

Availability At Daily Maximum Demand Hour

ST-Coal	1,980	MW
ST-Gas	150	MW
ST-Oil	0	MW
Gas	4,386	MW
Hydro	1,822	MW
Distillate	60	MW
Total TNB	8,398	MW
Total IPP	11,907	MW
Total Co-Gen	77	MW
System Total	20,932	MW

Set On Bus, TNB, IPP And MD

At Daily Maximum Demand Hour : 15:00		
TNB Generation	5,567	MW
IPP Generation	9,560	MW
Total Set On Bus	16,134	MW
Maximum Demand	15,231	MW
Spinning Reserve	930	MW
Net Energy	317,803	MWH
Load Factor	86.9	%

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	12639	11931	11399	11215	10822	10718	11083	11192	11288	13244	14117	14823	14776	14299	14981	15231	15095	14833	13646	13281	14300	14073	13613	13226

Gas Usage

Station	(mmscfd)
CBPS	57
GLGR	57
PGPS	49
SRDG	6
TJGS	155
TNB Total	324
KLPP	93
MPSS	49
PGLA	91
PLPS	110
SGB3	89
SGRI	48
SKSP	36
YPGS	34
YPKA	137
IPP Total	687
Total Gas	1,011
Total Gas Required :	1,011
Gas Calorific Value :	38.500

Generation Mix

Type	MWh	Percentage
ST-Coal	47,044.00	14.80 %
Gas	42,839.00	13.48 %
Hydro	21,420.00	6.74 %
Total TNB	111,303.0	35.02 %
ST-Coal	114,556.0	36.05 %
Gas	89,641.0	28.21 %
Total IPP	204,197.0	64.25 %
Co-Gen	1,921.0	0.60 %
Total Co-Gen	1,921.0	0.60 %
Total Generation	317,421.0	99.88 %
PLTG	5.0	0.00 %
HVDC	-387.0	-0.12 %
Interconnection	-382.0	-0.12 %
Net Energy	317,803.0	100.00 %

Average SR During Peak Hour

Type	MW
GT	422
Hydro	197
Syncon	246
Thermal	69
Total	934

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																											
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												
TIE-HVDC		-29	-29	-29	-29	-30	-30	-30	-30	-29	-29	-28	-28	-30	-30	-30	-30	-30	-29	0	-29	-30	-30	-29	-29	-29	-29	-29	-29	-28	102	102	102	99	50	-29	-29	-29														
TIE-PLTG		54	16	-3	184	210	-30	45	32	148	-33	80	-11	-34	57	96	99	26	1	62	-19	49	-32	-5	-33	82	12	35	13	-72	-14	2	-30	47	39	-34	-56	-23	-22	-73	-109	-101	43	63	44	120	-22	57	54			
Interconnection		25	-13	-32	155	181	-60	15	2	118	-62	51	-39	-62	27	66	70	-3	-29	32	-49	19	-62	-35	-62	53	12	6	-17	-102	-43	-27	-59	18	10	-63	-85	-52	-51	-102	-137	1	145	165	143	170	-51	28	25			
System Total		12639	12158	11931	11580	11399	11507	11215	11107	10822	10897	10718	10871	11083	11185	11192	11109	11288	12464	13244	13773	14117	14482	14823	14912	14776	14447	14299	14571	14981	15210	15231	15169	15095	15079	14833	14211	13646	13200	13281	13829	14300	14246	14073	13980	13613	13639	13226	12977			
SRev ST-Coal		72	70	84	77	67	80	73	79	226	383	304	295	302	165	61	77	83	86	84	73	81	68	70	93	83	91	91	83	85	93	86	83	74	72	68	65	61	64	71	62	76	70	73	79	108	64	65	62			
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 CCGT-Gas		383	675	906	1072	1205	1347	1356	1350	1362	1346	1349	1353	1346	1353	1351	1352	1368	729	783	777	607	624	454	464	453	631	757	717	524	338	343	239	444	457	612	594	710	1108	1142	645	314	353	445	473	432	516	427	705			
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	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
Syncon		474	625	625	625	625	625	625	736	736	736	736	736	625	625	625	625	625	474	151	388	388	388	302	302	302	388	539	302	302	302	302	388	237	237	237	625	776	776	776	776	323	237	237	237	151	151	388	388			
Hydro		128	123	113	119	149	128	120	133	144	31	111	60	62	82	139	223	136	78	195	184	225	215	281	205	247	345	222	260	125	208	162	155	241	239	258	194	90	132	61	53	213	178	234	166	269	230	204	179			
S.Reserve Total		1057	1493	1728	1893	2046	2180	2174	2298	2468	2496	2500	2444	2335	2225	2176	2277	2212	1367	1213	1422	1301	1295	1107	1064	1085	1455	1609	1362	1036	967	930	886	1021	1046	1175	1478	1637	2080	2050	1536	926	923	1074	1040	1045	1046	1084	1334			