

Availability At Daily Maximum Demand Hour

ST-Coal	1,380 MW
ST-Gas	0 MW
ST-Oil	140 MW
Gas	4,406 MW
Hydro	1,871 MW
Distillate	0 MW
Total TNB	7,797 MW
Total IPP	11,137 MW
Total Co-Gen	79 MW
System Total	19,573 MW

Set On Bus, TNB, IPP And MD

At Daily Maximum Demand Hour : 16:00	
TNB Generation	5,814 MW
IPP Generation	9,336 MW
Total Set On Bus	16,176 MW
Maximum Demand	15,303 MW
Spinning Reserve	947 MW
Net Energy	316,198 MWH
Load Factor	86.1 %

Maximum Demand Record

Date :	20/06/2012	15,826.0 MW
Date :	20/06/2012	328,716.0 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	12674	12023	11406	11338	10764	10814	11171	11344	11567	13237	14150	14924	14756	14350	15029	15085	15303	14935	13727	13386	14383	14054	13502	13217

Gas Usage

Station	(mmscfd)
CBPS	51
GLGR	57
PAKA	90
PGPS	43
SRDG	34
TJGS	208
TNB Total	484
KLPP	112
MPSS	55
PGLA	111
PKLG	3
PLPS	113
SGB3	96
SGRI	163
SKSP	54
YPGS	35
YPKA	64
IPP Total	805
Total Gas	1,289
Total Gas Required :	1,289
Gas Calorific Value :	38.500

Generation Mix

Type	MWh	Percentage
ST-Coal	33,860.00	10.71 %
Gas	62,422.00	19.74 %
Hydro	16,600.00	5.25 %
Total TNB	112,882.0	35.70 %
ST-Coal	96,601.0	30.55 %
Gas	104,126.0	32.93 %
Total IPP	200,727.0	63.48 %
Co-Gen	2,140.0	0.68 %
Total Co-Gen	2,140.0	0.68 %
Total Generation	315,749.0	99.86 %
PLTG	246.0	0.08 %
HVDC	-695.0	-0.22 %
Interconnection	-449.0	-0.14 %
Net Energy	316,198.0	100.00 %

Average SR During Peak Hour

Type	MW
GT	329
Hydro	258
Syncon	172
Thermal	134
Total	893

Weather Temperature

Weather	Temperature
Morning	Sunny 26
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
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	
Total Hydro		184	200	232	199	191	191	208	158	169	164	155	176	209	234	238	157	171	171	333	628	955	985	1261	1259
PCUF	CUFG	51	53	52	51	52	50	52	50	52	50	51	52	53	52	52	51	53	53	51	51	51	51	51	51
PCUF	CUFK	31	32	31	32	32	32	33	32	31	33	32	34	33	33	34	33	33	33	34	30	30	30	30	30
Total Co-Gen		82	85	83	83	84	82	85	82	83	85	82	85	85	86	86	85	81	81	82	80	83	83	82	80
Total Gen		12623	12112	11949	11648	11432	11313	11231	11100	10855	10864	10840	10868	11217	11382	11353	11165	11616	12549	13180	13587	14184	14395	14922	14942
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	-29	-29	-29	-29	-29	-29	-29	-29	-29	-29	-29	-29	-29	-29	-29	-29	-29	-29	-29	-29	-29	-29	-29
TIE-PLTG		-22	16	-45	8	55	75	-78	90	120	54	55	-58	75	-8	38	47	78	44	-28	-73	67	-36	31	
Interconnection		-51	-13	-74	-21	26	46	-107	61	91	25	26	-87	46	-37	9	18	49	15	-57	-102	38	-65	2	
System Total		12674	12125	12023	11669	11406	11267	11338	11039	10764	10839	10814	10955	11171	11419	11344	11147	11567	12534	13237	13689	14146	14460	14920	14959
SRev ST-Coal		64	73	71	77	70	74	124	132	137	85	89	76	89	92	25	15	0	14	9	140	138	156	143	
SRev ST-Oil		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		558	1079	1275	1536	1751	1864	1892	1967	2139	2276	2229	2202	1859	1683	1431	1777	1206	877	565	470	356	313	206	
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		726	726	726	726	726	726	726	726	726	726	726	575	575	726	726	726	575	273	172	172	172	172	172	172
Hydro		103	112	80	113	121	121	104	129	118	123	132	111	78	204	200	130	116	116	105	262	261	306	326	
S.Reserve Total		1451	1990	2152	2452	2668	2785	2846	2979	3120	3210	3176	3115	2752	2554	2231	2648	2048	1733	1254	1145	927	1011	1020	