

Availability At Daily Maximum Demand Hour

ST-Coal	1,980	MW
ST-Gas	0	MW
ST-Oil	150	MW
Gas	4,386	MW
Hydro	1,868	MW
Distillate	60	MW
Total TNB	8,444	MW
Total IPP	11,017	MW
Total Co-Gen	73	MW
System Total	20,094	MW

Set On Bus, TNB, IPP And MD

At Daily Maximum Demand Hour : 14:30		
TNB Generation	5,890	MW
IPP Generation	8,249	MW
Total Set On Bus	15,184	MW
Maximum Demand	14,178	MW
Spinning Reserve	972	MW
Net Energy	289,668	MWH
Load Factor	85.1	%

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	11103	10382	10113	9702	9556	9475	9597	9940	10393	12276	13192	13791	13845	13519	13967	14151	14175	13867	12882	12556	13554	13287	12828	12207

Gas Usage

Station	(mmscfd)
CBPS	37
GLGR	54
PAKA	67
PGPS	45
SRDG	6
TJGS	193
TNB Total	403
KLPP	104
PGLA	101
PLPS	102
SGB3	73
SKSP	47
YPGS	67
YPKA	103
IPP Total	598
Total Gas	1,001
Total Gas Required :	1,001
Gas Calorific Value :	38,500

Generation Mix

Type	MWh	Percentage
ST-Coal	43,854.00	15.14 %
Gas	54,147.00	18.69 %
Hydro	12,360.00	4.27 %
Total TNB	110,361.0	38.10 %
ST-Coal	97,556.0	33.68 %
Gas	80,744.0	27.87 %
Total IPP	178,300.0	61.55 %
Co-Gen	1,950.0	0.67 %
Total Co-Gen	1,950.0	0.67 %
Total Generation	290,611.0	100.33 %
PLTG	219.0	0.08 %
HVDC	724.0	0.25 %
Interconnection	943.0	0.33 %
Net Energy	289,668.0	100.00 %

Average SR During Peak Hour

Type	MW
GT	213
Hydro	183
Syncon	473
Thermal	56
Total	925

Weather Temperature

	Weather	Temperature
Morning	Sunny	26
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																										
System Total		11103	10716	10382	10274	10113	9952	9702	9592	9556	9372	9475	9367	9597	9821	9940	9906	10393	11520	12276	12836	13192	13530	13791	13924	13845	13626	13519	13713	13967	14178	14151	14170	14175	14176	13867	13403	12882	12580	12556	13271	13554	13427	13287	13170	12828	12763	12207	12140		
SRev ST-Coal		50	176	364	374	491	513	513	513	512	513	576	570	532	526	507	509	432	54	65	77	66	51	74	59	68	59	70	60	57	63	63	60	62	60	65	65	64	64	66	65	67	70	71	67	61	67	66	63		
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	
SRev CCGT-Gas		759	1000	1200	1302	1345	1569	1706	1820	1812	2040	1770	1824	1695	1507	1573	1614	1476	1118	530	330	269	196	216	176	162	220	208	159	156	145	147	158	168	174	253	230	483	751	785	235	88	163	252	346	402	499	805	936		
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	45	56	43	43	44	42	85	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	
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		731	731	731	731	731	580	731	731	731	731	731	731	731	731	731	731	731	731	731	625	625	474	625	625	625	625	625	625	625	625	474	474	474	474	474	474	474	625	882	882	882	580	580	580	580	429	580	580	882	882
Hydro		113	105	99	91	111	134	300	251	132	130	78	119	240	244	120	118	123	124	117	116	119	156	158	129	167	345	445	339	157	224	262	238	199	224	379	296	120	155	165	271	179	194	194	325	196	199	122	117		
S.Reserve Total		1663	2022	2404	2508	2688	2957	3109	3325	3197	3424	3165	3254	3057	2867	2941	2982	2772	2037	1453	1158	1089	887	1083	999	1032	1259	1358	1193	1050	972	999	983	957	984	1266	1226	1664	1967	2013	1161	924	1017	1107	1177	1249	1355	1885	2008		