

Availability at Daily Maximum Demand Hour

ST-Coal	2,070 MW
ST-Gas	0 MW
ST-Oil	0 MW
Gas	3,942 MW
Hydro	1,886 MW
Distillate	0 MW
Total TNB	7,898 MW
Total IPP	10,266 MW
Total Co-Gen	0 MW
Total System	18,164 MW

Generation Mix

Type	MWh	Percentage
ST-Coal	56,817	16.34 %
Gas	70,043	20.14 %
Hydro	19,270	5.54 %
Total TNB	146,130	42.02 %
ST-Coal	76,708	22.06 %
ST-Gas	2,417	0.70 %
ST-Oil	5,291	1.52 %
Gas	111,501	32.06 %
Distillate	3,734	1.07 %
Total IPP	199,651	57.41 %
Co-Gen	1,405	0.40 %
Total Co-Gen	1,405	0.40 %
Total Generation	347,186	99.83 %
PLTG	158	0.05 %
EGAT	-33	-0.01 %
HVDC	-701	-0.20 %
Interconnection	-576	-0.17 %
Net Energy	347,762	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:	15:30:00 Hour
Total Set On Bus	17,075 MW
TNB Generation	7,188 MW
IPP Generation	9,307 MW
Spinning Reserve	524 MW
Maximum Demand	16,557 MW
Net Energy	347,762 MWH
Load Factor	87.51 %

Fuel Cost

Total Cost:	65,244,436.11 RM
Cost per Unit	19.85 cents/kWH

Average Spinning Reserve During Peak Hour

Type	MW
GT	621
Hydro	166
Syncon	302
Thermal	52
Total	1,141

Time	Weather	Temperature
Afternoon	Hot	35
Morning	Sunny	25

Gas Usage

Station	(mmscfd)
CBPS	21
CBPS	58
GLGR	56
PAKA	170
PGPS	43
SRDG	79
TJGS	154
Total TNB	581

KLPP	85
MPSS	59
PDPS	18
PGLA	114
PKLG	13
PLPS	98
PTEK	11
SGB3	79
SGRI	162
SKSP	50
YPGS	69
YPKA	136
PKLG	25
Total IPP	918
Total Gas	1,499
Total Gas Required	1,582

Alternate Fuel Usage

Station	(mmscfd)
KLPP	10
SGB3	12
SGRI	10
PKLG	51
Total	83

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	14174	13457	12966	12534	12393	12316	12282	12014	12639	14381	15188	15986	15823	15586	16028	16357	16427	15902	14957	14616	15319	15716	15369	15168

Daily MW Generation on Thursday

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																										
SGB3	GT31	136	136	135	125	116	102	102	111	110	102	102	67	67	67	67	65	100	114	110	105	108	128	131	124	108	110	107	134	102	122	112	111	117	107	108	111	88	62	62	62	113	111	108	107	107	109	107	111		
SGB3	GT32	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	76	143	111	105	152	142	134	112	116	112	138	107	113	113	118	123	113	116	124	108	67	67	68	115	118	115	118	114	116	112	117			
SGB3	GT33	141	141	141	129	120	106	106	110	110	107	105	70	70	70	70	104	110	116	106	110	129	138	132	110	111	110	133	104	112	112	67	67	32	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Total OCGT-Gas		7407	7119	6985	6746	6440	6381	6075	6021	5896	5942	5895	5721	5819	5841	5716	5499	6749	7348	7820	7896	7886	8278	8305	8279	8193	7846	7795	7861	7949	8069	8008	8065	7959	7898	7811	7730	7219	6976	6817	7052	7388	7426	7335	7329	7320	7336	7329	7410		
Total 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			
BSIA	HY01	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	22	22	21	21	22	22	11	11	11	17	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22
BSIA	HY02	12	12	12	12	12	12	12	12	12	12	12	12	12	12	11	22	22	22	22	21	22	22	11	12	12	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22		
BSIA	HY03	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	22	22	22	21	22	22	12	12	13	23	23	23	23	23	23	23	23	23	23	23	23	23	23	23	23	23	23	23	23	23	23	23		

Daily MW Generation on Thursday

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																								
SRev CCGT-Gas		663	607	534	773	1079	1138	1444	1498	1623	1577	1626	1798	1700	1678	1803	2020	1288	950	529	498	508	116	89	83	169	516	567	501	413	293	354	297	403	464	408	489	720	963	1122	887	551	440	531	537	546	530	537	456
SRev ST-Gas		71	73	37	37	37	37	37	37	36	37	37	37	38	38	37	37	37	37	37	37	36	37	0	0	30	31	35	34	36	37	37	37	37	37	0	0	0	0	0	0	0	0	0	0	0	0	0	
SRev 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	0	0	0	0	0	18	16	61	65	28	28	20	27	26	27	27	27	27	26					
SRev Co-Gen		-14	-16	-17	-16	-15	-17	-16	-18	-16	-18	-17	-18	-19	-17	-18	-15	-16	-13	-11	-13	-11	-12	-11	-12	-12	-13	-12	-11	-13	-12	-12	-15	-12	-13	-14	-14	-11	-14	-13	-14	-12	-15	-16					
Syncon		726	726	676	827	827	827	676	676	827	827	676	827	676	827	676	827	676	827	676	827	676	827	676	827	676	827	676	827	676	827	676	827	676	827	676	827	676	827	676	827	676	827	676	827	676	827	676	
Hydro		155	76	254	123	93	117	119	240	246	118	121	241	78	198	121	97	677	101	124	85	156	75	53	184	503	402	389	285	154	91	70	75	273	206	255	181	256	340	306	285	255	150	150	149	154	166	217	172
S.Reserve Total		1646	1479	1547	1796	2028	2136	2428	2438	2593	2560	2622	2745	2616	2567	2810	3008	2032	1545	1379	1144	1348	1034	1051	973	1636	1728	1774	1480	1384	1185	1117	524	1055	1067	1115	1013	1578	1868	1956	1708	1285	986	1030	1034	1100	1086	1200	842