

Availability At Daily Maximum Demand Hour

ST-Coal	1,200 MW
ST-Gas	0 MW
ST-Oil	155 MW
Gas	3,367 MW
Hydro	1,559 MW
Distillate	60 MW
Total TNB	6,341 MW
Total IPP	11,377 MW
Total Co-Gen	71 MW
System Total	17,789 MW

Set On Bus, TNB, IPP And MD

At Daily Maximum Demand Hour : 16:00		
TNB Generation	4,706	MW
IPP Generation	9,844	MW
Total Set On Bus	15,534	MW
Maximum Demand	14,633	MW
Spinning Reserve	913	MW
Net Energy	302,359	MWH
Load Factor	86.1	%

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	11935	11241	10862	10718	10611	10697	10925	10722	11430	12564	13416	14083	13993	13810	14273	14539	14633	13995	13276	12999	13515	13687	13208	12851

Gas Usage

Station	(mmscfd)
CBPS	52
GLGR	54
PAKA	181
PGPS	48
SRDG	11
TJGS	49
TNB Total	394
KLPP	58
MPSS	32
PGLA	97
PLPS	100
SGB3	76
SGRI	68
SKSP	49
YPGS	34
YPKA	105
IPP Total	620
Total Gas	1,014
Total Gas Required :	1,281
Gas Calorific Value :	38.500

Alternate Fuel Usage

Station	(mmscfd)
KLPP	43
MPSS	17
PGPS	34
PKLG	126
SGRI	46
Total	267

Generation Mix

Type	MWh	Percentage
ST-Coal	27,314.00	9.03 %
ST-Oil	3,222.00	1.07 %
Gas	49,268.00	16.29 %
Hydro	12,010.00	3.97 %
Total TNB	91,814.0	30.37 %
ST-Coal	99,429.0	32.88 %
ST-Oil	12,411.0	4.10 %
Gas	83,565.0	27.64 %
Distillate	13,773.0	4.56 %
Total IPP	209,178.0	69.18 %
Co-Gen	1,864.0	0.62 %
Total Co-Gen	1,864.0	0.62 %
Total Generation	302,856.0	100.16 %
PLTG	-230.0	-0.08 %
HVDC	727.0	0.24 %
Interconnection	497.0	0.16 %
Net Energy	302,359.0	100.00 %

Average SR During Peak Hour

Type	MW
GT	379
Hydro	103
Syncon	460
Thermal	25
Total	967

Weather
Temperature

Morning	Sunny	28
Afternoon	Hot	32

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
TMGR	HY01	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1
TMGR	HY02	27	37	27	32	30	36	37	39	39	36	32	39	36	33	40	33	29	31	34	33	36	34	33	36
TMGR	HY03	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TMGR	HY04	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1
UPLA	HY01	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total Hydro		493	448	361	212	141	131	159	163	163	169	157	140	168	173	142	172	275	218	354	385	372	644	723	901
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
KLPP	GT15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
MPSS	GT02	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	GT21	122	123	123	123	123	106	106	37	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SGRI	GT22	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	GT23	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	ST24	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		122	123	123	123	123	106	106	37	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
PCUF	CUFG	51	52	53	51	54	52	52	51	51	52	50	51	52	51	53	51	53	51	51	50	51	50	49	49
PCUF	CUFK	23	23	23	22	21	24	24	24	23	24	21	23	25	21	21	22	24	23	23	23	21	20	19	18
Total Co-Gen		74	75	76	73	75	76	76	74	73	73	76	73	72	75	75	76	74	74	73	72	70	68	67	
Total Gen		11886	11727	11298	11194	10896	10843	10697	10763	10620	10796	10774	10812	10870	10948	10812	10707	11411	12009	12663	12946	13456	13982	14158	
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		30	30	31	31	30	30	31	31	30	30	30	30	30	31	31	31	31	30	30	30	30	30	30	30
TIE-PLTG		-79	-12	26	4	4	-28	-52	-69	-21	-85	47	80	-85	18	59	-52	-50	41	69	4	10	-31	45	
Interconnection		-49	18	57	27	34	2	-21	-38	9	-55	77	110	-55	49	90	-21	-19	72	99	34	40	-1		
System Total		11935	11709	11241	11167	10862	10841	10718	10801	10611	10851	10697	10702	10925	10899	10722	10728	11430	11937	12564	12912	13416	13983	14083	
SRev ST-Coal		147	205	281	268	353	348	357	282	283	277	290	288	279	278	281	287	63	17	17	22	27	30	19	
SRev ST-Oil		7	15	21	17	33	28	32	21	21	23	23	1	6	5	5	7	6	6	6	5	5	1	-2	
SRev CCGT-Gas		1624	1482	1622	1600	1624	1612	1595	1572	1644	1572	1650	1646	1540	1549	1642	1479	1378	1144	1165	906	470	364	303	
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	
SRev Distillate		8	7	7	7	24	24	24	93	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	
Syncon		474	580	580	580	580	580	580	580	580	580	580	580	580	429	580	731	625	625	625	625	625	474	474	
Hydro		141	75	112	156	127	137	109	105	105	99	111	128	100	246	126	95	98	260	124	93	106	135	131	
S.Reserve Total		2401	2369	2628	2633	2729	2734	2702	2589	2731	2556	2659	2648	2510	2512	2639	2604	2202	2230	1964	1681	1260	1033	1010	