

Availability At Daily Maximum Demand Hour

ST-Coal	1,380 MW
ST-Gas	70 MW
ST-Oil	0 MW
Gas	3,680 MW
Hydro	1,706 MW
Distillate	0 MW
Total TNB	6,836 MW
Total IPP	9,698 MW
Total Co-Gen	45 MW
System Total	17,116 MW

Set On Bus, TNB, IPP And MD

At Daily Maximum Demand Hour : 20:00

TNB Generation	4,148 MW
IPP Generation	8,286 MW
Total Set On Bus	13,719 MW
Maximum Demand	12,486 MW
Spinning Reserve	1,240 MW
Net Energy	266,440 MWH
Load Factor	88.9 %

Maximum Demand Record

Date :	13/05/2013	16,562.0MW
Date :	25/06/2013	345,254.0MWH

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	12018	11576	11065	10662	10485	10390	10227	10044	9924	10206	10845	11230	11255	11061	11154	11220	11364	11132	10833	11280	12486	12174	11908	11742

Gas Usage

Station	(mmscfd)
CBPS	43
PAKA	119
PGPS	39
SRDG	9
TJGS	112
TNB Total	322
KLPP	103
MPSS	54
PDPS	1
PGLA	108
PLPS	103
PTEK	2
SGRI	171
SKSP	49
YPGS	52
YPKA	80
IPP Total	722
Total Gas	1,044

Total Gas Required : 1,044
 Gas Calorific Value : 38.500

Generation Mix

Type	MWh	Percentage
ST-Coal	32,664.00	12.26 %
Gas	41,872.00	15.71 %
Hydro	9,814.00	3.68 %
Total TNB	84,350.0	31.65 %
ST-Coal	87,621.0	32.88 %
Gas	94,112.0	35.32 %
Total IPP	181,733.0	68.20 %
Co-Gen	788.0	0.30 %
Total Co-Gen	788.0	0.30 %
Total Generation	266,871.0	100.14 %
PLTG	-349.0	-0.13 %
HVDC	730.0	0.27 %
Interconnection	381.0	0.14 %
Net Energy	266,490.0	100.00 %

Average SR During Peak Hour

Type	MW
GT	423
Hydro	148
Syncon	499
Thermal	95
Total	1165

Weather Temperature

Weather	Temperature
Morning	Sunny 25
Afternoon	Hot 33

Daily MW Generation On Sunday

15-Sep-2013

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																											
Interconnection		-30	-1	25	27	34	11	47	114	91	25	-27	2	80	-95	213	43	-47	-64	-20	58	-85	45	41	-40	79	95	32	-44	57	6	27	32	25	-28	-46	-25	-15	-39	-33	-119	-7	38	68	94	57	64	-35	33			
System Total		12018	11774	11576	11204	11065	10895	10662	10563	10485	10325	10390	10355	10227	10453	10044	9754	9924	10057	10206	10516	10845	10969	11230	11380	11255	11128	11061	11214	11154	11312	11220	11317	11364	11238	11132	10854	10833	10853	11280	12184	12486	12329	12174	12075	11908	11867	11742	11451			
SRev ST-Coal		128	130	131	124	126	181	191	185	185	162	134	148	233	232	231	561	379	345	253	218	231	232	114	115	112	118	120	118	126	122	116	122	123	117	120	121	123	121	115	122	114	117	120	131	122	123	118	113			
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		331	515	678	795	922	998	1186	1227	1323	1635	1645	1634	1602	1571	1652	1848	1771	1558	1506	1142	954	694	485	440	515	629	763	738	736	705	810	696	664	804	817	1010	1032	1013	603	169	233	170	183	168	242	152	292	323			
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 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
Syncon		625	474	474	625	625	625	625	625	625	625	625	625	625	625	625	625	625	625	625	625	625	625	625	625	625	625	625	625	625	625	625	625	625	625	625	625	625	625	625	625	625	625	625	625	625	625	625	625	625	625	
Hydro		78	114	116	78	82	83	80	80	94	82	83	82	85	217	86	221	198	116	74	83	77	84	120	248	120	121	108	158	165	293	170	172	167	171	113	240	170	111	102	69	250	112	114	107	111	109	99	237			
S.Reserve Total		1167	1238	1404	1627	1760	1892	2087	2122	2232	2509	2492	2494	2550	2499	2599	3060	2978	2649	2463	2073	1887	1635	1344	1381	1478	1599	1722	1745	1758	1707	1682	1575	1540	1678	1641	1951	1970	2061	1636	1070	1240	1103	1214	1073	1142	1050	1175	1338			