

Availability At Daily Maximum Demand Hour

ST-Coal	1,680 MW
ST-Gas	0 MW
ST-Oil	0 MW
Gas	4,115 MW
Hydro	1,745 MW
Distillate	0 MW
Total TNB	7,540 MW
Total IPP	10,884 MW
Total Co-Gen	44 MW
System Total	18,468 MW

Set On Bus, TNB, IPP And MD

At Daily Maximum Demand Hour : 14:30

TNB Generation	5,954 MW
IPP Generation	10,052 MW
Total Set On Bus	17,213 MW
Maximum Demand	16,093 MW
Spinning Reserve	1,163 MW
Net Energy	333,050 MWH
Load Factor	86.2 %
Total Cost	56,890,111 RM
Cost per Unit	17.50 cents/kWH

Maximum Demand Record

Date :	13/05/2013	16,562.0 MW
Date :	25/06/2013	345,254.0 MWH

Hourly System MW Generation

	0000	0100	0200	0300	0400	0500	0600	0700	0800	0900	1000	1100	1200	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300
System Total	13411	12650	12196	11839	11573	11443	11629	11431	12100	13830	14857	15640	15629	15264	15788	16014	16006	15403	14300	14193	14851	14664	14103	13791

Gas Usage

Station	(mmscfd)
CBPS	65
GLGR	65
PAKA	134
PGPS	40
SRDG	25
TJGS	209
TNB Total	539
KLPP	99
MPSS	57
PDPS	19
PGLA	107
PKLG	51
PLPS	95
PTEK	14
SGB3	56
SGRI	94
SKSP	52
YPGS	67
YPKA	128
IPP Total	839
Total Gas	1,378

Total Gas Required : 1,378
Gas Calorific Value : 38.500

Generation Mix

Type	MWh	Percentage
ST-Coal	40,226.00	12.08 %
Gas	69,846.00	20.97 %
Hydro	7,929.00	2.38 %
Total TNB	118,001.0	35.43 %
ST-Coal	106,073.0	31.85 %
ST-Gas	4,970.0	1.49 %
Gas	101,910.0	30.60 %
Total IPP	212,953.0	63.94 %
Co-Gen	1,181.0	0.35 %
Total Co-Gen	1,181.0	0.35 %
Total Generation	332,135.0	99.73 %
PLTG	-213.0	-0.06 %
HVDC	-702.0	-0.21 %
Interconnection	-915.0	-0.27 %
Net Energy	333,050.0	100.00 %

Average SR During Peak Hour

Type	MW
GT	420
Hydro	152
Syncon	668
Thermal	80
Total	1320

	Weather	Temperature
Morning	Sunny	27
Afternoon	Hot	32

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
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	
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	
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	
SYPS	HY04	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	
TMGR	HY02	48	56	48	49	46	45	48	44	48	46	43	61	33	34	25	27	36	32	29	30	29	32	84	
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	
UPLA	HY01	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	
Total Hydro		184	201	184	185	178	176	186	175	184	178	175	222	191	174	150	155	200	174	172	269	328	452	756	
PCUF	CUFG	25	24	24	24	25	24	23	25	19	20	20	18	19	20	19	19	18	19	20	25	24	23	23	
PCUF	CUFK	28	27	28	31	30	30	29	29	29	31	30	30	30	30	26	27	26	22	22	22	23	22	22	
Total Co-Gen		53	51	52	55	55	54	52	54	48	51	50	46	49	50	45	46	44	41	42	47	46	46	45	
Total Gen		13364	12840	12641	12275	12132	11855	11786	11560	11561	11451	11397	11494	11577	11869	11623	11522	12012	13242	13776	14411	14861	15221	15577	
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	-29	-29	-28	-28	-29	-29	-29	-28	-28	-30	-30	-29	-29	-29	-29	-29	-29	-29	-29	-29	-29	
TIE-PLTG		-17	-78	20	8	-36	-7	-24	-45	17	-36	-18	-43	-22	59	221	-9	-59	98	-25	-18	34	-45		
Interconnection		-47	-108	-9	-21	-64	-35	-53	-74	-12	-65	-46	-71	-52	29	192	-38	-88	69	-54	-47	4	-75		
System Total		13411	12948	12650	12296	12196	11890	11839	11634	11573	11516	11443	11565	11629	11840	11431	11560	12100	13173	13830	14458	14857	15296		
SRev ST-Coal		84	70	74	71	82	77	108	190	131	152	191	179	180	150	86	173	107	81	75	66	70	61		
SRev ST-Gas		0	26	34	34	33	33	33	37	37	37	37	37	37	37	37	40	17	9	1	1	2	24		
SRev CCGT-Gas		527	798	799	1171	1297	1582	1618	1755	1756	1810	1802	1757	1720	1475	1764	1776	1783	1125	818	331	259	194		
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 Co-Gen		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
Syncon		580	580	580	731	731	731	731	731	731	731	731	731	731	731	731	731	731	731	731	731	731	731		
Hydro		117	100	117	115	122	124	114	125	116	122	125	78	260	126	150	145	100	126	128	276	116	188		
S.Reserve Total		1543	1809	1839	2207	2350	2632	2689	2919	2852	2937	2971	2867	2862	2604	2853	2947	2843	2185	1874	1378	1392	1242		