

Availability at Daily Maximum Demand Hour

ST-Coal	3,040 MW
ST-Gas	0 MW
ST-Oil	0 MW
Gas	4,016 MW
Hydro	2,100 MW
Distillate	0 MW
Total TNB	9,156 MW
Total IPP	8,259 MW
Total Co-Gen	28 MW
Total System	18,013 MW

Generation Mix

Type	MWh	Percentage
ST-Coal	66,464	21.95 %
Gas	73,043	24.12 %
Hydro	7,679	2.54 %
Total TNB	147,186	48.61 %
ST-Coal	92,043	30.40 %
Gas	64,102	21.17 %
Total IPP	156,145	51.57 %
Co-Gen	469	0.15 %
Total Co-Gen	469	0.15 %
Total Generation	303,800	100.33 %
PLTG	339	0.11 %
EGAT	-33	-0.01 %
HVDC	693	0.23 %
Interconnection	999	0.33 %
Net Energy	302,801	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	15,349 MW
TNB Generation	6,990 MW
IPP Generation	7,205 MW
Spinning Reserve	1,134 MW
Maximum Demand	14,227 MW
Net Energy	302,801 MWH
Load Factor	88.68 %

Fuel Cost

Total Cost:	41,398,973.20 RM
Cost per Unit	13.99 cents/kWH

Average Spinning Reserve During Peak Hour

Type	MW
GT	274
Hydro	229
Syncon	792
Thermal	125
Total	1,420

Time	Weather	Temperature
Afternoon	Cloudy	35
Morning	Cloudy	27

Gas Usage

Station	(mmscfd)
CBPS	38
GLGR	56
NPRI	19
PAKA	202
PGGS	1
PGPS	37
SRDG	9
TJGS	197
Total TNB	558
KLPP	97
PGLA	111
PKLG	1
PLPS	99
SGRI	134
SKSP	53
Total IPP	495
Total Gas	1,053
Total Gas Required	1,053

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	13769	13172	12646	12187	11886	11591	11471	11206	10766	11177	11933	12474	12582	12574	12885	13067	13079	12857	12506	12617	14083	14166	14109	13862

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
SYPS	HY04	25	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	30	30	30	29	32	33	32	30	24	26	23	31	32	32	30	24	32	43	42	44	43	51	90	38
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		423	175	175	173	177	179	176	174	159	162	156	176	198	177	196	183	189	213	212	217	215	234	610	547
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	2	3	3	2	3	3	3	4	3	4	4	4	3	3	3	3	2	3	3	3	3	3	3	3
PCUF	CUFK	18	16	15	16	16	17	15	16	17	16	16	16	16	16	15	17	17	16	17	17	17	17	17	16
Total Co-Gen		20	19	18	18	19	20	18	20	20	20	20	19	19	19	20	20	19	19	20	21	22	20	18	19
Total Gen		13836	13461	13270	12919	12691	12435	12250	12073	11937	11706	11688	11561	11548	11527	11309	10918	10838	10999	11178	11606	11923	12113	12488	12637
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		31	31	31	31	31	31	30	30	31	31	31	31	30	30	31	31	31	31	31	30	30	25	30	25
TIE-PLTG		36	7	67	1	14	34	32	20	20	60	67	36	46	3	73	70	42	-21	-30	36	-39	-78	-16	-44
Interconnection		67	38	98	31	45	64	63	50	51	91	97	67	77	32	103	100	72	10	1	66	-10	-47	14	-13
System Total		13769	13423	13172	12888	12646	12371	12187	12023	11886	11615	11591	11494	11471	11495	11206	10818	10766	10989	11177	11540	11933	12160	12474	12650
SRcv ST-Coal		136	141	149	135	135	137	143	144	135	148	131	137	133	139	138	141	128	140	132	135	141	130	146	126
SRcv OCGT-Gas		9	128	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SRcv CCGT-Gas		208	255	179	435	182	291	322	355	405	628	655	997	1133	1169	1120	1494	1594	1446	1170	747	420	254	382	321
SRcv 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
SRcv Co-Gen		8	9	10	10	9	8	10	8	8	8	8	8	9	9	9	9	8	8	9	9	8	8	8	9
Syncon		953	953	953	953	953	953	953	953	953	953	953	802	953	802	802	802	802	802	802	802	802	802	802	802
Hydro		143	141	141	143	139	137	140	142	157	154	160	140	269	139	271	284	278	254	255	250	252	233	146	209
S.Reserve Total		1457	1627	1432	1676	1418	1526	1568	1602	1658	1891	1907	2235	2346	2409	2340	2730	2810	2650	2368	1943	1623	1427	1484	1466