

Availability at Daily Maximum Demand Hour

ST-Coal	2,070 MW
ST-Gas	0 MW
ST-Oil	0 MW
Gas	3,767 MW
Hydro	1,866 MW
Distillate	0 MW
Total TNB	7,703 MW
Total IPP	10,878 MW
Total Co-Gen	0 MW
Total System	19,151 MW

Generation Mix

Type	MWh	Percentage
ST-Coal	48,481	15.87 %
Gas	46,547	15.24 %
Hydro	16,514	5.41 %
Total TNB	111,542	36.51 %
ST-Coal	100,867	33.02 %
Gas	92,572	30.30 %
Total IPP	193,439	63.32 %
Co-Gen	1,269	0.42 %
Total Co-Gen	1,269	0.42 %
Total Generation	306,250	100.25 %
PLTG	50	0.02 %
EGAT	-5	0.00 %
HVDC	730	0.24 %
Interconnection	775	0.25 %
Net Energy	305,475	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	15,090 MW
TNB Generation	5,451 MW
IPP Generation	8,646 MW
Spinning Reserve	940 MW
Maximum Demand	14,136 MW
Net Energy	305,475 MWH
Load Factor	90.04 %

Fuel Cost

Total Cost:	38,299,591.22 RM
Cost per Unit	13.20 cents/kWH

Average Spinning Reserve During Peak Hour

Type	MW
GT	253
Hydro	259
Syncon	337
Thermal	45
Total	894

Time	Weather	Temperature
Afternoon	Hot	33
Morning	Sunny	27

Gas Usage

Station	(mmscfd)
CBPS	2
GLGR	56
PGPS	50
SRDG	3
TJGS	220
Total TNB	331
KLPP	96
MPSS	17
PDPS	1
PGLA	106
PLPS	85
SGB3	5
SGRI	177
SKSP	61
YPGS	70
YPKA	98
Total IPP	714

Total Gas	1,045
Total Gas Required	1,045

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	13281	12535	12070	11689	11317	11182	11256	11181	10978	12003	12823	13461	13451	13180	13501	13595	13600	13274	12982	12912	14137	13974	13670	13349

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	13	13	15	12	13	15	14	14	14	13	13	14	14	13	14	12	13	13	14	13	15	13	12	13
PCUF	CUFK	40	40	39	38	40	40	39	42	40	40	40	40	40	38	41	40	40	39	38	39	37	38	39	40
Total Co-Gen		53	53	54	50	53	55	53	56	54	53	54	54	52	54	53	55	50	52	54	52	53	54	51	54
Total Gen		13349	12883	12617	12466	12128	12016	11700	11631	11395	11333	11185	11326	11233	11259	11166	11094	11009	11670	12038	12464	12890	13177	13483	13549
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	30	30	30	30	30	31	31	30	30	30	30	30	30	30	31	31	30	30	30	30	30
TIE-PLTG		37	-46	51	41	28	8	-19	-27	48	0	-28	-14	-53	123	-45	62	1	77	4	-20	37	23	-8	16
Interconnection		68	-15	82	72	58	38	11	3	78	31	3	16	-23	153	-15	92	31	108	35	11	67	53	22	46
System Total		13281	12898	12535	12394	12070	11978	11689	11628	11317	11302	11182	11310	11256	11106	11181	11002	10978	11562	12003	12453	12823	13124	13461	13503
SRev ST-Coal		34	26	37	50	67	28	35	42	40	47	39	27	44	7	-21	19	53	44	31	55	48	45	29	46
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		322	563	341	306	265	221	424	518	717	784	947	825	921	937	1175	1236	1351	929	975	713	484	271	131	138
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		23	23	22	26	23	21	23	20	22	23	22	22	24	22	22	23	22	23	21	26	24	22	24	25
Syneon		624	624	473	624	624	725	725	574	725	725	574	725	725	574	725	725	473	624	624	624	473	473	322	473
Hydro		93	102	241	111	113	109	113	235	121	108	228	91	222	114	119	145	115	318	108	110	292	335	338	246
S.Reserve Total		1096	1538	1114	1117	1092	1104	1320	1389	1625	1687	1811	1690	1783	1807	2020	2147	2267	1786	1761	1523	1474	1299	993	927