

Availability At Daily Maximum Demand Hour

ST-Coal	2,070	MW
ST-Gas	0	MW
ST-Oil	140	MW
Gas	4,041	MW
Hydro	1,833	MW
Distillate	0	MW
Total TNB	8,084	MW
Total IPP	11,055	MW
Total Co-Gen	60	MW
System Total	19,479	MW

Set On Bus, TNB, IPP And MD

At Daily Maximum Demand Hour : 15:30		
TNB Generation	4,992	MW
IPP Generation	9,185	MW
Total Set On Bus	15,270	MW
Maximum Demand	14,313	MW
Spinning Reserve	1,033	MW
Net Energy	300,673	MWH
Load Factor	87.5	%

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	11954	11404	11018	10740	10333	10379	10406	10674	11100	12688	13615	14227	14156	13648	13710	14121	14248	13920	13070	13135	13450	13222	12637	12260

Gas Usage

Station	(mmscfd)
CBPS	47
GLGR	56
PAKA	39
PGPS	51
SRDG	2
TJGS	202
TNB Total	398
KLPP	67
MPSS	53
PGLA	90
PLPS	100
SGB3	75
SGRI	70
SKSP	52
YPKA	138
IPP Total	644
Total Gas	1,041
Total Gas Required :	1,041
Gas Calorific Value :	38.500

Generation Mix

Type	MWh	Percentage
ST-Coal	49,122.00	16.34 %
Gas	53,004.00	17.63 %
Hydro	6,852.00	2.28 %
Total TNB	108,978.0	36.24 %
ST-Coal	107,628.0	35.80 %
Gas	83,368.0	27.73 %
Total IPP	190,996.0	63.52 %
Co-Gen	1,545.0	0.51 %
Total Co-Gen	1,545.0	0.51 %
Total Generation	301,519.0	100.28 %
PLTG	119.0	0.04 %
HVDC	727.0	0.24 %
Interconnection	846.0	0.28 %
Net Energy	300,673.0	100.00 %

Average SR During Peak Hour

Type	MW
GT	321
Hydro	138
Syncon	579
Thermal	7
Total	1045

	Weather	Temperature
Morning	Sunny	26
Afternoon	Hot	34

Daily MW Generation On Friday

21-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		11954	11727	11404	11224	11018	10915	10740	10511	10333	10378	10379	10369	10406	10681	10674	10718	11100	12089	12688	13201	13615	13903	14227	14291	14156	13915	13648	13539	13710	14083	14121	14313	14248	14281	13920	13557	13070	12938	13135	13569	13450	13335	13222	12978	12637	12521	12260	12212			
SRev ST-Coal		95	118	52	57	-11	66	305	455	443	438	578	603	533	263	228	206	5	6	10	13	12	-56	12	24	28	15	14	21	32	15	26	79	13	-2	31	17	16	16	20	12	-97	-9	4	2	22	24	91	103			
SRev ST-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 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		675	970	1220	1655	1877	1900	1894	1867	1911	1904	1978	1885	1884	1894	1830	1926	1681	921	831	710	678	464	177	127	283	413	602	649	414	306	230	134	248	164	338	478	692	807	602	390	498	545	108	339	333	629	620	658			
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 Distillate		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	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	424	726	726	575	726	726	726	726	575	726	726	726	575	726	726	726	575	726	726	726	575	726	726	726	726	575	726	726	726	726	575	726	726	726	726	575	726	726	726	575	726	726	575	726				
Hydro		125	116	121	385	120	117	119	256	124	116	107	116	114	176	118	115	132	112	259	108	116	116	231	104	264	220	225	202	199	290	129	94	124	115	134	250	122	129	126	118	126	109	112	117	242	113	274	102			
S.Reserve Total		1621	1930	2119	2521	2712	2809	3044	3153	3204	3184	3389	3330	3257	2908	2902	2973	2544	1765	1675	1557	1532	1250	995	981	1154	1475	1567	1598	1371	1184	1111	1033	1145	1038	1296	1370	1556	1678	1474	1246	1102	1219	950	1234	1172	1592	1560	1589			