

Availability At Daily Maximum Demand Hour

ST-Coal	1,980 MW
ST-Gas	150 MW
ST-Oil	0 MW
Gas	4,526 MW
Hydro	1,561 MW
Distillate	60 MW
Total TNB	8,277 MW
Total IPP	11,232 MW
Total Co-Gen	78 MW
System Total	19,587 MW

Set On Bus, TNB, IPP And MD

At Daily Maximum Demand Hour : 14:30	
TNB Generation	5,702 MW
IPP Generation	9,009 MW
Total Set On Bus	15,648 MW
Maximum Demand	14,844 MW
Spinning Reserve	859 MW
Net Energy	308,059 MWH
Load Factor	86.5 %

Maximum Demand Record

Date :	09/05/2011	15,476.0 MW
Date :	10/05/2011	318,459.0 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	12051	11371	10903	10678	10399	10397	10623	10934	11193	12866	13740	14391	14347	14007	14577	14811	14817	14522	13275	13317	14049	13871	13129	12701

Gas Usage

Station	(mmscfd)
CBPS	47
GLGR	55
PAKA	35
PGPS	33
SRDG	10
TJGS	200
TNB Total	381
KLPP	98
MPSS	47
PGLA	103
PLPS	98
SGRI	140
YPGS	68
YPKA	137
IPP Total	691
Total Gas	1,072
Total Gas Required :	1,072
Gas Calorific Value :	38.500

Generation Mix

Type	MWh	Percentage
ST-Coal	44,399.00	14.41 %
Gas	51,861.00	16.83 %
Hydro	17,103.00	5.55 %
Total TNB	113,363.0	36.80 %
ST-Coal	98,969.0	32.13 %
ST-Gas	496.0	0.16 %
Gas	92,573.0	30.05 %
Total IPP	192,038.0	62.34 %
Co-Gen	2,059.0	0.67 %
Total Co-Gen	2,059.0	0.67 %
Total Generation	307,460.0	99.81 %
PLTG	31.0	0.01 %
HVDC	-630.0	-0.20 %
Interconnection	-599.0	-0.19 %
Net Energy	308,059.0	100.00 %

Average SR During Peak Hour

Type	MW
GT	409
Hydro	230
Syncon	238
Thermal	63
Total	940

Weather Temperature

Weather	Temperature
Morning	Sunny 26
Afternoon	Cloudy 31

Daily MW Generation On Wednesday

07-Mar-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																													
TIE-HVDC	-29	-29	-29	-29	-30	-30	-29	-29	-29	-29	-29	-29	-30	-30	-29	-29	-30	-30	-28	-28	-30	-30	-29	-29	-29	-29	-29	-29	-31	-31	-29	-29	-29																				
TIE-PLTG	-57	1	50	120	98	129	-98	41	-34	93	47	155	-71	-93	14	1	-61	59	-17	1	-3	-25	-48	-66	4	-67	-67	-101	-18	-25	-9	-39	4	-54	8	-2	-3	-60	17	-2	-96	4	-27	48	6	21	52	123					
Interconnection	-86	-28	21	91	69	99	-128	12	-63	64	18	126	-100	-122	-15	-29	-91	30	-46	-29	-33	-54	-77	-96	4	-67	-67	-101	-18	-55	-39	-67	-24	-84	-22	-31	-32	-89	-12	-31	-125	-25	-56	17	-25	-8	23	94					
System Total	12051	11579	11371	11105	10903	10750	10678	10457	10399	10287	10397	10383	10623	10969	10934	10855	11193	12211	12866	13378	13740	14147	14391	14573	14347	14092	14007	14257	14577	14844	14811	14809	14817	14767	14522	13939	13275	13245	13317	13905	14049	13936	13871	13485	13129	12993	12701	12308					
SRev ST-Coal	48	40	40	42	130	296	508	513	502	487	476	435	427	410	398	518	429	417	163	91	98	93	71	49	54	53	50	57	49	49	54	52	55	44	54	75	-7	85	87	80	93	83	92	86	62	77	73	75					
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	0		
SRev CCGT-Gas	1345	1732	1826	1906	2069	2079	2070	2081	2120	2114	2116	2070	2048	2113	2097	2118	2002	997	730	626	567	245	213	366	415	676	649	592	337	277	356	356	362	368	434	479	890	976	647	581	498	342	395	449	809	647	832	1090					
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	90	41	41	40	40	112	112	113	106	76	114	98	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	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	0	
Syncon	625	474	625	736	736	736	736	736	736	736	736	736	736	474	474	625	625	625	625	474	172	172	172	172	172	474	625	323	172	172	172	172	172	172	172	323	625	625	625	172	172	323	323	625	625	625	625	625	625	625			
Hydro	206	364	257	147	122	117	106	126	144	139	98	87	99	180	136	84	68	126	212	210	291	326	312	252	373	136	101	239	287	249	273	311	282	318	307	338	222	81	177	213	195	201	239	184	230	114	175	237					
S.Reserve Total	2224	2610	2748	2831	3057	3228	3420	3456	3502	3476	3426	3328	3310	3177	3105	3345	3124	2165	1730	1401	1128	836	768	929	1055	1380	1465	1251	957	859	968	997	947	1016	1065	1215	1730	1767	1536	1046	958	949	1049	1344	1726	1463	1705	2027					