

Availability at Daily Maximum Demand Hour

ST-Coal	3,040 MW
ST-Gas	0 MW
ST-Oil	0 MW
Gas	3,607 MW
Hydro	1,656 MW
Distillate	0 MW
Total TNB	8,303 MW
Total IPP	10,244 MW
Total Co-Gen	0 MW
Total System	19,111 MW

Generation Mix

Type	MWh	Percentage
ST-Coal	67,127	21.50 %
Gas	35,239	11.29 %
Hydro	9,722	3.11 %
Total TNB	112,088	35.90 %
ST-Coal	91,549	29.32 %
Gas	106,052	33.96 %
Total IPP	197,601	63.28 %
Co-Gen	834	0.27 %
Total Co-Gen	834	0.27 %
Total Generation	310,523	99.45 %
PLTG	-1,031	-0.33 %
HVDC	-701	-0.22 %
Interconnection	-1,732	-0.55 %
Net Energy	312,255	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:	20:00:00 Hour
Total Set On Bus	15,222 MW
TNB Generation	5,460 MW
IPP Generation	8,771 MW
Spinning Reserve	958 MW
Maximum Demand	14,296 MW
Net Energy	312,255 MWH
Load Factor	91.01 %

Fuel Cost

Total Cost:	42,089,944.51 RM
Cost per Unit	13.99 cents/kWH

Average Spinning Reserve During Peak Hour

Type	MW
GT	247
Hydro	270
Syncon	604
Thermal	49
Total	1,170

Time	Weather	Temperature
Afternoon	Hot	35
Morning	Sunny	25

Gas Usage

Station	(mmscfd)
CBPS	46
GLGR	55
PAKA	1
PGPS	50
SRDG	9
TJGS	107
Total TNB	269
KLPP	107
MPSS	61
PDPS	2
PGLA	110
PLPS	100
SGB3	62
SGRI	172
YPGS	69
YPKA	136
Total IPP	819
Total Gas	1,088
Total Gas Required	1,088

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	13422	12806	12402	11916	11712	11495	11481	11383	11318	12343	13354	13974	13890	13523	13747	13893	13883	13504	13064	13212	14296	14126	13670	13398

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
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	35	37	36	36	36	37	37	37	36	37	38	36	36	38	36	37	36	37	36	37	36	37	36	36
Total Co-Gen		35	37	36	36	36	37	37	37	36	37	38	36	36	38	36	37	36	37	36	37	36	37	36	36
Total Gen		13328	12905	12739	12454	12380	12085	11827	11663	11688	11436	11396	11406	11413	11386	11330	11170	11239	11831	12276	12641	13266	13656	13853	13996
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	-29	-29	-29	-29	-29	-29	-29	-29	-29	-29	-29	-30	-30	-30	-28	-28	-30	-30	-29	-29	-29	-29	-29
TIE-PLTG		-65	-71	-38	-76	-22	-88	-61	23	5	-35	-70	-40	-39	-88	-25	-33	-50	-42	-37	-74	-59	-41	-92	-145
Interconnection		-94	-99	-67	-105	-52	-117	-89	-7	-24	-64	-99	-69	-68	-117	-53	-62	-79	-72	-67	-103	-88	-69	-121	-175
System Total		13422	13084	12806	12559	12402	12202	11916	11670	11712	11500	11495	11475	11481	11503	11383	11232	11318	11903	12343	12744	13354	13725	13974	14171
SRev ST-Coal		256	260	109	77	106	100	87	96	101	102	97	90	92	72	97	83	179	62	64	61	64	27	47	29
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		356	317	202	400	361	619	870	1019	994	1249	1304	1326	1304	1352	1383	1521	1447	1019	560	244	433	219	153	103
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		9	7	8	8	8	7	7	7	8	7	8	7	6	8	8	6	8	7	8	7	8	10	10	11
Syncon		726	827	827	827	676	827	827	827	827	827	676	827	676	676	827	827	827	827	827	625	625	625	625	474
Hydro		124	114	126	109	234	97	117	123	117	114	103	230	93	241	241	128	105	105	116	273	210	242	328	413
S.Reserve Total		1471	1525	1272	1421	1385	1650	1908	2072	2047	2299	2339	2329	2322	2349	2405	2565	2566	2020	1575	1210	1340	1123	1163	1030