

Availability At Daily Maximum Demand Hour

ST-Coal	2,070	MW
ST-Gas	0	MW
ST-Oil	140	MW
Gas	3,556	MW
Hydro	1,833	MW
Distillate	0	MW
Total TNB	7,599	MW
Total IPP	10,362	MW
Total Co-Gen	58	MW
System Total	18,299	MW

Set On Bus, TNB, IPP And MD

At Daily Maximum Demand Hour : 14:30	
TNB Generation	5,525 MW
IPP Generation	8,723 MW
Total Set On Bus	15,212 MW
Maximum Demand	14,348 MW
Spinning Reserve	906 MW
Net Energy	291,970 MWH
Load Factor	84.8 %

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	10687	10119	9810	9573	9322	9317	9449	9846	10568	12344	13275	13922	14015	13674	14067	14340	14327	14083	13159	13011	13749	13491	12916	12374

Gas Usage

Station	(mmscfd)
CBPS	48
GLGR	63
PAKA	79
PGPS	56
SRDG	10
TJGS	145
TNB Total	402
KLPP	80
MPSS	60
PGLA	119
PLPS	115
SGB3	83
SGRI	70
SKSP	57
YPKA	109
IPP Total	693
Total Gas	1,095

Total Gas Required : 1,095
Gas Calorific Value : 38.500

Generation Mix

Type	MWh	Percentage
ST-Coal	45,915.00	15.73 %
Gas	51,566.00	17.66 %
Hydro	9,509.00	3.26 %
Total TNB	106,990.0	36.64 %
ST-Coal	92,123.0	31.55 %
Gas	90,855.0	31.12 %
Total IPP	182,978.0	62.67 %
Co-Gen	1,590.0	0.54 %
Total Co-Gen	1,590.0	0.54 %
Total Generation	291,558.0	99.86 %
PLTG	285.0	0.10 %
HVDC	-697.0	-0.24 %
Interconnection	-412.0	-0.14 %
Net Energy	291,970.0	100.00 %

Average SR During Peak Hour

Type	MW
GT	295
Hydro	207
Syncon	421
Thermal	28
Total	951

	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																											
System Total		10687	10366	10119	10006	9810	9620	9573	9437	9322	9428	9317	9402	9449	9688	9846	10128	10568	11578	12344	12807	13275	13644	13922	13998	14015	13777	13674	13870	14067	14348	14340	14306	14327	14317	14083	13537	13159	12852	13011	13758	13749	13604	13491	13255	12916	12604	12374	12147			
SRev SI-Coal		442	707	722	753	775	786	794	820	820	840	837	845	824	823	819	772	584	224	48	48	15	31	25	23	16	13	32	35	38	19	16	32	26	22	31	13	4	34	16	4	15	26	-52	23	9	28	13				
SRev SI-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 SI-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 CCGT-Gas		239	83	239	178	224	247	165	213	350	250	290	220	314	250	227	217	663	477	651	630	259	234	152	174	236	244	275	625	468	169	237	280	256	313	301	423	556	800	614	173	277	308	258	393	526	663	682	711			
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	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	0
Syncon		726	726	575	726	575	726	726	726	726	726	575	726	575	726	726	726	726	726	726	726	726	726	726	726	726	726	726	726	726	726	726	726	726	726	726	726	726	726	726	726	726	726	726	726	726	726	726	726			
Hydro		72	57	191	64	188	68	66	70	72	63	68	58	197	70	202	60	78	68	119	127	138	305	182	140	67	213	205	140	366	328	334	358	275	319	362	362	188	90	84	136	351	358	214	102	105	96	79	102			
S.Reserve Total		1479	1573	1727	1721	1760	1816	1743	1803	1968	1859	1924	1841	1931	1870	1827	1822	2239	1855	1720	1531	1171	1129	973	916	904	1051	1223	1074	1145	906	903	966	875	969	1034	1089	1332	1620	1458	900	1056	1105	1073	1169	1380	1494	1515	1552			