724	3.17 %
Gas	53,968	19.61 %
Total IPP	154,846	56.26 %
Co-Gen	1,841	0.67 %
Total Co-Gen	1,841	0.67 %
Total Generation	274,049	99.57 %
PLTG	-1,902	-0.69 %
EGAT	-5	0.00 %
HVDC	728	0.26 %
Interconnection	-1,179	-0.43 %
Net Energy	275,228	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:	19:30:00 Hour
Total Set On Bus	13,821 MW
TNB Generation	5,748 MW
IPP Generation	7,063 MW
Spinning Reserve	933 MW
Maximum Demand	12,988 MW
Net Energy	275,228 MWH
Load Factor	88.29 %

Fuel Cost

Total Cost:	33,420,540.79 RM
Cost per Unit	12.56 cents/kWH

Average Spinning Reserve During Peak Hour

Type	MW
GT	231
Hydro	129
Syncon	609
Thermal	80
Total	1,049

Time	Weather	Temperature
Afternoon	Hot	32
Morning	Cloudy	28

Gas Usage

Station	(mmscfd)
CBPS	2
CBPS	34
GLGR	57
PAKA	122
PGPS	30
SRDG	8
TJGS	216
Total TNB	469
KLPP	78
MPSS	36
PDPS	3
PKLG	2
PLPS	101
SGRI	189
YPKA	25
PKLG	86
Total IPP	520
Total Gas	989
Total Gas Required	989

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	12054	11495	11050	10975	10660	10473	10516	10164	9963	10408	11090	11627	11699	11701	11884	11892	11664	11652	11511	12446	12946	12838	12346	12084

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
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		397	449	399	364	201	206	275	208	252	224	207	220	233	198	249	224	192	210	238	213	394	406	459	456
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	CUPG	40	40	40	41	40	42	39	40	40	39	40	38	39	39	41	39	42	37	37	37	36	35	35	33
PCUF	CUFK	38	40	39	40	39	39	39	41	41	39	38	40	41	38	40	38	38	40	40	40	38	39	38	39
Total Co-Gen		78	80	79	81	79	81	78	81	81	78	78	80	77	81	77	80	77	76	77	76	74	74	73	72
Total Gen		12036	11742	11462	11460	11076	11096	10948	10677	10608	10597	10470	10467	10484	10477	10146	10004	9967	10088	10402	10596	11001	11377	11539	11666
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	31	31	30	31	31	31	31	31	31	31	31	31	31	31	31	30	30	30	30	30	31
TIE-PLTG		-48	-141	-63	-16	-4	-2	-57	-84	-83	-83	-33	-60	-63	1	-48	-57	-27	35	-35	-113	-120	-24	-119	-73
Interconnection		-18	-110	-33	14	26	28	-27	-52	-52	-52	-3	-30	-32	32	-18	-26	4	63	-6	-83	-89	7	-88	-42
System Total		12054	11852	11495	11446	11050	11068	10975	10729	10660	10649	10473	10497	10516	10445	10164	10030	9963	10025	10408	10679	11090	11370	11627	11708
SRev ST-Coal		12	46	35	39	60	24	21	27	16	29	26	32	30	32	26	272	344	36	8	9	22	29	23	27
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		421	71	229	134	302	275	346	694	669	636	726	706	705	720	1026	826	909	1061	792	626	325	263	297	261
SRev ST-Gas		3	23	23	23	23	23	15	79	74	73	73	73	73	73	73	74	74	75	75	74	79	81	81	74
SRev Co-Gen		-3	-4	-3	-5	-3	-5	-2	-5	-5	-2	-2	-2	-4	-1	-5	-1	-4	-1	0	-1	0	2	2	3
Syneon		727	727	727	727	727	727	576	727	727	727	727	727	576	727	727	727	576	425	727	727	727	727	727	727
Hydro		212	160	210	205	118	113	195	111	67	95	112	99	237	120	70	95	127	109	232	106	276	163	107	101
S.Reserve Total		1373	1023	1221	1123	1227	1157	1228	1502	1597	1531	1645	1648	1630	1637	1967	1967	2145	2024	1711	1517	1254	1225	1293	1206