

Availability at Daily Maximum Demand Hour

ST-Coal	2,870 MW
ST-Gas	0 MW
ST-Oil	0 MW
Gas	3,934 MW
Hydro	1,781 MW
Distillate	0 MW
Total TNB	8,585 MW
Total IPP	11,044 MW
Total Co-Gen	77 MW
Total System	20,273 MW

Generation Mix

Type	MWh	Percentage
ST-Coal	59,562	19.35 %
Gas	38,731	12.58 %
Hydro	6,095	1.98 %
Total TNB	104,388	33.91 %
ST-Coal	111,814	36.32 %
Gas	90,525	29.40 %
Total IPP	202,339	65.73 %
Co-Gen	1,062	0.34 %
Total Co-Gen	1,062	0.34 %
Total Generation	307,789	99.98 %
PLTG	-67	-0.02 %
Interconnection	-67	-0.02 %
Net Energy	307,856	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	15,353 MW
TNB Generation	5,172 MW
IPP Generation	9,029 MW
Spinning Reserve	1,113 MW
Maximum Demand	14,218 MW
Net Energy	307,856 MWH
Load Factor	90.22 %

Fuel Cost

Total Cost:	38,116,828.78 RM
Cost per Unit	12.63 cents/kWH

Average Spinning Reserve During Peak Hour

Type	MW
GT	304
Hydro	93
Syncon	567
Thermal	25
Total	989

Time Weather Temperature

Afternoon	Hot	35
Morning	Sunny	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	13318	12719	12129	11852	11509	11259	11258	11060	10831	12131	12949	13547	13663	13296	13611	13572	13816	13533	13047	12986	14206	14003	13725	13458

Gas Usage

Station	(mmscfd)
CBPS	2
GLGR	55
PAKA	1
PGPS	5
SRDG	2
TJGS	208
Total TNB	273
KLPP	94
MPSS	3
PGLA	107
PLPS	86
SGRI	194
SKSP	3
YPGS	70
YPKA	137
Total IPP	694
Total Gas	966
Total Gas Required	966

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																									
Interconnection		-49	-32	-60	-5	-62	-49	12	-59	-38	-4	12	-19	-43	-1	44	-10	33	-36	-28	-4	14	-15	73	8	15	12	67	6	-10	-19	18	31	-45	8	19	-6	78	38	-39	10	1	22	17	-6	-7	-24	41	-38	
System Total		13318	13042	12719	12330	12129	11989	11852	11588	11509	11291	11259	11282	11258	11415	11060	10936	10831	11538	12131	12572	12949	13392	13547	13852	13663	13393	13296	13388	13611	13650	13872	13603	13816	13733	13533	13230	13047	12950	12986	13585	14206	14218	14003	13950	13725	13656	13458	13392	
SRev ST-Coal		52	38	54	47	37	39	13	11	231	333	221	42	221	196	208	384	449	487	239	-11	-20	50	19	14	25	34	39	22	31	12	30	27	23	29	20	78	102	69	19	24	28	23	26	16	10	23	57	61	
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	0	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		397	401	319	503	347	233	593	1089	927	910	1018	1187	1269	1204	1559	1609	1620	1067	751	819	584	423	369	109	265	376	412	543	318	312	332	300	197	224	379	611	680	883	979	330	89	180	284	229	345	145	234	180	
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	0	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		32	36	30	32	32	31	32	30	30	31	31	28	30	30	30	29	30	31	29	32	34	32	34	32	30	33	32	30	30	29	31	30	28	29	29	36	36	36	40	41	37	37	35	30	28	30	29		
Syncon		573	573	573	573	573	724	724	724	573	573	724	724	724	724	724	724	724	724	724	724	724	724	724	724	724	724	724	724	724	724	724	724	724	724	724	724	724	724	724	724	724	724	724	724	724	724	724	724	
Hydro		123	119	153	145	136	67	78	81	207	211	80	101	76	96	119	94	83	96	72	111	94	193	76	99	116	121	119	118	124	119	123	111	82	81	123	130	117	127	122	113	133	120	174	115	115	106	114	101	
S.Reserve Total		1177	1167	1129	1300	1125	1094	1440	1935	1968	2058	2074	2082	2320	2250	2640	2841	2905	2404	1817	1672	1414	1273	1220	980	1162	1285	1327	1439	1227	1197	1238	1193	1056	1086	1275	1572	1659	1839	1880	1231	967	1113	1328	1203	1306	1026	1159	1095	