

Availability At Daily Maximum Demand Hour

ST-Coal	1,380 MW
ST-Gas	0 MW
ST-Oil	140 MW
Gas	4,026 MW
Hydro	1,721 MW
Distillate	0 MW
Total TNB	7,267 MW
Total IPP	11,316 MW
Total Co-Gen	83 MW
System Total	19,226 MW

Set On Bus, TNB, IPP And MD

At Daily Maximum Demand Hour : 20:30	
TNB Generation	4,871 MW
IPP Generation	8,138 MW
Total Set On Bus	13,975 MW
Maximum Demand	13,141 MW
Spinning Reserve	883 MW
Net Energy	283,733 MWH
Load Factor	90.0 %

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	12205	11573	10950	10671	10473	10329	10311	10437	10178	11212	11988	12660	12581	12389	12650	12666	12743	12396	11936	12044	13059	13013	12685	12439

Gas Usage

Station	(mmscfd)
CBPS	57
GLGR	48
PAKA	99
PGPS	51
TJGS	205
TNB Total	462
KLPP	68
MPSS	55
PGLA	111
PLPS	105
SGB3	90
SKSP	53
YPGS	35
YPKA	135
IPP Total	652
Total Gas	1,114
Total Gas Required :	1,114
Gas Calorific Value :	38.500

Generation Mix

Type	MWh	Percentage
ST-Coal	32,762.00	11.55 %
Gas	60,826.00	21.44 %
Hydro	7,455.00	2.63 %
Total TNB	101,043.0	35.61 %
ST-Coal	94,656.0	33.36 %
Gas	85,332.0	30.07 %
Total IPP	179,988.0	63.44 %
Co-Gen	2,194.0	0.77 %
Total Co-Gen	2,194.0	0.77 %
Total Generation	283,225.0	99.82 %
PLTG	192.0	0.07 %
HVDC	-700.0	-0.25 %
Interconnection	-508.0	-0.18 %
Net Energy	283,733.0	100.00 %

Average SR During Peak Hour

Type	MW
GT	220
Hydro	161
Syncon	486
Thermal	11
Total	878

Weather Temperature

Weather	Temperature
Morning	Sunny 28
Afternoon	Hot 32

Daily MW Generation On Saturday

26-Jan-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	
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
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
Syncon		726	726	726	726	726	575	726	575	726	726	726	575	726	726	726	726	726	726	726	726	726	726	726	726	726
Hydro		126	112	93	93	111	90	113	238	106	241	109	91	114	253	99	104	107	59	123	114	109	152	270	101	367
S.Reserve Total		1186	1529	1571	2026	2182	2334	2476	2679	2682	2699	2787	2751	2819	2806	2769	2879	3087	2431	1872	1439	1246	967	984	909	1233