

Availability At Daily Maximum Demand Hour

ST-Coal	1,980	MW
ST-Gas	150	MW
ST-Oil	0	MW
Gas	4,163	MW
Hydro	1,662	MW
Distillate	60	MW
Total TNB	8,015	MW
Total IPP	9,997	MW
Total Co-Gen	76	MW
System Total	18,638	MW

Set On Bus, TNB, IPP And MD

At Daily Maximum Demand Hour : 14:30		
TNB Generation	6,026	MW
IPP Generation	8,112	MW
Total Set On Bus	15,043	MW
Maximum Demand	14,270	MW
Spinning Reserve	829	MW
Net Energy	298,344	MWH
Load Factor	87.1	%

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	11536	11074	10708	10437	10285	10132	10194	10594	11110	12570	13410	13880	13953	13494	13801	14217	14202	13952	13053	12815	13589	13389	12770	12386

Gas Usage

Station	(mmscfd)
CBPS	57
GLGR	57
PAKA	88
PGPS	49
SRDG	13
TJGS	215
TNB Total	478
KLPP	102
MPSS	54
PGLA	105
PLPS	107
SGRI	142
YPGS	1
YPKA	102
IPP Total	613
Total Gas	1,091
Total Gas Required :	1,091
Gas Calorific Value :	38.500

Generation Mix

Type	MWh	Percentage
ST-Coal	46,867.00	15.71 %
Gas	62,428.00	20.92 %
Hydro	17,261.00	5.79 %
Total TNB	126,556.0	42.42 %
ST-Coal	90,751.0	30.42 %
Gas	79,539.0	26.66 %
Total IPP	170,290.0	57.08 %
Co-Gen	2,104.0	0.71 %
Total Co-Gen	2,104.0	0.71 %
Total Generation	298,950.0	100.20 %
PLTG	-298.0	-0.10 %
HVDC	904.0	0.30 %
Interconnection	606.0	0.20 %
Net Energy	298,344.0	100.00 %

Average SR During Peak Hour

Type	MW
GT	342
Hydro	244
Syncon	327
Thermal	47
Total	960

Weather Temperature

	Weather	Temperature
Morning	Sunny	28
Afternoon	Hot	31

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	30	32	30	30	30	30	31	30	32	30	29	30	32	30	31	31	30	31	31	30	31	30	30	29	28	28	27	27	29	28	28	28	29	28	29	30	28	30	29	30	29	30								
Total Co-Gen		82	86	81	84	82	84	83	82	83	83	81	83	83	85	82	83	83	80	83	82	81	80	79	80	78	75	77	77	76	78	79	79	82	80	79	79	80	78	81	84	80	82	81	84	83	82	82			
Total Gen		11585	11280	11084	10822	10753	10537	10484	10344	10272	10104	10193	10114	10277	10374	10623	10861	11104	12036	12492	13042	13358	13616	13928	13972	13966	13645	13590	13732	13886	14214	14209	14172	14199	14167	13943	13433	13072	12722	12927	13379	13728	13602	13424	13308	12797	12549	12345	12144		
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	29	29	29	29	29	31	29	30	30	31	31	29	29	30	30	31	31	31	31	31	31	31	31	30	30	29	29	29	31	31	30	30	30	30	31	31	31	31	122	122	121	121	29	29	30	30			
TIE-PLTG		19	-124	-19	-1	16	-127	16	18	-43	-33	30	15	54	54	-1	112	-37	-10	-109	7	-83	-18	17	17	-17	54	67	-35	56	-85	-39	-21	-33	-26	-39	47	-12	49	81	53	17	-42	-86	33	-2	-85	-71	45		
Interconnection		49	-95	10	28	45	-98	47	47	-13	-3	61	46	83	83	29	142	-6	21	-78	38	-52	13	48	48	13	84	96	-6	85	-56	-8	10	-3	4	-9	77	19	80	112	84	139	80	35	154	27	-56	-41	75		
System Total		11536	11375	11074	10794	10708	10635	10437	10297	10285	10107	10132	10068	10194	10291	10594	10719	11110	12015	12570	13004	13410	13603	13880	13924	13953	13561	13494	13738	13801	14270	14217	14162	14202	14163	13952	13356	13053	12642	12815	13295	13589	13522	13389	13154	12770	12605	12386	12069		
SRev ST-Coal		64	45	73	172	203	282	359	420	487	552	552	552	552	548	235	69	74	63	57	52	50	51	50	49	52	48	50	50	47	50	49	45	84	46	99	98	103	106	100	98	58	50	49	44	61	107	74			
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 CCGT-Gas		1504	1650	1744	1765	1814	1938	1993	2001	1986	1986	1995	2027	2009	1942	1875	2058	1790	1022	578	418	476	347	170	183	154	351	535	428	193	152	165	184	186	179	206	592	986	1266	948	602	353	430	730	747	735	906	966	1091		
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	736	585	625	625	736	585	585	736	736	585	585	474	323	323	323	585	323	474	474	474	474	323	323	474	625	625	625	625	323	323	323	323	323	323	323	323	323	323	323	323	323	323	323	323	172	625	625	474	625
Hydro		229	45	115	109	43	35	107	175	43	42	99	117	167	218	141	230	65	158	113	202	122	134	315	354	302	318	206	173	254	226	290	356	353	417	373	411	246	263	400	259	259	354	242	492	203	52	248	200		
S.Reserve Total		2422	2476	2517	2671	2685	2991	3044	3181	3252	3316	3231	3281	3202	3035	2887	2846	2509	1577	1228	1151	1124	1005	859	1054	1061	1425	1497	1357	1203	829	946	1029	1027	930	1064	1425	1653	1955	1777	1284	1033	1165	1345	1460	1607	1644	1795	1990		