

Availability At Daily Maximum Demand Hour

ST-Coal	1,380	MW
ST-Gas	150	MW
ST-Oil	0	MW
Gas	4,086	MW
Hydro	1,868	MW
Distillate	60	MW
Total TNB	7,544	MW
Total IPP	10,287	MW
Total Co-Gen	78	MW
System Total	18,469	MW

Set On Bus, TNB, IPP And MD

At Daily Maximum Demand Hour : 16:30		
TNB Generation	5,570	MW
IPP Generation	8,198	MW
Total Set On Bus	14,762	MW
Maximum Demand	14,056	MW
Spinning Reserve	916	MW
Net Energy	287,437	MWH
Load Factor	85.2	%

Maximum Demand Record

Date :	09/05/2011	15,476.0 MW
Date :	10/05/2011	318,459.0 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	10810	10265	9831	9528	9255	9262	9312	9632	10477	12188	12883	13537	13787	13408	13808	13975	13976	13738	12882	12726	13325	13118	12440	11878

Gas Usage

Station	(mmscfd)
GLGR	58
PAKA	64
PGPS	38
SRDG	22
TJGS	180
TNB Total	362
KLPP	85
MPSS	21
PGLA	40
PLPS	105
SGB3	76
SGRI	52
SKSP	49
YPGS	23
YPKA	111
IPP Total	562
Total Gas	923

Total Gas Required : 984
Gas Calorific Value : 38.500

Alternate Fuel Usage

Station	(mmscfd)
KLPP	20
SGB3	6
SGRI	3
TJGS	32
Total	60

Generation Mix

Type	MWh	Percentage
ST-Coal	32,390.00	11.27 %
Gas	47,691.00	16.59 %
Hydro	22,782.00	7.93 %
Distillate	4,680.00	1.63 %
Total TNB	107,543.0	37.41 %
ST-Coal	97,676.0	33.98 %
Gas	74,534.0	25.93 %
Distillate	3,697.0	1.29 %
Total IPP	175,907.0	61.20 %
Co-Gen	2,057.0	0.72 %
Total Co-Gen	2,057.0	0.72 %
Total Generation	285,507.0	99.33 %
PLTG	-79.0	-0.03 %
HVDC	-1,851.0	-0.64 %
Interconnection	-1,930.0	-0.67 %
Net Energy	287,437.0	100.00 %

Average SR During Peak Hour

Type	MW
GT	477
Hydro	246
Syncon	145
Thermal	59
Total	926

Weather Temperature

Weather	Temperature
Morning	Sunny 25
Afternoon	Hot 34

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
KLPP	GT14	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SGB3	GT31	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	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
TJGS	GT2A	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TJGS	GT2B	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TJGS	ST2C	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total Distillate		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
PCUF	CUFG	51	53	51	52	53	51	53	52	50	52	52	53	53	52	51	53	53	53	53	51	53	52	51	52
PCUF	CUFK	29	29	30	30	28	26	28	29	30	29	28	27	28	26	26	28	28	29	26	26	26	26	26	27
Total Co-Gen		80	82	81	82	81	77	81	81	80	81	80	81	78	77	81	78	77	80	79	79	80	80	77	78
Total Gen		10855	10525	10262	9932	9767	9689	9444	9368	9319	9361	9200	9149	9293	9459	9502	9693	10395	11416	12197	12404	12785	13202	13372	13731
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
TIE-HVDC		-29	-29	-29	-29	-29	-29	-29	-29	-29	-29	-29	-30	-30	-29	-148	-147	-147	-148	-148	-148	-148	-149	-149	-147
TIE-PLTG		74	-1	26	58	-35	5	-55	25	93	59	-33	-8	11	-29	-101	-70	-52	61	38	-10	49	-45	-17	
Interconnection		45	-30	-3	29	-64	-24	-84	-4	64	30	-62	-37	-19	-59	-130	-99	-82	31	9	-158	-98	-192	-165	
System Total		10810	10555	10265	9903	9831	9713	9528	9372	9255	9331	9262	9186	9312	9518	9632	9792	10477	11385	12188	12562	12883	13394	13537	
SRev ST-Coal		265	249	318	383	464	466	503	501	502	497	503	502	499	499	499	501	466	22	66	72	71	66	63	
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		151	358	407	563	652	846	967	1169	1263	1242	1506	1721	1610	1441	1702	1543	1484	1327	764	1006	727	535	606	
SRev OCGT-Gas		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	55	73	2	76	
SRev Distillate		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	172	474	625	625	625	625	625	625	625	625	625	625	474	625	474	172	172	172	172	172	172	172	172
Hydro		208	433	275	234	209	163	153	175	195	200	119	155	137	132	208	89	227	361	357	350	401	182	202	
S.Reserve Total		1249	1216	1478	1809	1954	2104	2252	2474	2589	2568	2757	3007	2875	2701	2887	2762	2655	1886	1363	1604	1375	959	1012	