

Availability At Daily Maximum Demand Hour

ST-Coal	1,890	MW
ST-Gas	150	MW
ST-Oil	0	MW
Gas	4,161	MW
Hydro	1,696	MW
Distillate	60	MW
Total TNB	7,957	MW
Total IPP	11,187	MW
Total Co-Gen	84	MW
System Total	19,778	MW

Set On Bus, TNB, IPP And MD

At Daily Maximum Demand Hour : 15:00		
TNB Generation	5,786	MW
IPP Generation	8,958	MW
Total Set On Bus	15,680	MW
Maximum Demand	14,847	MW
Spinning Reserve	852	MW
Net Energy	302,057	MWH
Load Factor	84.8	%

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	10824	10477	10133	10022	9911	9842	10400	10861	12603	13677	14282	14317	13981	14546	14847	14736	14469	13476	13183	13998	13827	13219	12772

Gas Usage

Station	(mmscfd)
CBPS	5
GLGR	55
PAKA	113
PGPS	53
SRDG	17
TJGS	157
TNB Total	399
KLPP	92
MPSS	45
PGLA	53
PLPS	112
SGB3	78
SGRI	45
SKSP	46
YPGS	56
YPKA	125
IPP Total	652
Total Gas	1,051

Total Gas Required : 1,051
Gas Calorific Value : 38.500

Generation Mix

Type	MWh	Percentage
ST-Coal	44,533.00	14.74 %
Gas	52,206.00	17.28 %
Hydro	14,334.00	4.75 %
Total TNB	111,073.0	36.77 %
ST-Coal	102,396.0	33.90 %
Gas	86,971.0	28.79 %
Total IPP	189,367.0	62.69 %
Co-Gen	2,234.0	0.74 %
Total Co-Gen	2,234.0	0.74 %
Total Generation	302,674.0	100.20 %
PLTG	-23.0	-0.01 %
HVDC	640.0	0.21 %
Interconnection	617.0	0.20 %
Net Energy	302,057.0	100.00 %

Average SR During Peak Hour

Type	MW
GT	335
Hydro	167
Syncon	385
Thermal	28
Total	915

Weather Temperature

	Weather	Temperature
Morning	Sunny	27
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	33	34	34	34	36	36	36	35	37	34	35	35	37	37	36	36	36	33	32	31	30	31	32	30	29	29	29	31	32	30	32	30	30	33	32	34	37	37	34	34	34	38	39	40	41	38						
Total Co-Gen		84	88	87	85	85	89	88	87	86	87	89	87	86	87	88	89	90	89	87	87	82	83	82	83	83	82	80	81	80	82	84	82	84	83	80	84	84	87	87	89	86	87	85	90	90	93	91	89				
Total Gen		11318	11005	10803	10605	10531	10417	10340	10293	10003	10000	9970	9768	9758	10158	10391	10256	10819	11494	12608	13214	13612	14065	14301	14528	14427	14270	14061	14218	14587	14740	14828	14787	14757	14760	14563	13964	13568	13177	13154	13762	14022	14087	13813	13637	13339	13118	12791	12540				
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		-29	-29	-29	31	29	29	30	30	30	30	31	31	31	30	30	29	29	30	30	30	32	30	30	31	31	30	30	31	31	31	31	31	30	30	31	31	30	30	31	31	30	30	31	31	30	31	30	31				
TIE-PLTG		63	45	8	28	25	-15	177	-29	-49	-50	28	-83	-115	-58	-39	-73	-71	-29	-25	10	-95	-33	-11	42	79	103	50	-45	10	5	-50	-18	-10	34	64	57	61	-6	-59	-8	-7	-16	-44	59	89	3	-11	-8				
Interconnection		34	16	-21	59	54	14	207	1	-19	-20	59	-52	-84	-27	-9	-43	-42	0	5	40	-65	-1	19	72	110	134	80	-15	41	36	-19	13	21	65	94	87	92	25	-29	22	24	15	-14	89	120	34	19	23				
System Total		11284	10989	10824	10546	10477	10403	10133	10292	10022	10020	9911	9820	9842	10185	10400	10299	10861	11494	12603	13174	13677	14066	14282	14456	14317	14136	13981	14233	14546	14704	14847	14774	14736	14695	14469	13877	13476	13152	13183	13740	13998	14072	13827	13548	13219	13084	12772	12517				
SRev ST-Coal		41	49	206	200	286	282	283	334	382	387	387	581	570	579	516	514	307	265	31	40	35	39	33	34	42	41	40	42	40	37	28	36	30	31	34	38	47	35	33	44	-22	31	43	34	29	37	24	34				
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 CCGT-Gas		480	658	672	722	712	801	935	954	1339	1337	1492	1179	1233	1091	1143	1278	951	936	887	963	596	467	315	242	326	230	225	160	189	203	279	242	344	272	259	314	337	660	620	202	148	163	273	333	398	349	437	595				
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		625	736	736	736	736	736	726	726	726	726	726	575	726	726	726	726	625	625	474	474	323	323	323	323	474	625	474	323	323	323	323	323	323	323	323	474	625	625	625	625	625	625	625	736	736	111	499	499				
Hydro		114	134	120	101	106	119	150	126	134	135	152	77	198	81	80	93	75	117	109	94	74	278	284	200	210	181	243	301	222	245	204	216	194	193	289	173	139	218	282	86	203	261	116	113	146	251	237	173				
S.Reserve Total		1260	1577	1734	1759	1840	1938	2104	2250	2691	2695	2867	2673	2686	2587	2575	2721	2169	1943	1652	1571	1179	1107	955	839	942	966	1173	1017	814	923	852	877	948	873	955	1011	1148	1542	1564	961	958	1084	1061	1220	1309	748	1197	1301				