

Availability At Daily Maximum Demand Hour

ST-Coal	1,290 MW
ST-Gas	80 MW
ST-Oil	0 MW
Gas	3,451 MW
Hydro	1,540 MW
Distillate	710 MW
Total TNB	7,071 MW
Total IPP	10,366 MW
Total Co-Gen	53 MW
System Total	17,490 MW

Set On Bus, TNB, IPP And MD

At Daily Maximum Demand Hour : 20:30		
TNB Generation	4,249 MW	
IPP Generation	8,008 MW	
Total Set On Bus	13,266 MW	
Maximum Demand	12,327 MW	
Spinning Reserve	956 MW	
Net Energy	266,342 MWH	
Load Factor	90.0 %	

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	11921	11328	10908	10592	10367	10043	10161	10124	9646	10170	10828	11256	11441	11310	11444	11618	11461	11329	10903	11220	12177	12284	12173	11817

Gas Usage

Station	(mmscfd)
CBPS	45
GLGR	36
PGPS	47
TJGS	98
TNB Total	226
KLPP	3
MPSS	47
PGLA	72
PLPS	70
SGB3	59
SGRI	10
SKSP	57
YPGS	31
YPKA	94
IPP Total	444
Total Gas	670

Alternate Fuel Usage

Station	(mmscfd)
PGLA	13
PKLG	130
SGB3	6
SGRI	7
TJGS	44
Total	199

Generation Mix

Type	MWh	Percentage
ST-Coal	30,841.00	11.58 %
Gas	29,201.00	10.96 %
Hydro	21,290.00	7.99 %
Distillate	6,273.00	2.36 %
Total TNB	87,605.0	32.89 %
ST-Coal	102,188.0	38.37 %
ST-Oil	12,756.0	4.79 %
Gas	58,064.0	21.80 %
Distillate	3,359.0	1.26 %
Total IPP	176,367.0	66.22 %
Co-Gen	1,463.0	0.55 %
Total Co-Gen	1,463.0	0.55 %
Total Generation	265,435.0	99.66 %
PLTG	-208.0	-0.08 %
HVDC	-699.0	-0.26 %
Interconnection	-907.0	-0.34 %
Net Energy	266,342.0	100.00 %

Average SR During Peak Hour

Type	MW
GT	242
Hydro	150
Syncon	249
Thermal	74
Total	715

Weather Temperature

Weather	Temperature
Morning	Sunny 27
Afternoon	Hot 35

Daily MW Generation On Sunday

08-Apr-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		11921	11491	11328	11229	10908	10675	10592	10510	10367	10258	10043	10217	10161	10306	10124	9481	9646	9744	10170	10422	10828	11013	11256	11380	11441	11342	11310	11575	11444	11590	11618	11501	11461	11395	11329	10980	10903	10972	11220	11928	12177	12327	12284	12245	12173	12018	11817	11756		
SRev ST-Coal		55	50	54	44	35	47	48	45	39	49	113	108	105	106	102	278	274	267	264	135	38	40	141	257	118	40	48	48	45	52	45	88	94	105	90	60	52	39	48	48	52	44	51	45	51	50	36	44		
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		1	4	11	11	11	11	5	5	2	2	-1	-1	-2	-2	48	56	56	1	-5	-3	-3	-2	27	56	56	5	5	6	86	87	-13	-27	50	23	-4	-4	-4	-3	-3	-4	-4	-4	-4	-4	-3	-3	-1	-1		
SRev CCGT-Gas		390	420	535	637	812	665	649	749	803	1010	1052	783	760	714	761	859	846	768	656	371	502	329	267	142	222	604	374	485	305	214	321	228	187	364	751	1098	1167	1059	1022	408	123	182	172	279	373	427	497	556		
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	20	20	25	18	21	21	12	245	137	132	113	34	25	28	92	17	31	71	
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	
Syncon		302	302	302	302	302	302	453	453	453	453	453	453	453	453	453	539	625	474	453	453	302	302	302	302	151	0	302	151	151	151	151	151	453	604	604	604	604	604	604	453	453	453	604	604	604	604	604	453		
Hydro		118	103	99	187	166	213	78	73	126	47	121	104	130	144	179	342	102	193	42	102	59	95	131	93	228	236	211	128	270	212	231	267	149	127	127	183	221	108	47	199	255	247	170	125	42	79	167	289		
S.Reserve Total		866	879	1001	1181	1326	1238	1233	1325	1423	1561	1738	1447	1446	1415	1493	2066	1903	1758	1416	1056	898	763	839	821	775	936	940	817	777	715	855	741	881	1268	1616	1962	2052	2051	1855	1237	992	956	1018	1077	1159	1174	1334	1412		