

Availability At Daily Maximum Demand Hour

ST-Coal	2,070	MW
ST-Gas	0	MW
ST-Oil	140	MW
Gas	4,121	MW
Hydro	1,833	MW
Distillate	0	MW
Total TNB	8,164	MW
Total IPP	10,345	MW
Total Co-Gen	46	MW
System Total	18,555	MW

Set On Bus, TNB, IPP And MD

At Daily Maximum Demand Hour : 19:30		
TNB Generation	5,607	MW
IPP Generation	7,700	MW
Total Set On Bus	14,309	MW
Maximum Demand	13,382	MW
Spinning Reserve	956	MW
Net Energy	288,113	MWH
Load Factor	89.7	%

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	12312	11712	11124	11058	10685	10557	10582	10504	10335	11453	12314	12971	12956	12617	12909	12931	12991	12704	12102	12638	13329	12927	12513	12445

Gas Usage

Station	(mmscfd)
CBPS	60
GLGR	58
PAKA	90
PGPS	36
SRDG	3
TJGS	208
TNB Total	455
KLPP	105
MPSS	53
PGLA	106
PLPS	80
SGB3	108
SGRI	84
SKSP	58
YPKA	138
IPP Total	732
Total Gas	1,188
Total Gas Required :	1,188
Gas Calorific Value :	38.500

Generation Mix

Type	MWh	Percentage
ST-Coal	49,658.00	17.24 %
Gas	60,110.00	20.86 %
Hydro	8,381.00	2.91 %
Total TNB	118,149.0	41.01 %
ST-Coal	72,181.0	25.05 %
ST-Oil	30.0	0.01 %
Gas	95,937.0	33.30 %
Total IPP	168,148.0	58.36 %
Co-Gen	1,747.0	0.61 %
Total Co-Gen	1,747.0	0.61 %
Total Generation	288,044.0	99.98 %
PLTG	-794.0	-0.28 %
HVDC	725.0	0.25 %
Interconnection	-69.0	-0.02 %
Net Energy	288,113.0	100.00 %

Average SR During Peak Hour

Type	MW
GT	207
Hydro	133
Syncon	447
Thermal	110
Total	897

Weather Temperature

	Weather	Temperature
Morning	Sunny	24
Afternoon	Hot	35

Daily MW Generation On Saturday

08-Dec-2012

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		12312	11968	11712	11568	11124	11085	11058	10774	10685	10741	10557	10552	10582	10521	10504	10255	10335	11025	11453	11979	12314	12673	12971	13072	12956	12691	12617	12684	12909	13072	12931	12977	12991	12895	12704	12312	12102	12104	12638	13382	13329	13124	12927	12860	12513	12703	12445	12164		
SRev ST-Coal		620	587	174	226	190	164	125	120	60	165	155	163	250	248	244	262	270	156	179	188	182	194	160	143	147	196	195	190	191	88	55	69	61	66	72	70	78	72	80	70	79	72	72	77	211	150	153	151		
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 CCGT-Gas		297	536	783	823	1137	1153	1292	1554	1692	1708	1835	1824	1736	1798	1799	2009	1984	1295	849	393	261	239	112	170	320	194	212	198	207	202	242	228	190	293	267	584	753	743	234	155	141	298	233	213	263	66	82	161		
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
Syncon		726	726	726	726	726	726	575	726	575	575	575	726	726	726	726	575	726	726	491	490	575	575	424	575	575	575	575	575	575	575	575	575	575	575	575	575	575	575	575	424	424	424	575	575	726	575	575	575		
Hydro		110	115	116	102	117	113	111	227	106	234	246	243	102	112	112	117	106	248	125	118	119	220	115	118	90	113	119	110	152	349	126	133	133	135	136	136	132	131	125	307	308	330	168	257	114	120	158	251		
S.Reserve Total		1753	1964	1799	1877	2170	2156	2254	2476	2584	2672	2811	2805	2814	2884	2881	3114	3086	2274	1879	1425	1053	1143	960	1006	981	1078	1101	1073	1125	1063	998	1005	959	1069	1050	1365	1538	1521	1014	956	958	1130	1056	1124	1314	911	968	1138		