

Availability At Daily Maximum Demand Hour

ST-Coal	1,380 MW
ST-Gas	0 MW
ST-Oil	150 MW
Gas	4,521 MW
Hydro	1,779 MW
Distillate	0 MW
Total TNB	7,830 MW
Total IPP	11,787 MW
Total Co-Gen	57 MW
System Total	19,674 MW

Set On Bus, TNB, IPP And MD

At Daily Maximum Demand Hour : 14:30	
TNB Generation	4,854 MW
IPP Generation	10,009 MW
Total Set On Bus	15,900 MW
Maximum Demand	14,907 MW
Spinning Reserve	980 MW
Net Energy	307,276 MWH
Load Factor	85.9 %

Maximum Demand Record

Date :	20/06/2012	15,826.0 MW
Date :	20/06/2012	328,716.0 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	11961	11330	10876	10576	10383	10371	10596	10762	11201	12895	13703	14473	14479	14029	14682	14790	14824	14502	13499	13169	14021	13815	13399	13134

Gas Usage

Station	(mmscfd)
CBPS	58
GLGR	57
PAKA	45
PGPS	41
SRDG	5
TJGS	210
TNB Total	416
KLPP	104
MPSS	54
PGLA	94
PKLG	0
PLPS	98
SGB3	83
SGRI	102
SKSP	54
YPKA	69
IPP Total	658
Total Gas	1,074

Alternate Fuel Usage

Station	(mmscfd)
PGPS	8
PKLG	83
Total	91

Generation Mix

Type	MWh	Percentage
ST-Coal	32,930.00	10.72 %
ST-Oil	767.00	0.25 %
Gas	55,313.00	18.00 %
Hydro	8,249.00	2.68 %
Total TNB	97,259.0	31.65 %
ST-Coal	116,290.0	37.85 %
ST-Oil	7,989.0	2.60 %
Gas	84,930.0	27.64 %
Total IPP	209,209.0	68.09 %
Co-Gen	1,429.0	0.47 %
Total Co-Gen	1,429.0	0.47 %
Total Generation	307,897.0	100.20 %
PLTG	-103.0	-0.03 %
HVDC	724.0	0.24 %
Interconnection	621.0	0.20 %
Net Energy	307,276.0	100.00 %

Average SR During Peak Hour

Type	MW
GT	263
Hydro	153
Syncon	482
Thermal	73
Total	971

Weather Temperature

Weather	Temperature
Morning	Sunny 28
Afternoon	Hot 32

Daily MW Generation On Wednesday

18-Jul-2012

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		23	15	-9	-31	-16	78	-90	-59	-40	122	-27	-43	-79	-56	-96	23	13	111	-22	11	30	52	4	42	-14	-12	-23	-94	-9	-17	10	-24	-22	41	7	35	75	43	19	-90	11	-28	9	-7	-3	-113	-40	29	
Interconnection		54	45	21	0	15	109	-59	-29	-10	152	3	-13	-50	-26	-66	53	42	141	8	41	60	82	34	72	16	19	8	-64	21	13	40	6	8	72	38	65	105	73	49	-59	42	2	39	24	28	-84	-11	59	
System Total		11961	11609	11330	11205	10876	10664	10576	10661	10383	10406	10371	10401	10596	10921	10762	10651	11201	12163	12895	13342	13703	14097	14473	14631	14479	14114	14029	14370	14682	14907	14790	14835	14824	14683	14502	13936	13499	13115	13169	13850	14021	13996	13815	13640	13399	13455	13134	12753	
SRev ST-Coal		41	74	32	44	29	48	88	124	222	205	399	368	242	153	151	155	59	54	57	44	55	59	70	70	59	56	46	50	68	54	54	43	55	64	67	62	53	68	61	41	57	55	73	58	65	54	59	53	
SRev ST-Oil		56	56	56	56	56	64	45	19	59	61	59	59	60	60	61	61	60	60	60	60	60	60	60	1	1	2	15	60	45	3	3	3	3	3	5	65	30	56	56	28	28	28	28	28	28	28	28	28	28
SRev CCGT-Gas		738	767	908	1041	1349	1489	1702	1622	1759	1602	1755	1772	1737	1487	1680	1660	1358	738	650	708	331	266	280	201	327	286	214	137	154	140	251	214	223	269	214	425	439	736	646	272	123	168	279	273	251	227	406	385	
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 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
Syncon		726	726	726	726	726	575	726	575	726	640	640	640	640	640	640	640	640	640	640	640	640	640	640	640	640	640	640	640	640	640	640	640	640	640	640	640	640	640	640	640	640	640	640	640	640	640	640	640	
Hydro		88	96	72	63	83	206	78	184	67	139	120	123	131	121	128	138	137	158	82	87	89	47	51	184	125	141	113	69	81	163	60	100	85	88	83	153	123	246	106	177	40	69	79	249	77	26	91	79	
S.Reserve Total		1734	1804	1879	2015	2328	2467	2724	2609	2918	2732	3058	3047	2895	2546	2745	2739	2339	1735	1574	1624	1260	1056	941	929	1137	1273	1258	1025	930	980	1069	1059	1068	1143	1053	1277	1396	1680	1566	1092	973	1045	1184	1182	1146	1060	1309	1270	