

Availability At Daily Maximum Demand Hour

ST-Coal	1,980	MW
ST-Gas	0	MW
ST-Oil	80	MW
Gas	3,396	MW
Hydro	1,874	MW
Distillate	60	MW
Total TNB	7,390	MW
Total IPP	11,341	MW
Total Co-Gen	52	MW
System Total	18,783	MW

Set On Bus, TNB, IPP And MD

At Daily Maximum Demand Hour : 11:30

TNB Generation	4,990	MW
IPP Generation	9,258	MW
Total Set On Bus	15,184	MW
Maximum Demand	14,378	MW
Spinning Reserve	884	MW
Net Energy	296,060	MWH
Load Factor	85.8	%

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	11284	10777	10515	10156	9979	9883	10089	10353	10930	12472	13625	14328	14309	13741	14153	14161	14209	13917	13095	13018	13512	13287	12705	12074

Gas Usage

Station	(mmscfd)
CBPS	52
GLGR	55
PAKA	44
SRDG	16
TJGS	99
TNB Total	265
KLPP	89
MPSS	27
PGLA	93
PLPS	90
SGB3	77
SGRI	69
SKSP	48
YPGS	68
YPKA	127

IPP Total	689
Total Gas	954

Total Gas Required :	1,103
Gas Calorific Value :	38,500

Alternate Fuel Usage

Station	(mmscfd)
PGPS	17
PKLG	132
Total	148

Generation Mix

Type	MWh	Percentage
ST-Coal	44,512.00	15.03 %
ST-Oil	1,568.00	0.53 %
Gas	35,457.00	11.98 %
Hydro	12,392.00	4.19 %
Total TNB	93,929.0	31.73 %
ST-Coal	92,263.0	31.16 %
ST-Gas	1,581.0	0.53 %
ST-Oil	12,959.0	4.38 %
Gas	92,561.0	31.26 %
Total IPP	199,364.0	67.34 %
Co-Gen	1,049.0	0.35 %
Total Co-Gen	1,049.0	0.35 %
Total Generation	294,342.0	99.42 %
PLTG	-55.0	-0.02 %
HVDC	-1,663.0	-0.56 %
Interconnection	-1,718.0	-0.58 %
Net Energy	296,060.0	100.00 %

Average SR During Peak Hour

Type	MW
GT	266
Hydro	163
Syncon	486
Thermal	51
Total	966

	Weather	Temperature
Morning	Sunny	28
Afternoon	Rainy	28

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 Co-Gen		51	50	53	53	49	51	52	52	51	52	53	53	51	51	50	52	52	51	52	51	52	53	52	47	47	48	48	49	47	45	47	46	49	48	49	46	52	49	51	51	52	51	53	54	53	53				
Total Gen		11127	10857	10607	10359	10382	10145	10002	9980	9894	9771	9754	9856	10005	10454	10329	10309	10817	11997	12402	13146	13451	13928	14225	14300	14186	13778	13641	13894	14091	14216	14225	14182	14180	14188	13863	13363	13035	12722	12946	13527	13501	13351	13206	12918	12673	12333	12088	11710		
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		-98	-98	-98	-98	-98	-98	-98	-98	-98	-98	-98	-98	-98	-98	-98	-98	-98	-98	-98	-98	-98	-98	-98	-98	-98	-98	-98	-98	-29	-29	-29	-29	-29	-29	-29	-29	-29	-29	-29	-29	-29	-29	-29	-29	-29	-29	-29			
TIE-PLTG		-59	-72	-72	-31	-35	15	-56	-53	13	-10	-31	66	14	56	74	64	-15	13	28	-38	-76	-10	-5	20	-25	46	-2	-32	-33	-1	93	21	0	-29	-25	100	-31	8	-42	-13	18	6	-32	6	-3	-38	43	-19		
Interconnection		-157	-96	-170	-129	-133	-83	-154	-151	-85	-108	-129	-32	-84	-42	-24	-34	-113	-85	-70	-136	-174	-108	-103	-78	-123	-52	-100	-130	-62	-30	64	-8	-29	-58	-54	71	-60	-21	-72	-43	-11	-23	-81	-23	-32	-67	14	-48		
System Total		11284	10953	10777	10488	10515	10228	10156	10131	9979	9879	9883	9888	10089	10496	10353	10343	10930	12082	12472	13282	13625	14036	14328	14378	14309	13830	13741	14024	14153	14246	14161	14190	14209	14246	13917	13292	13095	12743	13018	13570	13512	13374	13287	12941	12705	12400	12074	11758		
SRev ST-Coal		37	37	96	167	361	376	380	403	409	424	424	381	331	265	274	252	233	27	28	27	34	53	41	24	62	49	37	40	30	43	35	43	47	54	44	42	48	57	68	73	75	77	33	43	38	32	53	45		
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	
SRev ST-Oil		9	11	19	20	14	16	14	14	14	61	59	51	15	12	12	12	11	11	12	12	13	13	12	12	12	12	14	20	28	25	21	15	19	13	11	11	10	10	11	13	13	13	13	13	12	12	11	60		
SRev CCGT-Gas		1097	1160	1354	1488	1393	1494	1642	1638	1653	1654	1636	1672	1644	1425	1414	1642	1736	961	812	304	389	398	255	286	320	419	365	268	262	130	233	194	165	148	336	405	275	595	565	120	115	210	332	265	415	648	573	768		
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	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
Syncon		625	625	625	626	626	626	726	726	726	575	575	726	726	424	726	726	726	625	625	625	625	388	388	237	237	539	625	625	625	625	539	625	625	625	474	625	726	726	323	625	625	625	726	726	726	726	726	726		
Hydro		183	97	223	180	60	181	75	76	142	298	236	142	119	293	118	152	67	109	190	108	124	185	154	285	357	421	409	245	162	164	249	115	142	148	373	264	122	103	306	113	144	177	144	138	226	135	149	132		
S.Reserve Total		1951	1930	2317	2481	2454	2693	2837	2857	2944	3012	2930	2972	2835	2419	2544	2784	2773	1733	1667	1076	1185	1037	850	884	1070	1523	1530	1278	1111	987	1116	990	994	985	1368	1347	1181	1491	1273	944	972	1102	1248	1185	1417	1638	1597	1816		