

Availability at Daily Maximum Demand Hour

ST-Coal	2,310 MW
ST-Gas	0 MW
ST-Oil	0 MW
Gas	2,894 MW
Hydro	1,686 MW
Distillate	0 MW
Total TNB	6,890 MW
Total IPP	10,830 MW
Total Co-Gen	10 MW
Total System	18,300 MW

Generation Mix

Type	MWh	Percentage
ST-Coal	50,376	16.52 %
Gas	45,446	14.90 %
Hydro	10,031	3.29 %
Total TNB	105,853	34.72 %
ST-Coal	126,129	41.36 %
Gas	71,340	23.40 %
Total IPP	197,469	64.76 %
Co-Gen	97	0.03 %
Total Co-Gen	97	0.03 %
Total Generation	303,419	99.51 %
PLTG	-444	-0.15 %
HVDC	-1,055	-0.35 %
Interconnection	-1,499	-0.49 %
Net Energy	304,918	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	15,532 MW
TNB Generation	4,988 MW
IPP Generation	9,012 MW
Spinning Reserve	1,529 MW
Maximum Demand	13,993 MW
Net Energy	304,918 MWH
Load Factor	90.79 %

Fuel Cost

Total Cost:	38,141,040.55 RM
Cost per Unit	12.99 cents/kWH

Average Spinning Reserve During Peak Hour

Type	MW
GT	470
Hydro	321
Syncon	537
Thermal	122
Total	1,450

Time	Weather	Temperature
Afternoon	Cloudy	35
Morning	Sunny	28

Gas Usage

Station	(mmscfd)
CBPS	55
GLGR	53
NPRI	36
PAKA	98
SRDG	6
TJGS	104
Total TNB	352
KLPP	95
MPSS	58
PDPS	3
PGLA	54
PKLG	6
PLPS	91
PTEK	2
SGB3	38
SGRI	174
SKSP	49
Total IPP	569
Total Gas	922
Total Gas Required	922

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	12776	12274	11868	11529	11311	11227	11270	11062	11028	12312	13141	13692	13641	13249	13571	13573	13655	13341	13006	13579	13859	13653	13183	12881

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
TMGR	HY02	-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
UPLA	HY01	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4
UPLA	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		402	403	399	432	325	277	267	253	248	195	198	207	203	215	213	200	221	280	323	536	559	612	739	970
Total Disillate		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	CUFK	4	4	4	4	4	4	5	2	5	4	3	4	5	4	4	4	4	5	4	5	3	4	4	4
Total Co-Gen		4	4	4	4	4	4	5	2	5	4	3	4	5	4	4	4	4	5	4	5	3	4	4	4
Total Gen		12724	12457	12192	12032	11757	11711	11462	11399	11198	11139	11165	11123	11196	11234	11035	10845	10887	11644	12200	12825	13086	13433	13684	13710
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		-58	-58	-59	-59	-59	-59	-58	-58	-59	-59	-58	-58	-60	-60	-59	-59	-53	0	0	0	0	0	0	0
TIE-PLTG		7	-12	-23	-6	-52	-9	-8	36	-55	-4	-3	69	-16	-74	32	-1	-82	-16	-38	50	-55	-52	-8	-59
Interconnection		-52	-71	-82	-65	-111	-68	-67	-23	-113	-62	-62	11	-74	-132	-27	-61	-141	-76	-112	50	-55	-52	-8	-59
System Total		12776	12528	12274	12097	11868	11779	11529	11422	11311	11201	11227	11112	11270	11366	11062	10906	11028	11720	12112	12775	13141	13485	13692	13769
SRev ST-Coal		110	117	111	123	154	159	153	180	174	158	163	168	312	306	317	441	424	156	122	101	128	145	53	166
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		922	597	724	907	1071	998	1298	1374	1536	1562	1533	1581	1353	1332	1513	1566	1564	1143	856	774	571	354	415	417
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		6	6	6	6	6	6	5	8	5	6	7	6	5	6	6	6	6	6	5	6	5	7	6	6
Sycon		726	726	726	726	575	575	726	726	726	575	726	726	575	726	726	575	575	575	575	575	575	575	575	575
Hydro		127	128	132	99	156	254	264	127	132	135	132	275	128	116	269	130	109	202	289	294	271	247	270	412
S.Reserve Total		1916	1574	1699	1861	2113	1992	2295	2415	2573	2612	2561	2605	2524	2486	2680	2869	2829	2082	1847	1759	1550	1328	1386	1183