

Availability At Daily Maximum Demand Hour

ST-Coal	1,380	MW
ST-Gas	0	MW
ST-Oil	0	MW
Gas	4,191	MW
Hydro	1,789	MW
Distillate	0	MW
Total TNB	7,360	MW
Total IPP	12,452	MW
Total Co-Gen	72	MW
System Total	19,884	MW

Set On Bus, TNB, IPP And MD

At Daily Maximum Demand Hour : 16:30		
TNB Generation	4,849	MW
IPP Generation	10,682	MW
Total Set On Bus	16,602	MW
Maximum Demand	15,663	MW
Spinning Reserve	999	MW
Net Energy	326,035	MWH
Load Factor	86.7	%

Maximum Demand Record

Date :	16/05/2012	15,723.0 MW
Date :	05/06/2012	326,048.0 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	13095	12527	11894	11528	11227	11048	11276	11135	11705	13600	14450	15147	15017	14710	15293	15500	15641	15296	14165	13676	14587	14642	14282	13791

Gas Usage

Station	(mmscfd)
CBPS	5
GLGR	15
PAKA	88
PGPS	50
SRDG	7
TJGS	209
TNB Total	374

Alternate Fuel Usage

Station	(mmscfd)
PKLG	128
Total	128

Generation Mix

Type	MWh	Percentage
ST-Coal	33,120.00	10.16 %
Gas	50,072.00	15.36 %
Hydro	13,543.00	4.15 %
Total TNB	96,735.0	29.67 %
ST-Coal	114,678.0	35.17 %
ST-Oil	12,620.0	3.87 %
Gas	99,857.0	30.63 %
Total IPP	227,155.0	69.67 %
Co-Gen	1,894.0	0.58 %
Total Co-Gen	1,894.0	0.58 %
Total Generation	325,784.0	99.92 %
PLTG	451.0	0.14 %
HVDC	-702.0	-0.22 %
Interconnection	-251.0	-0.08 %
Net Energy	326,035.0	100.00 %

Average SR During Peak Hour

Type	MW
GT	300
Hydro	164
Syncon	457
Thermal	35
Total	956

KLPP	104
MPSS	56
PGLA	90
PLPS	101
SGB3	84
SGRI	94
SKSP	52
YPGS	59
YPKA	126
IPP Total	766
Total Gas	1,140

Total Gas Required : 1,268
Gas Calorific Value : 38.500

Weather Temperature

Weather	Temperature
Morning	Sunny 28
Afternoon	Hot 37

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	24	26	26	25	26	25	26	24	25	24	25	28	26	24	25	25	23	23	21	22	22	22	22	20	22	22	23	22	23	23	23	23	26	26	26	25	25	23	22	28	27	28	28							
Total Co-Gen		74	75	76	74	75	74	74	75	75	76	74	76	73	74	78	77	74	75	75	73	72	69	71	71	70	70	69	70	70	71	71	72	70	72	72	72	71	75	75	75	74	74	72	70	77	76	77	78		
Total Gen		13063	12738	12408	12255	11929	11825	11574	11373	11253	11125	11043	11111	11308	11443	11173	11263	11844	12742	13632	14169	14429	14915	15136	15220	15055	14946	14759	15057	15262	15615	15561	15537	15571	15603	15330	14734	14192	13758	13630	14194	14614	14665	14595	14459	14225	14102	13819	13415		
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	
TIE-HVDC		-29	-29	-29	-29	-29	-29	-29	-29	-29	-30	-30	-29	-29	-29	-29	-29	-29	-29	-29	-29	-30	-29	-29	-30	-30	-29	-29	-30	-30	-30	-30	-29	-29	-30	-30	-30	-29	-29	-29	-29	-28	-28	-30	-30	-29	-29				
TIE-PLTG		-3	4	-90	-30	64	-31	75	12	55	44	25	54	61	-74	67	42	168	57	61	105	8	49	18	-18	68	71	78	41	-1	59	91	-9	-41	-31	64	33	57	20	-17	2	56	-3	-19	13	-27	-40	57	-72		
Interconnection		-32	-25	-119	-59	35	-60	46	-17	26	15	-5	24	32	-103	38	13	139	28	32	76	-21	19	-11	-47	38	41	49	12	-31	29	61	-39	-70	-60	34	3	27	-10	-46	-27	27	-32	-47	-15	-57	-70	28	-101		
System Total		13095	12763	12527	12314	11894	11885	11528	11390	11227	11110	11048	11087	11276	11546	11135	11250	11705	12714	13600	14093	14450	14896	15147	15267	15017	14905	14710	15045	15293	15586	15500	15576	15641	15663	15296	14731	14165	13768	13676	14221	14587	14697	14642	14474	14282	14172	13791	13516		
SRev ST-Coal		5	2	224	216	174	81	62	41	38	38	44	84	73	8	144	22	-8	-34	22	39	46	22	54	50	20	-35	28	33	35	33	32	43	41	34	38	25	35	28	24	37	35	31	43	55	28	47	47	42		
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 ST-Oil		10	10	21	21	11	9	9	9	9	57	57	57	57	57	57	57	40	11	11	3	3	3	3	4	4	3	3	3	3	3	3	3	3	3	3	3	3	3	4	4	4	4	3	3	3	3	3	3	3	3
SRev CCGT-Gas		415	286	513	479	768	1107	1299	1475	1645	1711	1706	1711	1699	1678	1704	1665	1215	1250	1016	351	341	373	237	173	202	193	414	211	193	223	237	195	204	218	253	525	714	1020	1156	631	320	288	294	284	334	420	497	577		
SRev OCGT-Gas		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	50	50	49	49	49	50	50	50	50	51	50	50	75	73	31	83	31	77	6	6	6	6	6	5	5	4	28	51	51	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	625	625	625	625	625	625	474	575	575	575	575	575	575	575	575	474	474	474	474	474	474	474	474	474	625	625	474	625	474	474	625	474	474	625	625	625	625	625	625	625	625	625	625	625	474	625	625	625	
Hydro		148	136	91	106	149	93	211	261	215	192	188	189	189	157	139	88	147	287	199	226	110	193	233	175	251	189	171	236	251	247	292	168	224	239	240	93	125	103	100	123	66	52	103	106	229	95	103	103		
S.Reserve Total		1203	1059	1474	1447	1727	1915	2206	2411	2381	2573	2570	2616	2593	2475	2619	2407	1969	1988	1772	1143	1023	1114	1050	926	1001	1025	1292	1007	1157	1055	1111	1065	1029	999	1236	1277	1508	1786	1915	1426	1055	1004	1072	1101	1119	1241	1275	1350		