

Availability At Daily Maximum Demand Hour

ST-Coal	1,380	MW
ST-Gas	70	MW
ST-Oil	0	MW
Gas	3,230	MW
Hydro	1,861	MW
Distillate	0	MW
Total TNB	6,541	MW
Total IPP	10,027	MW
Total Co-Gen	83	MW
System Total	17,215	MW

Set On Bus, TNB, IPP And MD

At Daily Maximum Demand Hour : 20:30		
TNB Generation	5,032	MW
IPP Generation	7,982	MW
Total Set On Bus	13,939	MW
Maximum Demand	13,216	MW
Spinning Reserve	842	MW
Net Energy	280,029	MWH
Load Factor	88.3	%

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	12340	11788	11387	11096	10832	10710	10552	10500	9944	10421	11047	11706	11611	11683	12054	11977	12054	11791	11617	12272	13099	13176	13020	12646

Gas Usage

Station	(mmscfd)
CBPS	56
GLGR	65
PAKA	148
PGPS	1
SRDG	11
TJGS	112
TNB Total	393
KLPP	118
MPSS	60
PGLA	118
PLPS	76
SGB3	22
SGRI	225
SKSP	35
YPKA	81
IPP Total	734
Total Gas	1,127
Total Gas Required :	1,127
Gas Calorific Value :	38.500

Generation Mix

Type	MWh	Percentage
ST-Coal	35,254.00	12.59 %
Gas	49,948.00	17.84 %
Hydro	14,785.00	5.28 %
Total TNB	99,987.0	35.71 %
ST-Coal	81,262.0	29.02 %
Gas	96,063.0	34.30 %
Total IPP	177,325.0	63.32 %
Co-Gen	2,028.0	0.72 %
Total Co-Gen	2,028.0	0.72 %
Total Generation	279,340.0	99.75 %
PLTG	-208.0	-0.07 %
EGAT	219.0	0.08 %
HVDC	-700.0	-0.25 %
Interconnection	-689.0	-0.25 %
Net Energy	280,029.0	100.00 %

Average SR During Peak Hour

Type	MW
GT	187
Hydro	127
Syncon	385
Thermal	104
Total	803

Weather Temperature

	Weather	Temperature
Morning	Sunny	27
Afternoon	Hot	35

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	-29	-29	-29	-29	-29	-29	-29	-29	-30	-30	-29	-29	-29	-29	-29	-29	-29	-29	-29	-29	-29	-30	-29	
TIE-PLTG		-17	14	35	20	12	49	-47	-86	-1	58	-11	-67	30	46	-28	-146	63	26	-1	23	76	-31	-129	134	
Interconnection		-47	-15	6	-9	-17	20	-76	-115	-30	29	-40	-97	0	17	-57	-175	34	67	40	64	120	15	-80	105	
System Total		12340	12077	11788	11475	11387	11002	11096	10968	10832	10622	10710	10571	10552	10377	10500	10003	9944	10217	10421	10675	11047	11526	11706	11847	
SRev ST-Coal		143	203	206	211	201	214	198	203	209	213	208	314	306	311	302	450	447	391	395	260	155	146	118	143	
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 CCGT-Gas		328	172	364	720	657	937	691	690	691	798	655	484	364	517	467	891	815	567	734	587	313	146	130	117	
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		625	625	625	625	625	625	726	726	726	726	575	726	575	726	726	726	726	575	575	575	474	625	726	726	
Hydro		90	83	92	81	78	94	159	83	125	129	117	243	124	262	128	116	126	123	124	126	248	131	189	237	
S.Reserve Total		1186	1083	1287	1637	1561	1870	1673	1702	1751	1866	1706	1616	1520	1665	1623	2183	2114	1807	1979	1699	1271	998	1012	971	