

Availability At Daily Maximum Demand Hour

ST-Coal	1,380 MW
ST-Gas	70 MW
ST-Oil	0 MW
Gas	3,580 MW
Hydro	1,874 MW
Distillate	0 MW
Total TNB	6,904 MW
Total IPP	10,980 MW
Total Co-Gen	46 MW
System Total	17,930 MW

Set On Bus, TNB, IPP And MD

At Daily Maximum Demand Hour : 14:30

TNB Generation	4,581 MW
IPP Generation	10,204 MW
Total Set On Bus	15,823 MW
Maximum Demand	14,929 MW
Spinning Reserve	992 MW
Net Energy	310,034 MWH
Load Factor	86.5 %

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	11677	11068	10623	10398	10204	10167	10676	10839	11366	13040	13946	14621	14474	14210	14596	14887	14903	14595	13684	13612	14510	14344	13651	13285

Gas Usage

Station	(mmscfd)
CBPS	57
PAKA	124
PGPS	45
SRDG	46
TJGS	110
TNB Total	381
KLPP	105
MPSS	55
PDPS	8
PGLA	92
PKLG	64
PLPS	96
PTEK	22
SGB3	85
SGRI	171
SKSP	55
YPGS	68
YPKA	99
IPP Total	920
Total Gas	1,302
Total Gas Required :	1,302
Gas Calorific Value :	38.500

Generation Mix

Type	MWh	Percentage
ST-Coal	32,889.00	10.61 %
Gas	47,541.00	15.33 %
Hydro	14,411.00	4.65 %
Total TNB	94,841.0	30.59 %
ST-Coal	98,596.0	31.80 %
ST-Gas	5,514.0	1.78 %
Gas	111,055.0	35.82 %
Total IPP	215,165.0	69.40 %
Co-Gen	1,224.0	0.39 %
Total Co-Gen	1,224.0	0.39 %
Total Generation	311,230.0	100.38 %
PLTG	476.0	0.15 %
EGAT	-24.0	-0.01 %
HVDC	720.0	0.23 %
Interconnection	1,172.0	0.38 %
Net Energy	310,058.0	100.00 %

Average SR During Peak Hour

Type	MW
GT	277
Hydro	85
Syncon	501
Thermal	111
Total	974

	Weather	Temperature
Morning	Sunny	25
Afternoon	Hot	33

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
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
SYPS	HY04	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25
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	-1	29	33	36	33	38	44	37	37	27	38	44	37	50	37	32	40	27	29	30	26	85	36	40
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	31	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
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
Total Hydro		500	290	294	298	281	289	356	288	309	277	296	242	313	351	186	183	520	515	516	559	777	970	814	841
PCUF	CUFG	32	30	30	31	32	31	31	31	30	31	32	32	31	31	31	30	29	29	27	26	27	27	27	27
PCUF	CUFK	23	22	22	23	22	22	22	22	22	22	22	23	23	24	23	23	23	22	21	20	19	18	18	19
Total Co-Gen		55	52	52	54	54	53	53	53	53	53	54	54	55	54	54	53	51	50	47	45	45	46	46	46
Total Gen		11702	11254	11126	10957	10679	10491	10426	10316	10227	10180	10230	10375	10815	10976	11015	10864	11472	12554	13057	13664	13993	14437	14653	14833
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		29	30	30	31	31	30	30	29	29	30	30	30	29	29	30	30	30	30	30	30	30	30	30	30
TIE-PLTG		-4	-53	28	-10	25	-17	-2	-10	-6	83	33	17	109	-149	147	13	76	92	-13	44	17	-55	2	2
Interconnection		25	-23	58	21	56	13	28	19	23	113	63	47	139	-120	176	43	106	122	17	74	47	-25	32	33
System Total		11677	11277	11068	10936	10623	10478	10398	10297	10204	10067	10167	10328	10676	11096	10839	10821	11366	12432	13040	13590	13946	14462	14621	14800
SRev	ST-Coal	120	105	125	115	123	119	192	188	247	243	250	185	121	109	119	115	122	122	119	115	121	161	156	156
SRev	ST-Gas	36	37	37	36	36	37	37	37	37	37	36	36	37	37	36	36	37	42	5	-1	-1	-1	0	0
SRev	CCGT-Gas	553	793	898	1093	1336	1526	1587	1631	1693	1709	1669	1529	1231	1135	918	1177	1470	983	781	252	226	150	158	400
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	Co-Gen	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Syncon		817	731	731	731	731	731	580	731	580	731	731	580	580	731	731	625	625	625	625	625	625	625	625	625
Hydro		118	119	115	111	128	120	204	121	251	132	113	67	147	109	123	126	105	110	109	141	98	56	61	185
S.Reserve Total		1644	1785	1906	2084	2354	2533	2600	2708	2808	2852	2800	2548	2115	1970	1928	2185	2358	1877	1676	1138	1071	875	993	1015