

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	11,582	MW
Total Co-Gen	47	MW
System Total	19,739	MW

Set On Bus, TNB, IPP And MD

At Daily Maximum Demand Hour : 14:30	
TNB Generation	5,176 MW
IPP Generation	9,321 MW
Total Set On Bus	15,368 MW
Maximum Demand	14,616 MW
Spinning Reserve	824 MW
Net Energy	304,249 MWH
Load Factor	86.7 %

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	12390	11684	11100	10693	10612	10481	10589	10800	11100	12714	13480	14237	14183	13837	14234	14529	14441	14150	13204	13011	13799	13565	13056	12614

Gas Usage

Station	(mmscfd)
CBPS	50
GLGR	57
PAKA	43
PGPS	50
SRDG	14
TJGS	223
TNB Total	438
KLPP	102
MPSS	54
PGLA	92
PLPS	110
SGB3	86
SGRI	110
SKSP	38
YPKA	72
IPP Total	664
Total Gas	1,101

Total Gas Required : 1,113
Gas Calorific Value : 38,500

Alternate Fuel Usage

Station	(mmscfd)
PKLG	12
Total	12

Generation Mix

Type	MWh	Percentage
ST-Coal	32,952.00	10.83 %
Gas	58,425.00	19.20 %
Hydro	9,291.00	3.05 %
Total TNB	100,668.0	33.09 %
ST-Coal	116,006.0	38.13 %
ST-Oil	1,138.0	0.37 %
Gas	85,649.0	28.15 %
Total IPP	202,793.0	66.65 %
Co-Gen	1,412.0	0.46 %
Total Co-Gen	1,412.0	0.46 %
Total Generation	304,873.0	100.21 %
PLTG	-104.0	-0.03 %
HVDC	728.0	0.24 %
Interconnection	624.0	0.21 %
Net Energy	304,249.0	100.00 %

Average SR During Peak Hour

Type	MW
GT	258
Hydro	144
Syncon	481
Thermal	48
Total	931

Weather Temperature

Weather	Temperature
Morning	Sunny 27
Afternoon	Hot 32

Daily MW Generation On Thursday
19-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-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
TIE-HVDC		30	30	30	30	30	31	31	30	30	29	29	30	30	31	31	30	31	31	31	31	30	30	31	31	31
TIE-PLTG		-82	-8	-30	-49	-56	48	-7	34	-46	10	-23	-88	-45	-9	48	101	59	34	20	41	-61	-14	-6	-35	
Interconnection		-52	22	0	-19	-26	79	24	64	-16	39	6	-58	-15	22	79	131	89	64	50	72	-30	16	24	-4	
System Total		12390	11976	11684	11372	11100	10858	10693	10559	10612	10550	10481	10634	10589	10913	10800	10833	11100	12091	12714	13160	13480	13968	14237	14357	
SRev ST-Coal		67	67	62	63	145	103	199	207	243	246	239	239	243	192	173	64	61	56	55	48	29	34	33	39	
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	
SRev ST-Oil		28	28	28	28	28	28	28	28	28	28	28	28	28	28	28	28	28	28	28	28	28	28	28	28	
SRev CCGT-Gas		671	541	659	968	1167	1341	1317	1393	1313	1311	1384	1310	1311	1217	1180	1292	1139	1006	660	578	476	190	136	90	
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 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		640	726	575	726	726	726	726	726	575	726	726	726	640	640	640	388	539	539	539	539	539	539	539	539	
Hydro		54	59	191	62	59	65	64	73	65	196	75	63	62	61	63	76	68	118	115	126	119	202	54	86	
S.Reserve Total		1545	1421	1515	1847	2125	2263	2334	2427	2375	2356	2452	2366	2370	2073	2170	2186	2022	1848	1498	1420	1264	814	847	839	