

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	11,132	MW
Total Co-Gen	45	MW
System Total	18,241	MW

Set On Bus, TNB, IPP And MD

At Daily Maximum Demand Hour : 16:30

TNB Generation	4,651	MW
IPP Generation	9,373	MW
Total Set On Bus	15,006	MW
Maximum Demand	14,160	MW
Spinning Reserve	937	MW
Net Energy	289,193	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	10897	10366	10002	9578	9651	9576	9793	10016	10680	12263	13059	13801	13626	13325	13703	14004	14070	13725	12828	12768	13631	13287	12799	12436

Gas Usage

Station	(mmscfd)
GLGR	54
PAKA	155
PGPS	48
TJGS	150
TNB Total	407
KLPP	84
MPSS	47
PGLA	88
SGB3	80
SGRI	92
SKSP	46
YPGS	34
YPKA	129
IPP Total	600
Total Gas	1,007

Total Gas Required : 1,167
Gas Calorific Value : 38.500

Alternate Fuel Usage

Station	(mmscfd)
PGPS	33
PKLG	126
Total	159

Generation Mix

Type	MWh	Percentage
ST-Coal	27,360.00	9.46 %
ST-Oil	3,092.00	1.07 %
Gas	53,862.00	18.62 %
Hydro	11,897.00	4.11 %
Total TNB	96,211.0	33.27 %
ST-Coal	98,542.0	34.07 %
ST-Oil	12,395.0	4.29 %
Gas	80,582.0	27.86 %
Total IPP	191,519.0	66.23 %
Co-Gen	1,249.0	0.43 %
Total Co-Gen	1,249.0	0.43 %
Total Generation	288,979.0	99.93 %
PLTG	-96.0	-0.03 %
HVDC	-118.0	-0.04 %
Interconnection	-214.0	-0.07 %
Net Energy	289,193.0	100.00 %

Average SR During Peak Hour

Type	MW
GT	390
Hydro	101
Syncon	505
Thermal	24
Total	1019

	Weather	Temperature
Morning	Sunny	27
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																												
Total Gen		10937	10428	10379	10044	9920	9798	9671	9735	9640	9473	9528	9575	9781	10123	10068	10151	10675	11746	12302	12947	13065	13450	13746	13808	13566	13346	13371	13510	13672	13876	13979	13984	13969	14069	13708	13282	12729	12632	12713	13546	13638	13525	13252	13079	12843	12743	12433	11967				
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	0	
TIE-HVDC		31	29	29	-30	0	-22	30	30	30	30	30	31	31	31	30	30	30	30	30	0	0	0	0	-30	-29	-29	-29	-29	-29	-29	-29	-29	-29	-29	-29	-29	-29	-29	-29	-29	-29	-29	-29	-29	-29	-29	-29	-29	-29	-29	-29	
TIE-PLTG		9	83	-16	43	-82	-41	63	11	-41	-63	-78	48	-43	-106	21	7	-35	91	9	69	6	22	-55	-7	-30	-21	75	-38	-2	2	4	-61	-72	-62	12	-58	-71	27	-25	81	36	35	-6	-6	73	23	26	-11				
Interconnection		40	112	13	13	-82	-63	93	41	-11	-33	-48	79	-12	-75	52	37	-5	121	39	99	6	22	-55	-7	-60	-50	46	-67	-31	-27	-25	-90	-101	-91	-17	-86	-99	-3	-55	51	7	6	-35	-35	44	-6	-3	-40				
System Total		10897	10316	10366	10031	10002	9861	9578	9694	9651	9506	9576	9496	9793	10198	10016	10114	10680	11625	12263	12848	13059	13428	13801	13815	13626	13396	13325	13577	13703	13903	14004	14074	14070	14160	13725	13368	12828	12635	12768	13495	13631	13519	13287	13114	12799	12749	12436	12007				
SRev ST-Coal		22	141	119	208	299	290	302	305	286	298	296	289	297	282	120	43	19	21	20	9	17	20	25	32	39	22	30	28	18	23	12	31	30	28	28	39	43	36	33	20	26	23	27	21	25							
SRev ST-Oil		-6	-6	-6	-6	-6	-6	53	53	53	53	53	53	53	11	-6	-6	-5	1	0	0	1	3	3	3	4	2	3	2	1	2	4	8	6	6	6	6	5	9	11	6	7	11	16	13	8	9						
SRev CCGT-Gas		494	689	708	940	946	1053	1271	1124	1304	1255	1268	1165	1038	1011	1410	1386	1152	874	975	684	791	552	389	434	603	854	826	698	549	354	270	290	300	263	456	452	845	796	744	335	235	257	440	291	441	249	390	700				
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		731	731	731	731	731	731	731	580	731	580	731	580	625	625	625	625	625	625	625	625	625	625	625	625	625	323	625	625	625	625	625	474	625	625	625	625	625	625	625	388	388	539	625	625	625	625	625	625	625			
Hydro		51	103	67	78	50	24	89	65	220	107	192	95	179	33	88	82	86	98	81	100	95	100	82	79	447	108	102	85	86	72	204	41	41	33	75	60	82	73	32	76	177	124	82	159	143	81	180	122				
S.Reserve Total		1292	1658	1619	1951	2020	2092	2387	2278	2443	2444	2389	2333	2147	2010	2454	2443	2156	1711	1718	1423	1533	1297	1105	1156	1396	1615	1588	1451	1284	1084	978	975	991	937	1195	1173	1586	1528	1445	851	847	959	1174	1112	1248	995	1224	1481				