

Availability At Daily Maximum Demand Hour

ST-Coal	2,070 MW
ST-Gas	0 MW
ST-Oil	70 MW
Gas	3,794 MW
Hydro	1,690 MW
Distillate	0 MW
Total TNB	7,624 MW
Total IPP	10,228 MW
Total Co-Gen	75 MW
System Total	17,927 MW

Set On Bus, TNB, IPP And MD

At Daily Maximum Demand Hour : 16:00	
TNB Generation	6,219 MW
IPP Generation	9,427 MW
Total Set On Bus	16,848 MW
Maximum Demand	15,741 MW
Spinning Reserve	1,127 MW
Net Energy	332,431 MWH
Load Factor	88.0 %

Maximum Demand Record

Date :	13/05/2013	16,562.0 MW
Date :	14/05/2013	344,423.0 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	13476	12645	12290	11976	11788	11542	11752	11735	12117	13873	14670	15502	15541	15000	15520	15715	15741	15258	14173	13991	14877	14830	14397	13937

Gas Usage

Station	(mmscfd)
CBPS	70
GLGR	58
PAKA	166
SRDG	68
TJGS	108
TNB Total	469
KLPP	101
MPSS	55
PDPS	43
PGLA	111
PKLG	27
PLPS	110
PTEK	25
SGB3	69
SGRI	176
SKSP	46
YPGS	68
YPKA	131
IPP Total	962
Total Gas	1,432
Total Gas Required :	1,521
Gas Calorific Value :	38,500

Alternate Fuel Usage

Station	(mmscfd)
KLPP	13
PGPS	13
PKLG	64
Total	89

Generation Mix

Type	MWh	Percentage
ST-Coal	49,673.00	14.94 %
ST-Oil	1,181.00	0.36 %
Gas	56,428.00	16.97 %
Hydro	17,334.00	5.21 %
Total TNB	124,616.0	37.49 %
ST-Coal	75,513.0	22.72 %
ST-Oil	6,244.0	1.88 %
Gas	121,649.0	36.59 %
Distillate	1,690.0	0.51 %
Total IPP	205,096.0	61.70 %
Co-Gen	2,087.0	0.63 %
Total Co-Gen	2,087.0	0.63 %
Total Generation	331,799.0	99.81 %
PLTG	62.0	0.02 %
HVDC	-694.0	-0.21 %
Interconnection	-632.0	-0.19 %
Net Energy	332,431.0	100.00 %

Average SR During Peak Hour

Type	MW
GT	360
Hydro	169
Syncon	366
Thermal	199
Total	1095

Weather
Temperature

Morning	Sunny	26
Afternoon	Hot	36

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																										
PKLG	U003	281	281	281	281	281	281	281	281	281	281	281	281	281	281	281	281	281	281	281	281	281	281	281	281	281	281																								
JM/JG	U001	690	690	688	685	690	685	689	690	690	689	689	688	690	687	688	687	690	690	690	690	688	686	688	686	690	689	689																							
Total ST-Coal		5225	5224	5221	5216	5222	5214	5220	5231	5222	5229	5219	5220	5217	5218	5219	5232	5221	5218	5217	5221	5218	5215	5218	5215	5211	5219	5212	5226	5217	5222	5218	5219	5219	5213	5214	5221	5215	5218	5222	5228	5222	5222	5219	5223	5217	5227	5218	5225		
PGPS	U002	67	69	67	68	68	68	68	68	67	68	67	65	65	65	65	66	67	67	67	67	66	66	66	66	66	67	67	67	67	67	67	66	66	66	67	67	67	66	66	66	66	66	66	66	66	66	67	67	67	67
KLPP	GT12	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
SGRI	GT11	125	140	125	140	128	113	105	128	106	127	119	112	131	114	107	106	138	129	140	129	136	138	135	137	137	137	137	137	137	137	137	137	137	137	137	137	137	137	137	137	137	137	137	137	137	137	137	137	137	137

