

Availability At Daily Maximum Demand Hour

ST-Coal	1,980	MW
ST-Gas	150	MW
ST-Oil	0	MW
Gas	4,141	MW
Hydro	1,777	MW
Distillate	60	MW
Total TNB	8,108	MW
Total IPP	11,362	MW
Total Co-Gen	87	MW
System Total	20,107	MW

Set On Bus, TNB, IPP And MD

At Daily Maximum Demand Hour : 16:00		
TNB Generation	5,801	MW
IPP Generation	8,685	MW
Total Set On Bus	15,480	MW
Maximum Demand	14,569	MW
Spinning Reserve	907	MW
Net Energy	303,629	MWH
Load Factor	86.8	%

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	11834	11113	10719	10368	10114	10221	10475	10593	11013	12827	13637	14261	14185	13963	14304	14558	14569	14203	13114	12913	13960	13683	13045	12667

Gas Usage

Station	(mmscfd)
CBPS	42
GLGR	54
PAKA	126
PGPS	51
TJGS	146
TNB Total	420
KLPP	84
MPSS	42
PGLA	89
PLPS	97
SGB3	61
SGRI	40
SKSP	48
YPGS	34
YPKA	138
IPP Total	633
Total Gas	1,053
Total Gas Required :	1,053
Gas Calorific Value :	38.500

Generation Mix

Type	MWh	Percentage
ST-Coal	46,818.00	15.42 %
Gas	55,339.00	18.23 %
Hydro	16,634.00	5.48 %
Total TNB	118,791.0	39.12 %
ST-Coal	96,959.0	31.93 %
Gas	84,926.0	27.97 %
Total IPP	181,885.0	59.90 %
Co-Gen	2,252.0	0.74 %
Total Co-Gen	2,252.0	0.74 %
Total Generation	302,928.0	99.77 %
PLTG	2.0	0.00 %
HVDC	-703.0	-0.23 %
Interconnection	-701.0	-0.23 %
Net Energy	303,629.0	100.00 %

Average SR During Peak Hour

Type	MW
GT	327
Hydro	177
Syncon	390
Thermal	43
Total	937

Weather Temperature

Weather	Temperature
Morning	Sunny 26
Afternoon	Hot 35

Daily MW Generation On Tuesday

21-Feb-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																												
Total Gen		11779	11621	11069	10856	10722	10686	10358	10344	10078	10112	10119	10182	10385	10546	10668	10591	11210	11940	12878	13114	13528	14004	14248	14321	14192	13994	13925	14104	14251	14526	14530	14484	14573	14417	14210	13608	13087	12928	12884	13564	13873	13787	13748	13515	13011	12919	12620	12208				
TIE-EGAT		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	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	-29	-29	-30	-30	-29	-29	-29	-29	-29	-30	-30	-30	-30	-30	-29	-29	-29	-29	-28	-28	-29	-29	-29	-29	-30	-30	-30	-30	-30	-29	-29	-30	-30	-29	-29	-30	-30	-29	-29	-30	-29	-29	-29	-29	-29	-29			
TIE-PLTG		-26	43	-15	-64	32	24	20	209	-7	-108	-73	-217	-61	-40	104	-35	227	78	80	54	-79	-50	17	-14	36	23	-9	-19	-25	54	1	2	33	6	37	42	3	50	0	27	-57	-3	94	84	-4	34	-18	6				
Interconnection		-55	14	-44	-93	3	-5	-10	179	-36	-137	-102	-246	-90	-69	75	-65	197	49	51	24	-109	-80	-13	-43	7	-6	-38	-47	-53	25	-28	-27	4	-24	7	12	-27	21	-29	-3	-87	-32	65	54	-34	5	-47	-23				
System Total		11834	11607	11113	10949	10719	10691	10368	10165	10114	10249	10221	10428	10475	10615	10593	10656	11013	11891	12827	13090	13637	14084	14261	14364	14185	14000	13963	14151	14304	14501	14558	14511	14569	14441	14203	13896	13114	12907	12913	13567	13960	13819	13683	13461	13045	12914	12667	12231				
SRev ST-Coal		36	30	87	161	157	251	538	540	573	592	574	574	538	469	280	451	163	29	35	42	41	38	34	50	49	41	48	47	45	50	55	50	47	37	53	58	54	56	50	56	39	101	101	35	39	87	85	82				
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 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	0	0
SRev CCGT-Gas		1729	1769	1707	1671	1717	1679	1703	1729	1709	1627	1651	1586	1659	1636	1680	1617	1674	1380	530	552	364	357	240	248	247	386	443	276	246	247	263	236	163	152	249	428	1126	1163	1220	666	409	493	481	735	986	980	1161	1200				
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	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	585	736	585	736	736	736	736	736	736	736	625	625	625	625	625	625	474	323	625	625	625	625	323	474	474	474	475	625	539	237	237	237	237	237	237	237	237	237	237	237	237	388				
Hydro		156	290	146	54	143	124	136	273	141	211	90	79	132	90	112	86	95	121	125	125	111	111	137	368	202	206	214	202	76	343	166	214	223	256	112	102	219	197	197	161	294	233	233	265	262	256	232	219				
S.Reserve Total		2546	2563	2565	2622	2753	2790	3113	3127	3159	3015	3051	2975	3065	2931	2808	2890	2557	2155	1320	1349	1146	1136	890	998	1128	1263	1335	1155	997	963	958	974	907	920	1039	1127	1636	1653	1704	1120	979	1064	1052	1272	1524	1560	1715	1974				