

Availability At Daily Maximum Demand Hour

ST-Coal	1,800 MW
ST-Gas	0 MW
ST-Oil	143 MW
Gas	3,887 MW
Hydro	1,614 MW
Distillate	60 MW
Total TNB	7,504 MW
Total IPP	11,017 MW
Total Co-Gen	53 MW
System Total	18,574 MW

Set On Bus, TNB, IPP And MD

At Daily Maximum Demand Hour : 19:30		
TNB Generation	4,384	MW
IPP Generation	8,527	MW
Total Set On Bus	13,999	MW
Maximum Demand	12,953	MW
Spinning Reserve	1,035	MW
Net Energy	281,222	MWH
Load Factor	90.5	%

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	12243	11530	11250	10876	10438	10314	10289	10197	10160	11410	12260	12926	12859	12397	12644	12636	12520	12097	11662	12044	12830	12825	12553	12107

Gas Usage

Station	(mmscfd)
GLGR	54
PAKA	52
PGPS	24
TJGS	121
TNB Total	251
KLPP	63
MPSS	43
PLPS	84
SGB3	66
SGRI	28
SKSP	45
YPGS	34
YPKA	140
IPP Total	504
Total Gas	755

Total Gas Required : 919
Gas Calorific Value : 38,500

Alternate Fuel Usage

Station	(mmscfd)
PGPS	30
PKLG	126
TJGS	9
Total	164

Generation Mix

Type	MWh	Percentage
ST-Coal	41,867.00	14.89 %
ST-Oil	2,768.00	0.98 %
Gas	33,961.00	12.08 %
Hydro	12,558.00	4.47 %
Distillate	1,140.00	0.41 %
Total TNB	92,294.0	32.82 %
ST-Coal	108,792.0	38.69 %
ST-Oil	12,385.0	4.40 %
Gas	67,310.0	23.93 %
Total IPP	188,487.0	67.02 %
Co-Gen	1,412.0	0.50 %
Total Co-Gen	1,412.0	0.50 %
Total Generation	282,193.0	100.35 %
PLTG	250.0	0.09 %
HVDC	721.0	0.26 %
Interconnection	971.0	0.35 %
Net Energy	281,222.0	100.00 %

Average SR During Peak Hour

Type	MW
GT	298
Hydro	187
Syncon	353
Thermal	50
Total	887

Weather Temperature

	Weather	Temperature
Morning	Sunny	27
Afternoon	Hot	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
TJGS	GT2A	227	227	227	122	122	63	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TJGS	GT2B	223	223	223	63	40	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TJGS	ST2C	246	246	245	173	93	189	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total Distillate		696	696	695	358	255	252	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
PCUF	CUFG	25	23	21	21	22	22	23	21	22	22	23	21	22	23	23	22	22	23	23	22	22	22	22	22
PCUF	CUFK	30	29	32	31	33	32	31	32	33	33	34	33	32	33	32	33	32	35	34	32	34	33	30	30
Total Co-Gen		55	52	53	52	55	54	53	55	54	55	56	55	55	55	54	57	57	55	56	55	52	54	51	49
Total Gen		12232	11899	11595	11372	11268	11024	10876	10575	10491	10498	10391	10449	10340	10413	10291	10267	10259	10693	11467	11711	12300	12497	12956	13019
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
TIE-HVDC		30	30	30	30	29	29	30	30	30	30	29	29	30	30	30	30	30	30	30	30	31	31	31	31
TIE-PLTG		-41	29	35	25	-11	52	-30	-9	23	45	47	-74	22	15	64	74	69	-56	28	38	10	16	0	38
Interconnection		-11	59	65	55	18	81	0	21	53	75	77	-44	51	44	94	104	99	-26	57	67	40	46	30	68
System Total		12243	11840	11530	11317	11250	10943	10876	10554	10438	10423	10314	10493	10289	10369	10197	10163	10160	10719	11410	11644	12260	12451	12926	12951
SRev ST-Coal		29	27	24	19	32	37	152	172	167	200	261	262	262	265	286	330	333	157	29	32	21	34	29	30
SRev ST-Oil		2	1	0	-1	1	5	14	12	47	25	23	22	22	22	23	21	65	28	26	25	25	26	27	5
SRev CCGT-Gas		530	792	759	759	766	927	796	789	810	813	803	782	806	786	816	783	905	846	771	703	478	218	285	313
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
SRev Distillate		4	4	5	342	325	98	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
Syncon		539	453	453	453	453	302	453	453	302	559	559	559	559	559	560	495	646	539	539	539	539	302	151	302
Hydro		174	117	266	157	139	304	257	221	226	411	163	70	187	134	205	173	268	138	57	145	141	82	152	307
S.Reserve Total		1278	1479	1507	1729	1716	1824	1521	1647	1703	1751	1809	1695	1836	1766	1888	1869	2022	1852	1424	1445	1204	898	794	913