

Availability At Daily Maximum Demand Hour

ST-Coal	1,980 MW
ST-Gas	150 MW
ST-Oil	0 MW
Gas	4,308 MW
Hydro	1,612 MW
Distillate	60 MW
Total TNB	8,110 MW
Total IPP	10,822 MW
Total Co-Gen	74 MW
System Total	19,556 MW

Set On Bus, TNB, IPP And MD

At Daily Maximum Demand Hour : 16:30		
TNB Generation	5,965 MW	
IPP Generation	8,556 MW	
Total Set On Bus	15,588 MW	
Maximum Demand	14,585 MW	
Spinning Reserve	993 MW	
Net Energy	302,086 MWH	
Load Factor	86.3 %	

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	11616	11256	10959	10441	10239	10298	10275	10765	11169	12791	13523	14177	14263	13829	14225	14541	14501	14155	13111	12945	13725	13455	12745	12413

Gas Usage

Station	(mmscfd)
CBPS	57
GLGR	63
PAKA	116
PGPS	49
SRDG	13
TJGS	220
TNB Total	518
KLPP	97
MPSS	53
PGLA	90
PLPS	117
SGB3	19
SGRI	109
YPGS	21
YPKA	127
IPP Total	633
Total Gas	1,151

Total Gas Required : 1,151
Gas Calorific Value : 38,500

Generation Mix

Type	MWh	Percentage
ST-Coal	42,142.00	13.95 %
Gas	68,271.00	22.60 %
Hydro	16,121.00	5.34 %
Total TNB	126,534.0	41.89 %
ST-Coal	92,629.0	30.66 %
Gas	81,688.0	27.04 %
Total IPP	174,317.0	57.70 %
Co-Gen	2,070.0	0.69 %
Total Co-Gen	2,070.0	0.69 %
Total Generation	302,921.0	100.28 %
PLTG	-136.0	-0.05 %
HVDC	971.0	0.32 %
Interconnection	835.0	0.28 %
Net Energy	302,086.0	100.00 %

Average SR During Peak Hour

Type	MW
GT	299
Hydro	280
Syncon	267
Thermal	54
Total	901

Weather Temperature

Weather	Temperature
Morning	Sunny 26
Afternoon	Cloudy 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 Co-Gen		84	82	82	83	81	82	83	84	80	83	84	82	82	82	86	85	84	83	81	79	75	78	77	75	77	77	76	74	77	78	78	78	78	79	78	79	78	77	77	77	78	79										
Total Gen		11684	11251	11203	10885	10935	10719	10450	10425	10297	10261	10259	10210	10315	10555	10744	10785	11144	12201	12773	13054	13511	13754	14178	14277	14349	13894	13898	13933	14258	14545	14579	14616	14588	14595	14296	13798	13250	12985	12993	13398	13821	13736	13552	13497	12893	12676	12465	12102				
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					
TIE-HVDC		30	30	31	31	30	30	30	29	29	30	30	30	30	29	29	29	29	29	30	30	30	30	31	31	31	31	31	31	30	30	30	30	30	30	30	30	30	30	30	30	132	130	130	130	131	29	30	29				
TIE-PLTG		38	-35	-84	18	-54	51	-21	-13	29	18	-69	42	10	-94	-50	-50	-54	83	-48	-59	-42	-16	-29	57	55	39	38	-23	2	-15	8	38	57	-20	111	94	109	-19	18	-49	-36	14	-33	-10	17	-55	22	-123				
Interconnection		68	-5	-53	49	-24	81	9	17	58	47	-39	72	40	-64	-21	-21	-25	112	-18	-29	-12	14	1	87	86	70	69	8	33	16	38	68	87	10	141	124	139	11	48	-19	96	144	97	120	148	-26	52	-94				
System Total		11616	11256	11256	10836	10959	10638	10441	10408	10239	10214	10298	10138	10275	10619	10765	10806	11169	12089	12791	13083	13523	13740	14177	14190	14263	13824	13829	13925	14225	14529	14541	14548	14501	14585	14155	13674	13111	12974	12945	13417	13725	13592	13455	13377	12745	12702	12413	12196				
SRev ST-Coal		96	89	75	63	44	54	56	48	158	227	228	230	228	204	182	66	24	90	123	139	61	83	85	45	55	27	64	45	61	53	31	49	32	38	71	88	46	44	44	34	36	28	41	122	-17	362	350					
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		1416	1495	1619	1178	1082	1218	1504	1522	1521	1515	1510	1654	1584	1504	1413	1426	1405	573	286	231	410	504	391	199	212	485	503	493	206	219	292	293	269	241	290	773	436	705	782	342	223	227	303	421	640	1028	1162	1374				
SRev OCGT-Gas		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	41	81	82	82	81	80	83	80	108	84	123	42	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		736	474	474	585	585	585	736	736	736	736	736	474	625	625	625	625	625	625	323	323	172	172	86	172	172	172	474	474	625	474	323	172	172	172	172	625	323	474	474	474	474	237	237	625	625	625	625	474	625			
Hydro		207	221	36	257	210	281	112	128	143	114	117	321	134	86	132	99	149	244	192	293	249	258	245	406	366	319	322	193	321	232	393	401	459	506	233	59	336	374	291	436	408	508	228	181	278	193	290	146				
S.Reserve Total		2455	2279	2204	2083	1921	2138	2408	2434	2558	2592	2591	2679	2571	2443	2374	2332	2245	1466	891	970	970	995	846	943	877	1415	1407	1455	1129	915	1018	981	1072	993	1186	1226	1334	1599	1591	1296	902	1008	1184	1268	1665	1829	2288	2495				