

Availability at Daily Maximum Demand Hour

ST-Coal	2,280 MW
ST-Gas	0 MW
ST-Oil	0 MW
Gas	3,900 MW
Hydro	1,704 MW
Distillate	0 MW
Total TNB	7,884 MW
Total IPP	11,044 MW
Total Co-Gen	0 MW
Total System	19,495 MW

Generation Mix

Type	MWh	Percentage
ST-Coal	51,306	15.15 %
Gas	56,904	16.80 %
Hydro	12,056	3.56 %
Total TNB	120,266	35.51 %
ST-Coal	112,858	33.32 %
Gas	104,665	30.90 %
Total IPP	217,523	64.23 %
Co-Gen	933	0.28 %
Total Co-Gen	933	0.28 %
Total Generation	338,722	100.01 %
PLTG	48	0.01 %
Interconnection	48	0.01 %
Net Energy	338,674	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:	14:30:00 Hour
Total Set On Bus	17,206 MW
TNB Generation	5,960 MW
IPP Generation	10,183 MW
Spinning Reserve	1,025 MW
Maximum Demand	16,146 MW
Net Energy	338,674 MWH
Load Factor	87.40 %

Fuel Cost

Total Cost:	50,239,961.99 RM
Cost per Unit	15.34 cents/kWH

Average Spinning Reserve During Peak Hour

Type	MW
GT	377
Hydro	292
Syncon	509
Thermal	17
Total	1,195

Time	Weather	Temperature
Afternoon	Hot	36
Morning	Sunny	26

Gas Usage

Station	(mmscfd)
CBPS	12
GLGR	56
PAKA	80
PGPS	42
SRDG	28
TJGS	216
Total TNB	434
KLPP	101
MPSS	58
PDPS	10
PGLA	107
PKLG	10
PLPS	91
PTEK	2
SGRI	188
SKSP	50
YPGS	70
YPKA	137
Total IPP	824
Total Gas	1,258
Total Gas Required	1,258

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	13404	12820	12513	12061	11808	11628	11827	11905	12119	13896	15021	15421	15419	15261	15983	16081	16065	15921	14491	14311	15383	15303	14870	14395

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
PGAU	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
SIHY	HY01	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SIHY	HY02	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SIHY	HY03	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SYPS	HY01	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SYPS	HY02	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SYPS	HY03	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TMGR	HY01	-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	HY02	26	26	29	30	29	31	24	30	28	30	29	30	30	33	30	33	32	36	29	31	32	32	34	32
TMGR	HY03	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
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
UPIA	HY01	5	5	5	5	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4
UPIA	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		400	398	407	411	408	280	158	172	190	196	158	187	159	168	161	175	173	259	241	391	492	747	702	
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	CUFK	38	39	38	38	39	40	40	39	41	40	40	41	39	40	40	40	40	40	40	40	40	38	38	38
Total Co-Gen		38	39	38	38	39	40	40	39	41	40	40	41	39	40	40	40	40	40	40	40	38	38	38	38
Total Gen		13430	13064	12789	12739	12517	12444	12108	11880	11763	11808	11636	11725	11824	12149	11871	11993	12104	13275	13886	14547	14993	15214	15403	
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		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-PLTG		26	10	-31	-47	4	-2	47	-28	-45	-13	8	-12	-3	-18	-34	-19	-15	-30	-10	6	-28	41	-18	
Interconnection		26	10	-31	-47	4	-2	47	-28	-45	-13	8	-12	-3	-18	-34	-19	-15	-30	-10	6	-28	41	-18	
System Total		13484	13054	12820	12786	12513	12444	12061	11908	11808	11821	11628	11737	11827	12167	11905	12011	12119	13305	13896	14541	15021	15173	15421	
SRev ST-Coal		-108	-45	-50	30	11	18	56	22	15	26	16	24	31	15	21	7	-89	14	14	9	-12	22	20	
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		680	769	1057	1121	1360	1301	1475	1650	1794	1743	1887	1820	1684	1385	1650	1658	1639	969	832	496	270	396	269	
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		-5	-7	-6	-6	-7	-8	-8	-7	-9	-8	-8	-9	-7	-8	-8	-9	-8	-8	-8	-8	-6	-6	-6	-6
Syncon		618	618	618	618	618	719	719	719	568	568	719	568	719	719	719	719	719	719	618	618	618	618	618	618
Hydro		110	112	103	99	102	129	151	138	271	264	131	253	130	122	129	124	126	116	134	167	216	233	278	
S.Reserve Total		1294	1447	1722	1862	2084	2159	2393	2522	2639	2593	2748	2656	2557	2233	2511	2499	2387	1810	1691	1282	1084	1484	1295	