

Availability At Daily Maximum Demand Hour

ST-Coal	2,070 MW
ST-Gas	0 MW
ST-Oil	140 MW
Gas	4,086 MW
Hydro	1,833 MW
Distillate	0 MW
Total TNB	8,129 MW
Total IPP	10,194 MW
Total Co-Gen	46 MW
System Total	18,649 MW

Set On Bus, TNB, IPP And MD

At Daily Maximum Demand Hour : 14:30		
TNB Generation	6,133 MW	
IPP Generation	8,481 MW	
Total Set On Bus	15,815 MW	
Maximum Demand	14,639 MW	
Spinning Reserve	1,155 MW	
Net Energy	297,189 MWH	
Load Factor	84.6 %	

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	10795	10324	9925	9647	9488	9425	9563	10063	10763	12724	13615	14212	14326	14053	14510	14499	14460	14078	13206	13270	13756	13428	12812	12415

Gas Usage

Station	(mmscfd)
CBPS	46
GLGR	63
PAKA	125
PGPS	53
SRDG	13
TJGS	222
TNB Total	522
KLPP	78
MPSS	60
PDPS	11
PGLA	115
PLPS	118
SGB3	86
SGRI	68
SKSP	53
YPKA	126
IPP Total	716
Total Gas	1,238
Total Gas Required :	1,238
Gas Calorific Value :	38,500

Generation Mix

Type	MWh	Percentage
ST-Coal	46,009.00	15.48 %
Gas	67,848.00	22.83 %
Hydro	11,950.00	4.02 %
Total TNB	125,807.0	42.33 %
ST-Coal	77,290.0	26.01 %
ST-Oil	56.0	0.02 %
Gas	93,149.0	31.34 %
Total IPP	170,495.0	57.37 %
Co-Gen	1,352.0	0.45 %
Total Co-Gen	1,352.0	0.45 %
Total Generation	297,654.0	100.16 %
PLTG	-169.0	-0.06 %
HVDC	634.0	0.21 %
Interconnection	465.0	0.16 %
Net Energy	297,189.0	100.00 %

Average SR During Peak Hour

Type	MW
GT	300
Hydro	183
Syncon	538
Thermal	20
Total	1041

Weather Temperature

Weather	Temperature
Morning	Sunny 28
Afternoon	Hot 32

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																										
Total Co-Gen	55	52	54	54	54	54	54	57	55	52	50	51	50	51	52	53	54	55	54	53	53	52	51	48	46	47	48	46	46	48	46	47	47	49	48	45	48	50	49	51	51	52	51	52	50	49				
Total Gen	10850	10577	10462	10447	10231	9726	9664	9523	9462	9373	9392	9445	9543	9806	10105	10282	10708	11983	12741	13293	13633	13984	14259	14474	14399	14193	14097	14265	14555	14660	14556	14494	14490	14509	14142	13679	13190	12939	13270	13799	13769	13656	13413	13173	12939	12763	12496	12369		
TIE-BGAT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
TIE-HVDC	-29	-29	-29	30	30	31	31	31	31	29	29	30	30	31	31	30	30	30	30	30	30	30	29	29	30	30	31	31	30	30	29	29	31	31	30	30	29	29	31	31	30	30	31	31	30	30	29			
TIE-PLTG	84	8	167	267	276	-4	-14	-35	-57	-67	-62	-16	-50	-69	11	-77	-85	-118	-14	-20	-12	73	17	29	43	17	15	-26	15	-8	28	-2	0	-11	33	4	-46	30	-29	-56	-18	3	-45	3	96	-23	51	-3		
Interconnection	55	-21	138	297	306	27	17	-4	-26	-38	-33	14	-20	-38	42	-47	-55	-87	17	10	18	103	47	59	73	46	44	4	45	21	57	28	30	20	64	34	-16	59	0	-25	13	33	-15	34	127	7	81	26		
System Total	10795	10598	10324	10150	9925	9699	9647	9527	9488	9411	9425	9431	9563	9844	10063	10329	10763	12070	12724	13283	13615	13881	14212	14415	14326	14147	14053	14261	14510	14639	14499	14466	14460	14489	14078	13645	13206	12580	13270	13824	13756	13623	13428	13139	12812	12756	12415	12343		
SRev ST-Coal	391	600	602	625	711	526	544	540	546	549	537	546	543	542	537	549	533	419	152	81	11	10	15	14	8	13	18	6	10	21	9	16	22	13	20	22	9	-2	6	9	-3	19	0	12	16	-2	62	34		
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	
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	635	610	704	690	672	906	1023	1134	1206	1217	1246	1157	1156	991	740	753	539	353	441	553	422	338	295	257	341	407	380	227	270	323	336	216	195	174	345	357	687	611	321	144	114	119	296	547	611	413	534	433		
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	575	726	726	726	726	726	575	726	726	575	726	726	575	575	575	726	726	726	424	575	575	575	575	575	424	575	575	575	575	575	575	726	726	726	726	424	575	726	726	575	726	726	726	726		
Hydro	138	36	59	81	211	135	130	133	130	109	246	124	123	242	105	96	95	250	252	208	111	114	112	281	149	281	351	350	259	347	254	294	247	260	145	149	145	145	119	363	283	220	153	284	158	143	174	169		
S.Reserve Total	1890	1972	2091	2122	2169	2293	2423	2533	2608	2601	2604	2553	2548	2350	2108	2124	1893	1597	1420	1417	1270	1263	1198	1002	1076	1279	1328	1161	1152	1155	1269	1223	1025	1007	1224	1254	1567	1480	1172	940	969	1084	1177	1418	1511	1280	1496	1364		