

Availability At Daily Maximum Demand Hour

ST-Coal	1,200	MW
ST-Gas	0	MW
ST-Oil	155	MW
Gas	4,137	MW
Hydro	1,512	MW
Distillate	60	MW
Total TNB	7,064	MW
Total IPP	11,152	MW
Total Co-Gen	52	MW
System Total	18,268	MW

Set On Bus, TNB, IPP And MD

At Daily Maximum Demand Hour : 11:30		
TNB Generation	4,668	MW
IPP Generation	9,493	MW
Total Set On Bus	15,243	MW
Maximum Demand	14,323	MW
Spinning Reserve	1,030	MW
Net Energy	296,308	MWH
Load Factor	86.2	%

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	11705	11198	10849	10306	10045	9856	10194	10403	10909	12512	13530	14096	13971	13517	14047	14138	14177	13616	12916	12997	13430	13245	12729	12241

Gas Usage

Station	(mmscfd)
GLGR	54
PAKA	176
PGPS	47
TJGS	146
TNB Total	424
KLPP	84
MPSS	44
PGLA	86
SGB3	78
SGRI	102
SKSP	47
YPGS	34
YPKA	141
IPP Total	617
Total Gas	1,041

Total Gas Required : 1,196
Gas Calorific Value : 38.500

Alternate Fuel Usage

Station	(mmscfd)
PGPS	32
PKLG	122
Total	155

Generation Mix

Type	MWh	Percentage
ST-Coal	27,360.00	9.23 %
ST-Oil	3,015.00	1.02 %
Gas	56,348.00	19.02 %
Hydro	12,694.00	4.28 %
Total TNB	99,417.0	33.55 %
ST-Coal	99,677.0	33.64 %
ST-Oil	11,985.0	4.04 %
Gas	83,199.0	28.08 %
Total IPP	194,861.0	65.76 %
Co-Gen	1,310.0	0.44 %
Total Co-Gen	1,310.0	0.44 %
Total Generation	295,588.0	99.76 %
PLTG	-19.0	-0.01 %
HVDC	-701.0	-0.24 %
Interconnection	-720.0	-0.24 %
Net Energy	296,308.0	100.00 %

Average SR During Peak Hour

Type	MW
GT	421
Hydro	184
Syncon	431
Thermal	29
Total	1066

	Weather	Temperature
Morning	Sunny	28
Afternoon	Hot	32

Daily MW Generation On Tuesday

20-Sep-2011

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																									
PCUF	CUFK	33	33	34	34	32	32	33	33	33	33	33	34	34	34	34	34	31	31	31	31	30	30	29	29	29	29	28	28	27	27	28	28	29	29	28	28	33	33	34	34	35	35	36	36	34	34			
Total Co-Gen		53	56	56	56	54	54	55	55	55	55	55	56	56	56	54	57	53	54	53	53	51	52	51	50	50	50	50	48	48	50	49	50	51	49	50	55	55	56	56	57	57	58	58	56	56				
Total Gen		11654	11210	11152	10842	10739	10584	10397	10158	10058	9980	9915	10022	10201	10614	10391	10294	10971	12005	12510	13133	13470	13798	14075	14213	13914	13660	13479	13683	14001	14285	14126	14158	14118	14035	13624	13422	12869	12670	12972	13519	13449	13358	13202	12938	12678	12467	12248	11874	
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	
TIE-HVDC		-30	-30	-29	-29	-29	-29	-29	-28	-28	-29	-29	-29	-28	-28	-29	-29	-30	-30	-30	-30	-30	-30	-28	-28	-28	-30	-30	-30	-29	-29	-29	-29	-29	-29	-28	-28	-30	-30	-30	-31	-28	-30	-30						
TIE-PLTG		-21	-10	-17	22	-81	7	120	-70	41	-45	88	-18	36	-55	16	1	91	67	28	-10	-30	33	9	-80	-27	-77	-10	-51	-16	-2	18	21	-30	45	37	83	-18	-75	4	-45	47	21	-13	19	-20	-8	37	-9	
Interconnection		-51	-40	-46	-7	-110	-22	91	-99	13	-73	59	-47	7	-84	-12	-27	62	38	-2	-40	-60	3	-21	-110	-57	-105	-38	-79	-46	-32	-12	-9	-59	16	8	54	-47	-104	-25	-73	19	-9	-43	-11	-51	-36	7	-39	
System Total		11705	11250	11198	10849	10849	10606	10306	10257	10045	10053	9856	10069	10194	10698	10403	10321	10909	11967	12512	13173	13530	13795	14096	14323	13971	13765	13517	13762	14047	14317	14138	14167	14177	14019	13616	13368	12916	12774	12997	13592	13430	13367	13245	12949	12729	12503	12241	11913	
SRev ST-Coal		22	38	27	29	125	109	141	291	282	303	293	298	287	205	210	280	289	79	21	23	27	27	29	12	27	21	26	41	35	26	32	32	16	31	38	37	31	24	21	25	21	23	34	17	24	36	28	36	
SRev ST-Oil		6	12	13	12	65	66	67	63	65	63	63	62	62	62	62	63	21	7	7	6	6	6	6	7	8	6	7	7	6	8	7	6	6	9	14	13	12	10	10	10	10	10	10	10	10	10	12	6	6
SRev CCGT-Gas		718	886	981	1127	1145	1162	1281	1283	1351	1340	1351	1321	1301	1181	1283	1240	1287	835	1003	644	610	413	345	335	600	822	1007	822	572	372	494	485	564	478	410	410	976	991	775	377	386	344	318	436	455	405	407	661	
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
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		625	474	474	580	429	580	580	429	731	731	731	731	625	474	625	731	625	625	625	625	625	625	625	625	474	625	474	625	474	388	388	388	388	388	474	625	625	625	474	474	474	474	474	474	474	474	474	474	
Hydro		149	177	43	100	133	87	123	249	136	96	135	85	96	87	168	132	132	167	108	154	146	115	92	202	68	107	248	63	153	258	288	266	175	185	237	141	133	117	190	287	353	394	276	339	239	241	240	232	
S.Reserve Total		1520	1587	1643	1953	2002	2109	2297	2420	2670	2638	2678	2602	2476	2114	2453	2551	2354	1713	1764	1452	1414	1186	1097	1030	1328	1581	1762	1558	1240	1052	1209	1177	1149	1091	1173	1226	1777	1767	1470	1173	1244	1245	1112	1276	1202	1168	1155	1409	