

Availability At Daily Maximum Demand Hour

ST-Coal	1,200	MW
ST-Gas	0	MW
ST-Oil	85	MW
Gas	3,592	MW
Hydro	1,553	MW
Distillate	60	MW
Total TNB	6,490	MW
Total IPP	11,627	MW
Total Co-Gen	68	MW
System Total	18,185	MW

Set On Bus, TNB, IPP And MD

At Daily Maximum Demand Hour : 14:30		
TNB Generation	4,741	MW
IPP Generation	10,125	MW
Total Set On Bus	16,013	MW
Maximum Demand	14,935	MW
Spinning Reserve	1,079	MW
Net Energy	310,626	MWH
Load Factor	86.7	%

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	12840	12218	11813	11438	11391	11368	11229	11061	11645	12968	13949	14610	14534	14207	14680	14874	14848	14183	13392	13003	13603	13715	13331	13021

Gas Usage

Station	(mmscfd)
CBPS	52
GLGR	54
PAKA	179
PGPS	48
SRDG	36
TJGS	53
TNB Total	422
KLPP	74
MPSS	52
PGLA	112
PKLG	0
PLPS	109
SGB3	86
SGRJ	108
SKSP	30
YPGS	33
YPKA	69
IPP Total	673
Total Gas	1,095

Total Gas Required : 1,217
Gas Calorific Value : 38.500

Alternate Fuel Usage

Station	(mmscfd)
KLPP	17
PGPS	19
PKLG	64
SGRJ	23
Total	122

Generation Mix

Type	MWh	Percentage
ST-Coal	27,314.00	8.79 %
ST-Oil	1,757.00	0.57 %
Gas	52,244.00	16.82 %
Hydro	10,096.00	3.25 %
Total TNB	91,411.0	29.43 %
ST-Coal	116,634.0	37.55 %
ST-Gas	10.0	0.00 %
ST-Oil	6,253.0	2.01 %
Gas	89,898.0	28.94 %
Distillate	5,197.0	1.67 %
Total IPP	217,992.0	70.18 %
Co-Gen	1,841.0	0.59 %
Total Co-Gen	1,841.0	0.59 %
Total Generation	311,244.0	100.20 %
PLTG	-111.0	-0.04 %
HVDC	729.0	0.23 %
Interconnection	618.0	0.20 %
Net Energy	310,626.0	100.00 %

Average SR During Peak Hour

Type	MW
GT	281
Hydro	123
Syncon	478
Thermal	52
Total	934

Weather Temperature

Weather	Temperature
Morning	Sunny 27
Afternoon	Rainy 29

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	38	43	83	44	39	40	38	39	44	77	80	36	40	38	82	36	39	80	70	35	39	32	38	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	
UPIA	HY01	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	
Total Hydro		272	399	281	288	224	276	267	270	240	410	418	257	276	280	276	174	266	346	305	548	395	508	847	817	
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	
SGRI	GT22	125	125	126	38	0	0	0	0	0	0	0	0	0	0	0	0	0	0	124	124	125	125	124	124	
Total Distillate		125	125	126	38	0	0	0	0	0	0	0	0	0	0	0	0	0	0	124	124	125	125	124	124	
PCUF	CUFG	51	51	52	51	52	51	52	52	53	51	53	51	52	51	51	51	51	51	51	51	51	51	51	51	
PCUF	CUFK	22	22	21	22	21	23	22	23	22	21	25	24	22	23	22	24	23	22	23	20	19	19	20	21	
Total Co-Gen		73	73	73	73	73	74	74	75	75	72	78	75	74	75	73	76	74	73	74	71	70	70	71	72	
Total Gen		12906	12411	12282	12194	11848	11748	11417	11503	11360	11420	11400	11145	11238	11250	11167	10941	11677	12550	12953	13824	13921	14196	14663	14679	
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		31	31	31	30	30	30	31	31	31	31	30	30	31	31	31	31	29	29	30	30	29	29	30	30	
TIE-PLTG		35	-28	33	36	5	-49	-51	-23	-62	-50	1	23	-21	-24	75	3	1	18	-45	-10	-59	-4	23	17	
Interconnection		66	3	64	66	35	-19	-21	8	-31	-19	32	53	9	7	106	34	32	49	-15	20	-28	27	53	47	
System Total		12840	12408	12218	12128	11813	11767	11438	11495	11391	11439	11368	11092	11229	11243	11061	10907	11645	12501	12968	13804	13949	14169	14610	14692	
SRev ST-Coal		44	43	46	49	48	172	171	184	279	282	285	280	279	284	279	379	94	45	36	45	31	49	60	46	
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	0
SRev ST-Oil		4	4	4	12	13	14	15	6	4	4	4	3	3	4	4	4	4	5	5	5	5	5	5	5	5
SRev CCGT-Gas		384	777	786	782	966	994	1316	1230	1250	1354	1385	1481	1408	1396	1477	1629	1143	408	473	335	350	380	262	213	
SRev OCGT-Gas		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	23	-5	35	56	74	27	
SRev Distillate		5	5	4	92	130	130	130	130	130	130	130	130	130	130	0	0	0	0	0	1	1	15	-15	16	
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	625	625	474	474	625	731	731	731	580	731	625	625	474	625	474	474	474	625	
Hydro		210	83	58	51	115	63	72	69	250	185	26	81	62	58	213	164	178	136	177	85	87	200	96	126	
S.Reserve Total		1272	1537	1523	1611	1897	1998	2329	2244	2387	2429	2455	2707	2613	2602	2683	2907	2044	1218	1316	967	1094	1144	968	923	