

Availability At Daily Maximum Demand Hour

ST-Coal	1,200	MW
ST-Gas	0	MW
ST-Oil	155	MW
Gas	4,137	MW
Hydro	1,360	MW
Distillate	60	MW
Total TNB	6,912	MW
Total IPP	11,137	MW
Total Co-Gen	52	MW
System Total	18,101	MW

Set On Bus, TNB, IPP And MD

At Daily Maximum Demand Hour : 20:30		
TNB Generation	3,872	MW
IPP Generation	7,971	MW
Total Set On Bus	13,047	MW
Maximum Demand	11,948	MW
Spinning Reserve	1,152	MW
Net Energy	257,570	MWH
Load Factor	89.8	%

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	11789	11403	10846	10478	10189	10053	10051	9664	9217	9735	10269	10788	10963	10898	10933	11071	10930	10829	10766	11250	11928	11765	11559	11519

Gas Usage

Station	(mmscfd)
GLGR	53
PAKA	79
PGPS	47
SRDG	2
TJGS	108
TNB Total	289
KLPP	92
MPSS	33
PGLA	77
PLPS	7
SGB3	32
SGRI	31
SKSP	44
YPGS	34
YPKA	141
IPP Total	490
Total Gas	779
Total Gas Required :	946
Gas Calorific Value :	38,500

Alternate Fuel Usage

Station	(mmscfd)
PGPS	34
PKLG	133
Total	167

Generation Mix

Type	MWh	Percentage
ST-Coal	27,289.00	10.59 %
ST-Oil	3,215.00	1.25 %
Gas	38,234.00	14.84 %
Hydro	11,082.00	4.30 %
Total TNB	79,820.0	30.99 %
ST-Coal	98,396.0	38.20 %
ST-Oil	13,061.0	5.07 %
Gas	65,917.0	25.59 %
Total IPP	177,374.0	68.86 %
Co-Gen	1,340.0	0.52 %
Total Co-Gen	1,340.0	0.52 %
Total Generation	258,534.0	100.37 %
PLTG	244.0	0.09 %
HVDC	720.0	0.28 %
Interconnection	964.0	0.37 %
Net Energy	257,570.0	100.00 %

Average SR During Peak Hour

Type	MW
GT	556
Hydro	141
Syncon	388
Thermal	40
Total	1125

	Weather	Temperature
Morning	Sunny	26
Afternoon	Hot	34

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																											
TIE-PLTG		-27	61	6	-43	-5	-19	39	88	-2	5	38	99	-27	25	4	34	75	1	-46	-19	10	39	6	3	47	76	15	59	19	72	31	88	33	5	96	-3	-65	-25	-84	-8	60	-83	83	46	-68	98	11	-76			
Interconnection		3	90	35	-13	25	11	69	118	28	35	68	129	3	54	33	64	105	32	-15	10	39	69	36	33	77	107	46	90	50	103	62	118	63	35	126	28	-34	6	-55	23	89	-53	113	75	-39	129	40	-47			
System Total		11789	11404	11403	11220	10846	10663	10478	10347	10189	10145	10053	9930	10051	9973	9664	9308	9217	9388	9735	9933	10269	10632	10788	10898	10963	10841	10898	10910	10933	11031	11071	10958	10930	10967	10829	10813	10766	10849	11250	11886	11928	11948	11765	11741	11559	11556	11519	11379			
SRev ST-Coal		17	36	8	23	35	28	26	128	197	200	198	203	266	269	284	290	289	330	330	326	330	138	133	29	33	42	39	39	32	35	42	30	41	39	33	143	146	142	141	23	59	35	40	80	40	50	43	32			
SRev ST-Oil		-4	-2	0	5	23	22	3	-2	-2	-2	-2	-3	-3	-4	-4	-4	-5	-5	-4	-4	-4	-4	-4	-4	-4	-4	6	18	16	16	16	13	-5	-5	-6	-6	53	53	53	11	-4	-4	-4	-4	-3	-3	-3	-4			
SRev CCGT-Gas		127	431	302	427	703	949	1065	1065	1229	932	949	958	917	915	946	957	957	911	606	496	230	503	365	611	665	706	688	929	958	890	972	1037	1112	1093	1139	996	1078	973	804	250	269	359	374	363	624	524	433	363			
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	
SRev Distillate		490	269	212	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	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
Syncon		172	172	323	323	474	474	474	474	474	474	474	474	474	474	580	580	580	580	580	580	429	474	580	474	323	474	474	474	474	580	580	580	429	580	580	580	580	580	580	580	580	580	474	474	474	323	580	580	580	429	
Hydro		356	431	299	366	244	203	239	220	236	198	209	258	137	165	91	88	135	63	65	71	196	154	69	148	240	119	133	121	116	173	88	111	257	121	128	121	143	127	100	72	211	252	245	375	157	75	74	209			
S.Reserve Total		1308	1487	1294	1294	1629	1826	1957	2035	2284	1952	1978	2041	1941	1970	2047	2061	1956	1879	1576	1469	1181	1265	1143	1258	1257	1347	1352	1579	1596	1694	1695	1753	1834	1827	1874	1893	2000	1875	1636	921	1047	1152	1168	1230	1398	1226	1127	1029			