

Availability At Daily Maximum Demand Hour

ST-Coal	1,340 MW
ST-Gas	0 MW
ST-Oil	70 MW
Gas	3,517 MW
Hydro	1,853 MW
Distillate	0 MW
Total TNB	6,780 MW
Total IPP	10,864 MW
Total Co-Gen	66 MW
System Total	17,710 MW

Set On Bus, TNB, IPP And MD

At Daily Maximum Demand Hour : 21:00		
TNB Generation	4,069 MW	
IPP Generation	8,811 MW	
Total Set On Bus	13,959 MW	
Maximum Demand	12,975 MW	
Spinning Reserve	1,013 MW	
Net Energy	277,761 MWH	
Load Factor	89.2 %	

Maximum Demand Record

Date :	19/03/2013	16,133.0 MW
Date :	20/03/2013	333,019.0 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	12485	12042	11529	11149	10777	10729	10479	10439	9823	10466	11084	11675	11756	11784	11929	11864	11895	11634	11244	11480	12918	12975	12746	12492

Gas Usage

Station	(mmscfd)
CBPS	34
GLGR	56
PAKA	84
PGPS	24
TJGS	102
TNB Total	299
KLPP	81
MPSS	29
PGLA	103
PLPS	72
SGRI	200
SKSP	13
YPGS	29
YPKA	119
IPP Total	646
Total Gas	945

Total Gas Required : 1,048
Gas Calorific Value : 38,500

Alternate Fuel Usage

Station	(mmscfd)
PKLG	102
Total	102

Generation Mix

Type	MWh	Percentage
ST-Coal	32,767.00	11.80 %
Gas	38,261.00	13.77 %
Hydro	13,881.00	5.00 %
Total TNB	84,909.0	30.57 %
ST-Coal	95,430.0	34.36 %
ST-Gas	1,229.0	0.44 %
ST-Oil	9,968.0	3.59 %
Gas	84,958.0	30.59 %
Total IPP	191,585.0	68.97 %
Co-Gen	1,808.0	0.65 %
Total Co-Gen	1,808.0	0.65 %
Total Generation	278,302.0	100.19 %
PLTG	-185.0	-0.07 %
HVDC	726.0	0.26 %
Interconnection	541.0	0.19 %
Net Energy	277,761.0	100.00 %

Average SR During Peak Hour

Type	MW
GT	294
Hydro	123
Syncon	477
Thermal	2
Total	896

Weather Temperature

Weather	Temperature
Morning	Sunny 27
Afternoon	Hot 31

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																										
SRev CCGT-Gas	337	487	301	347	551	824	1009	1253	1382	1401	1451	1565	1550	1507	1546	1886	1953	1749	1653	1405	1112	714	579	435	411	350	381	228	544	354	443	422	457	574	742	870	1037	1155	1265	611	277	226	220	233	326	286	557	256			
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	625	625	625	625	625	625	474	625	625	625	474	625	625	625	625	625	625	625	625	625	625	474	625	625	474	625	625	625	625	625	625	625	625	625	625	625	625	625	625	625	625	625	625	625	625	625	625	625	625	625	625
Hydro	101	102	98	102	114	100	238	103	101	109	233	103	103	105	107	112	139	85	94	89	83	129	73	70	236	91	91	117	84	143	102	229	106	103	91	109	104	105	103	141	299	167	168	226	170	170	301	99			
S.Reserve Total	1114	1286	1100	1121	1347	1578	1742	2014	2127	2219	2241	2442	2428	2389	2443	2871	3027	2688	2395	2118	1890	1343	1302	1161	1121	1068	1099	978	1273	1125	1171	1137	1185	1305	1456	1569	1753	1859	1968	1361	1046	1022	1013	1091	1131	1086	1336	979			