

Availability At Daily Maximum Demand Hour

ST-Coal	1,380 MW
ST-Gas	0 MW
ST-Oil	140 MW
Gas	4,135 MW
Hydro	1,871 MW
Distillate	0 MW
Total TNB	7,526 MW
Total IPP	10,780 MW
Total Co-Gen	78 MW
System Total	18,944 MW

Set On Bus, TNB, IPP And MD

At Daily Maximum Demand Hour : 11:30	
TNB Generation	5,405 MW
IPP Generation	9,310 MW
Total Set On Bus	15,782 MW
Maximum Demand	14,787 MW
Spinning Reserve	989 MW
Net Energy	306,882 MWH
Load Factor	86.5 %

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	11810	11306	10863	10683	10313	10360	10365	10748	11414	13148	14074	14716	14507	14070	14549	14686	14609	14206	13272	13233	13979	13884	13308	12922

Gas Usage

Station	(mmscfd)
CBPS	58
GLGR	31
PAKA	119
PGPS	52
SRDG	6
TJGS	210
TNB Total	477
KLPP	111
MPSS	57
PGLA	100
PLPS	108
SGB3	75
SGRI	167
SKSP	54
YPGS	35
YPKA	125
IPP Total	831
Total Gas	1,308

Total Gas Required : 1,308
Gas Calorific Value : 38.500
Generation Mix

Type	MWh	Percentage
ST-Coal	32,869.00	10.71 %
Gas	62,244.00	20.28 %
Hydro	12,828.00	4.18 %
Total TNB	107,941.0	35.17 %
ST-Coal	88,622.0	28.88 %
Gas	108,181.0	35.25 %
Total IPP	196,803.0	64.13 %
Co-Gen	2,144.0	0.70 %
Total Co-Gen	2,144.0	0.70 %
Total Generation	306,888.0	100.00 %
PLTG	-9.0	0.00 %
HVDC	15.0	0.00 %
Interconnection	6.0	0.00 %
Net Energy	306,882.0	100.00 %

Average SR During Peak Hour

Type	MW
GT	360
Hydro	197
Syncon	399
Thermal	12
Total	968

	Weather	Temperature
Morning	Sunny	28
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																										
Total Hydro		169	165	150	173	170	182	173	164	161	172	189	188	185	263	167	172	174	174	181	371	766	875	1100	1110	909	658	612	760	789	1012	1046	975	1119	1221	1096	696	161	199	418	783	1033	1072	1068	806	541	451	357	356		
PCUF	CUPG	53	51	50	50	51	50	54	53	47	51	53	50	53	54	52	53	52	49	52	53	52	54	51	49	51	53	53	53	50	52	50	50	51	48	56	51	51	54	51	53	51	50	51	51	51	46	52	50		
PCUF	CUFK	31	32	32	30	31	32	33	32	34	32	32	32	32	31	30	31	31	32	32	30	31	30	30	29	30	29	29	30	30	30	29	30	30	29	30	30	31	30	31	30	31	30	31	31	31	31	31	31		
Total Co-Gen		84	83	82	80	82	82	87	85	81	83	85	82	85	85	82	84	83	81	84	83	83	84	81	78	81	82	82	83	80	82	80	79	81	78	85	81	81	85	81	84	81	81	83	82	82	77	83	81		
Total Gen		11764	11581	11374	10844	10791	10478	10683	10355	10356	10117	10255	10096	10387	10877	10832	10991	11454	12462	13189	13631	14146	14392	14772	14793	14536	14234	14106	14259	14466	14683	14667	14595	14443	14548	14174	13775	13256	12958	13179	13724	13956	13889	13911	13659	13383	13268	12948	12638		
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	0	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		31	30	30	-29	-29	-29	-29	-29	-29	-29	-29	-29	-30	-30	-29	-29	-30	-29	-29	-29	-28	-28	-30	-30	-30	-30	-29	-29	-29	-29	-28	-28	-29	-29	-29	-29	-29	-29	-29	-30	-30	-29	-29	-30	-30	-29	-29	-30	-30	
TIE-PLTG		-77	-4	38	-47	-45	-46	-51	-27	72	-123	-76	-31	51	63	114	-22	69	38	70	51	101	12	84	36	59	44	66	-48	-54	31	11	-40	-138	-36	-3	-42	13	-74	-25	-25	7	-9	56	52	105	-17	55	38		
Interconnection		-46	26	68	-76	-72	-75	-80	-56	43	-152	-105	-60	22	33	84	-51	40	8	41	22	72	-16	56	6	29	14	36	-77	-83	2	-18	-68	-166	-65	-32	-71	-16	-103	-54	-55	-23	-38	27	22	75	-46	26	8		
System Total		11810	11555	11306	10920	10863	10553	10683	10411	10313	10269	10360	10156	10365	10844	10748	11042	11414	12454	13148	13609	14074	14408	14716	14787	14507	14220	14070	14336	14549	14682	14686	14664	14609	14610	14206	13846	13272	13061	13233	13779	13979	13927	13884	13637	13308	13314	12922	12630		
SRev ST-Coal		73	76	152	123	128	215	212	296	300	267	259	384	405	344	241	214	147	41	71	-5	1	-1	5	16	18	9	11	6	12	11	-3	-5	34	41	7	4	10	6	29	22	8	22	15	7	9	22	2	1		
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	0	0	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 CCGI-Gas		515	602	756	1320	1382	1613	1485	1732	1856	2056	1946	2114	1942	1979	2078	2087	1761	1109	546	437	388	254	363	340	393	456	535	538	458	428	394	385	318	284	406	314	292	636	607	437	454	426	379	421	430	182	434	532		
SRev OCGI-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	0	0	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	0	0	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		812	812	812	812	812	812	812	812	661	661	812	661	812	812	812	812	812	711	560	560	409	409	560	711	711	560	560	409	409	560	409	172	172	323	726	726	575	474	323	323	323	474	625	575	726	726				
Hydro		112	116	131	108	111	99	113	122	125	114	248	249	101	174	119	114	112	112	110	121	227	268	189	179	229	179	225	228	199	277	243	163	170	421	345	344	126	88	270	206	257	218	222	333	97	187	130	151		
S.Reserve Total		1522	1616	1861	2373	2443	2749	2627	2967	3098	3254	3119	3413	3265	3163	3255	3232	2837	2079	1539	1264	1176	1081	1013	989	1249	1402	1530	1378	1268	1202	1198	1139	936	923	935	990	1159	1461	1486	1144	1047	994	944	1240	1166	971	1297	1395		