

Availability at Daily Maximum Demand Hour

ST-Coal	1,880 MW
ST-Gas	0 MW
ST-Oil	0 MW
Gas	4,032 MW
Hydro	1,698 MW
Distillate	0 MW
Total TNB	7,610 MW
Total IPP	10,706 MW
Total Co-Gen	0 MW
Total System	18,316 MW

Generation Mix

Type	MWh	Percentage
ST-Coal	46,365	14.13 %
Gas	66,927	20.40 %
Hydro	11,021	3.36 %
Total TNB	124,313	37.89 %
ST-Coal	84,843	25.86 %
ST-Gas	8,932	2.72 %
Gas	108,493	33.07 %
Total IPP	202,268	61.64 %
Co-Gen	1,734	0.53 %
Total Co-Gen	1,734	0.53 %
Total Generation	328,315	100.06 %
PLTG	-533	-0.16 %
HVDC	729	0.22 %
Interconnection	196	0.06 %
Net Energy	328,119	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	16,891 MW
TNB Generation	5,804 MW
IPP Generation	9,818 MW
Spinning Reserve	1,210 MW
Maximum Demand	15,710 MW
Net Energy	328,119 MWH
Load Factor	87.02 %

Fuel Cost

Total Cost:	56,866,155.06 RM
Cost per Unit	17.60 cents/kWH

Average Spinning Reserve During Peak Hour

Type	MW
GT	399
Hydro	145
Syncon	596
Thermal	59
Total	1,199

Time	Weather	Temperature
Afternoon	Hot	35
Morning	Sunny	25

Gas Usage

Station	(mmscfd)
CBPS	44
GLGR	55
PAKA	133
PGPS	41
SRDG	16
TJGS	217
Total TNB	506
KLPP	101
MPSS	58
PDPS	7
PGLA	113
PKLG	8
PLPS	97
PTEK	2
SGB3	83
SGRI	193
SKSP	52
YPKA	133
PKLG	89
Total IPP	937
Total Gas	1,443
Total Gas Required	1,443

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	13070	12575	12114	11654	11435	11384	11727	11490	12081	13740	14701	15445	15301	14970	15397	15593	15562	15200	14108	13834	14688	14488	13835	13368

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	HY03	-1	-1	-1	-1	-1	-1	-1	0	0	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1
PGAU	HY04	-1	19	-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	25	25	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SYPS	HY02	25	25	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SYPS	HY03	25	25	25	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TMGR	HY01	26	28	35	35	32	33	28	27	24	25	24	28	33	0	0	0	0	0	0	0	0	0	0	0
TMGR	HY02	-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	HY03	-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	HY04	-1	0	0	0	0	0	0	0	29	30	31	34	40	31	32	39	33	25	37	38	40	57	56	58
UPIA	HY01	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
UPIA	HY02	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
Total Hydro		250	277	220	196	161	162	153	151	142	174	172	207	198	195	173	174	189	176	158	315	569	658	923	
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	
PCUF	CUFG	52	49	49	47	49	50	48	48	47	48	49	49	48	46	47	48	49	47	47	48	48	49	50	
PCUF	CUFK	29	29	31	29	30	32	29	30	29	29	30	31	30	29	30	30	29	28	29	30	15	9	10	
Total Co-Gen		81	78	80	76	79	82	77	78	76	77	79	81	81	78	78	79	78	75	76	75	61	56		
Total Gen		13109	12703	12499	12286	12116	11882	11723	11595	11514	11533	11431	11456	11694	11855	11552	11628	12125	13096	13858	14319	14698	15027		
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	
TIE-HVDC		30	30	31	31	30	30	30	31	31	30	30	30	31	31	31	31	30	30	30	30	30	30	30	
TIE-PLTG		9	-72	-107	-45	-29	-13	39	-24	49	-7	17	-28	-63	8	31	-16	13	-34	88	-67	-34	-36		
Interconnection		39	-42	-76	-14	2	17	69	6	79	24	47	3	-33	39	62	15	44	-3	118	-37	-3			
System Total		13070	12745	12575	12300	12114	11865	11654	11589	11435	11509	11384	11453	11727	11816	11490	11613	12081	13099	13740	14356	14701			
SRev ST-Coal		68	29	-19	20	42	48	44	39	76	80	64	87	69	-13	35	35	0	50	98	13	41	40		
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		
SRev CCGT-Gas		792	1003	918	1034	1150	1382	1533	1667	1699	1709	1827	1791	1521	1312	1544	1470	1169	885	548	493	399	177		
SRev ST-Gas		4	86	76	75	74	74	75	75	75	75	75	75	75	75	75	75	75	75	75	75	75	75		
SRev Co-Gen		-5	-2	-4	0	-3	-6	-1	-2	0	-1	-3	-5	-5	-2	-2	-3	-2	0	-1	-2	-2	1		
Syncon		715	477	628	628	628	628	628	628	477	477	477	477	628	628	628	628	628	628	627	627	627	627		
Hydro		113	238	94	93	128	127	136	138	148	116	118	233	91	8	30	115	100	113	131	75	96	157		
S.Reserve Total		1787	1931	1793	1950	2119	2353	2515	2645	2575	2556	2658	2758	2479	2108	2410	2420	2070	1860	1546	1334	1175			