

Availability At Daily Maximum Demand Hour

ST-Coal	2,070 MW
ST-Gas	0 MW
ST-Oil	70 MW
Gas	4,190 MW
Hydro	1,865 MW
Distillate	0 MW
Total TNB	8,195 MW
Total IPP	11,414 MW
Total Co-Gen	50 MW
System Total	20,219 MW

Set On Bus, TNB, IPP And MD

At Daily Maximum Demand Hour : 15:30	
TNB Generation	6,055 MW
IPP Generation	8,670 MW
Total Set On Bus	15,661 MW
Maximum Demand	14,876 MW
Spinning Reserve	886 MW
Net Energy	313,664 MWH
Load Factor	87.9 %

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	13029	12312	12091	11584	11354	11281	11347	11386	11281	12599	13492	14163	14154	13830	13889	14682	14783	14524	13441	13098	14292	14226	13840	13461

Gas Usage

Station	(mmscfd)
CBPS	58
GLGR	57
PAKA	92
PGPS	53
TJGS	211
TNB Total	470
KLPP	103
MPSS	56
PGLA	53
PLPS	106
SGB3	93
SGRI	53
SKSP	36
YPGS	35
YPKA	133
IPP Total	668

Total Gas 1.138
Total Gas Required : 1,138
Gas Calorific Value : 38.500
Generation Mix

Type	MWh	Percentage
ST-Coal	49,680.00	15.84 %
Gas	62,543.00	19.94 %
Hydro	10,320.00	3.29 %
Total TNB	122,543.0	39.07 %
ST-Coal	103,559.0	33.02 %
Gas	86,737.0	27.65 %
Total IPP	190,296.0	60.67 %
Co-Gen	1,387.0	0.44 %
Total Co-Gen	1,387.0	0.44 %
Total Generation	314,226.0	100.18 %
PLTG	-161.0	-0.05 %
HVDC	723.0	0.23 %
Interconnection	562.0	0.18 %
Net Energy	313,664.0	100.00 %

Average SR During Peak Hour

Type	MW
GT	214
Hydro	196
Syncon	405
Thermal	7
Total	822

	Weather	Temperature
Morning	Sunny	26
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																										
System Total		13029	12547	12312	12104	12091	11840	11584	11462	11354	11142	11281	11306	11347	11510	11386	11147	11281	11991	12599	13023	13492	13774	14163	14264	14153	13882	13830	13891	13889	14340	14681	14876	14783	14738	14524	13838	13440	13168	13098	13724	14292	14208	14226	14005	13839	13757	13460	13320		
SRev ST-Coal		105	98	107	112	101	101	104	110	92	93	93	190	172	199	96	231	248	106	66	57	4	-1	9	8	-2	19	6	3	3	-4	-6	38	19	22	18	7	-9	7	1	7	12	2	6	15	11	5	9	11		
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	
SRev CCGT-Gas		518	502	560	502	928	1156	1446	1565	1666	1781	1760	1719	1693	1479	1526	1647	1545	1284	985	639	282	231	163	172	356	307	316	232	343	249	307	274	285	323	398	435	529	761	858	343	219	357	216	269	230	198	455	446		
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	
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		424	726	726	726	726	726	726	726	726	575	726	726	726	726	726	726	726	726	726	726	575	575	424	424	575	726	726	575	575	273	273	273	172	172	424	726	726	726	726	474	474	575	575	575	726	726	726			
Hydro		268	106	124	87	67	85	83	100	99	110	228	59	52	55	116	106	75	115	87	117	59	325	199	315	329	218	269	233	334	170	301	243	281	344	403	280	104	115	105	120	204	193	133	146	226	77	113	83		
S.Reserve Total		1315	1432	1517	1827	1822	2068	2359	2501	2583	2710	2656	2694	2643	2459	2464	2710	2594	2231	1864	1539	1071	1130	946	919	1107	1119	1317	1194	1255	990	913	886	878	919	991	1146	1350	1609	1690	1196	909	1026	930	1005	1042	1006	1303	1266		