

Availability At Daily Maximum Demand Hour

ST-Coal	1,880 MW
ST-Gas	0 MW
ST-Oil	140 MW
Gas	3,950 MW
Hydro	1,732 MW
Distillate	0 MW
Total TNB	7,702 MW
Total IPP	10,603 MW
Total Co-Gen	84 MW
System Total	18,949 MW

Set On Bus, TNB, IPP And MD

At Daily Maximum Demand Hour : 20:30	
TNB Generation	4,762 MW
IPP Generation	8,303 MW
Total Set On Bus	14,015 MW
Maximum Demand	13,142 MW
Spinning Reserve	866 MW
Net Energy	285,916 MWH
Load Factor	90.6 %

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	12334	11759	11174	10779	10390	10409	10519	10569	10192	11364	12217	12672	12809	12468	12809	12850	12777	12411	11968	12100	13072	13124	12729	12484

Gas Usage

Station	(mmscfd)
CBPS	56
GLGR	63
PAKA	59
PGPS	37
SRDG	5
TJGS	114
TNB Total	334
KLPP	93
MPSS	63
PGLA	95
PLPS	105
SGB3	91
SGRI	65
SKSP	56
YPGS	34
YPKA	134
IPP Total	736
Total Gas	1,071

Total Gas Required : 1,071
Gas Calorific Value : 38,500

Generation Mix

Type	MWh	Percentage
ST-Coal	39,755.00	13.90 %
Gas	42,637.00	14.91 %
Hydro	18,541.00	6.48 %
Total TNB	100,933.0	35.30 %
ST-Coal	85,366.0	29.86 %
Gas	96,559.0	33.77 %
Total IPP	181,925.0	63.63 %
Co-Gen	2,281.0	0.80 %
Total Co-Gen	2,281.0	0.80 %
Total Generation	285,139.0	99.73 %
PLTG	-83.0	-0.03 %
HVDC	-694.0	-0.24 %
Interconnection	-777.0	-0.27 %
Net Energy	285,916.0	100.00 %

Average SR During Peak Hour

Type	MW
GT	353
Hydro	184
Syncon	296
Thermal	41
Total	874

	Weather	Temperature
Morning	Sunny	25
Afternoon	Hot	35

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																										
TIE-HVDC		-29	-29	-29	-29	-29	-29	-29	-28	-28	-28	-29	-29	-30	-30	-29	-29	-29	-29	-29	-28	-28	-29	-29	-29	-29	-28	-28	-29	-29	-29	-29	-29	-29																	
TIE-PLTG		-46	-103	-40	14	-42	50	-35	-39	51	52	11	-10	-22	33	21	2	13	0	-31	-68	-55	-102	22	-25	2	-36	-42	-67	-28	-16	20	-13	30	11	65	28	69	28	-12	-1	14	35	7	-55	53	2	16	-76		
Interconnection		-75	-132	-69	-15	-71	21	-64	-68	22	23	-17	-38	-50	5	-8	-27	-17	-30	-60	-97	-85	-132	-7	-54	-27	-65	-71	-96	-57	-45	-9	-42	1	-18	37	0	40	-1	-41	-30	-14	7	-22	-84	24	-27	-13	-105		
System Total		12334	12097	11759	11275	11174	11003	10779	10736	10390	10370	10409	10438	10519	10417	10569	10284	10192	10923	11364	11918	12217	12560	12672	12981	12809	12623	12468	12731	12809	12900	12850	12826	12777	12674	12411	12149	11968	11879	12100	12706	13072	13142	13124	12941	12729	12686	12484	12332		
SRev ST-Coal		52	54	6	9	9	3	3	69	74	173	180	166	176	175	82	81	151	86	7	8	7	2	8	3	6	9	8	5	6	10	4	3	3	138	188	192	189	187	188	187	187	186	186	184	196	185	186	178		
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		618	812	488	744	651	718	971	975	1094	926	918	924	852	865	805	1099	1109	1052	874	701	539	444	399	237	363	486	548	348	335	289	307	298	305	556	717	721	835	987	849	569	410	377	396	515	460	510	573	633		
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		474	474	474	474	625	625	625	625	625	726	726	726	726	726	726	726	726	726	474	625	625	625	323	474	474	474	474	474	474	474	474	474	474	474	474	323	323	323	323	172	0	0	0	0	0	0	0	0		
Hydro		154	133	153	206	71	93	100	74	96	86	87	86	78	125	131	143	143	229	72	69	90	351	196	165	165	261	354	318	218	147	152	165	169	132	206	269	263	246	363	222	302	297	331	334	353	408	256	335		
S.Reserve Total		1303	1478	1126	1438	1361	1444	1704	1748	1894	1916	1916	1907	1837	1896	1749	2054	2134	1846	1583	1408	1266	1125	1082	884	1013	1235	1389	1150	1038	925	942	945	956	1305	1439	1510	1615	1748	1577	983	962	866	922	1157	1014	1108	1020	1151		