

Availability At Daily Maximum Demand Hour

ST-Coal	1,980	MW
ST-Gas	0	MW
ST-Oil	80	MW
Gas	4,136	MW
Hydro	1,890	MW
Distillate	60	MW
Total TNB	8,146	MW
Total IPP	10,897	MW
Total Co-Gen	55	MW
System Total	19,098	MW

Set On Bus, TNB, IPP And MD

At Daily Maximum Demand Hour : 15:30

TNB Generation	5,048	MW
IPP Generation	7,748	MW
Total Set On Bus	13,770	MW
Maximum Demand	13,017	MW
Spinning Reserve	919	MW
Net Energy	271,979	MWH
Load Factor	87.1	%

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	10670	10246	9834	9567	9295	9223	9381	9691	10067	11345	12129	12679	12642	12502	12955	12799	12872	12429	12027	12155	12810	12537	12032	11558

Gas Usage

Station	(mmscfd)
CBPS	42
GLGR	53
PGPS	14
TJGS	176
TNB Total	285
KLPP	83
MPSS	29
PGLA	82
PLPS	35
SGB3	35
SKSP	47
YPGS	35
YPKA	124
IPP Total	470
Total Gas	755

Total Gas Required : 875
Gas Calorific Value : 38.500

Alternate Fuel Usage

Station	(mmscfd)
PKLG	120
Total	120

Generation Mix

Type	MWh	Percentage
ST-Coal	43,615.00	16.04 %
Gas	39,755.00	14.62 %
Hydro	16,546.00	6.08 %
Distillate	26.00	0.01 %
Total TNB	99,942.0	36.75 %
ST-Coal	92,268.0	33.92 %
ST-Oil	11,692.0	4.30 %
Gas	63,133.0	23.21 %
Total IPP	167,093.0	61.44 %
Co-Gen	1,493.0	0.55 %
Total Co-Gen	1,493.0	0.55 %
Total Generation	268,528.0	98.73 %
PLTG	413.0	0.15 %
HVDC	-3,864.0	-1.42 %
Interconnection	-3,451.0	-1.27 %
Net Energy	271,979.0	100.00 %

Average SR During Peak Hour

Type	MW
GT	184
Hydro	268
Syncon	487
Thermal	35
Total	975

	Weather	Temperature
Morning	Sunny	27
Afternoon	Hot	31

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
CEND	HY02	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7
CEND	HY03	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7
CEND	HY04	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7
KNRG	HY01	0	0	0	0	0	0	0	0	0	0	0	0	20	25	22	23	22	24	22	22	23	22	22	5
KNRG	HY02	25	38	38	38	38	38	38	38	24	24	23	23	23	23	23	23	23	23	23	23	23	23	24	24
KNRG	HY03	0	0	0	0	0	0	0	0	0	0	0	0	19	22	20	0	0	21	20	21	20	20	0	0
KNYR	HY01	75	93	80	74	93	91	74	-1	-1	-1	-1	100	77	96	72	79	101	77	74	98	78	91	79	98
KNYR	HY02	80	96	80	74	96	94	78	103	81	81	79	78	0	0	98	102	91	97	103	98	93	102	99	99
KNYR	HY03	58	93	58	71	98	95	59	102	79	80	58	58	67	54	85	90	61	100	54	70	102	63	56	100
KNYR	HY04	57	99	60	69	97	95	58	103	82	83	58	0	0	0	100	102	92	98	102	101	96	102	100	100
LPIA	HY01	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20
LPIA	HY02	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20
MNOR	HY01	5	5	5	5	5	3	3	3	3	3	3	3	3	4	4	7	7	7	7	7	7	7	7	7
PGAU	HY01	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	19	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1
PGAU	HY02	-1	-1	-1	-1	-1	21	-1	-1	-1	-1	-1	-1	21	0	0	0	81	81	-1	0	0	0	111	111
PGAU	HY03	0	0	0	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1
PGAU	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
SIHY	HY01	0	0	0	0	0	0	0	0	0	0	0	0	0	50	50	50	50	50	50	50	50	50	50	50
SIHY	HY02	0	0	0	0	0	0	0	0	0	0	0	10	50	50	46	49	50	50	50	50	50	50	50	50
SIHY	HY03	49	0	0	0	0	0	0	0	0	0	0	0	29	50	50	50	50	50	50	50	50	50	50	50
SYPS	HY01	25	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	25	25	25	25	25	25	25	25
SYPS	HY02	25	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	25	25	25	25	25	25	25	25
SYPS	HY03	25	25	25	25	25	0	0	0	0	0	0	0	0	0	0	0	25	25	25	25	25	25	25	25
SYPS	HY04	25	25	25	25	25	0	0	0	0	0	0	0	0	0	0	0	25	25	25	25	25	25	25	25
TMGR	HY01	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	37	48	40	0	39	51	57	44
TMGR	HY02	40	43	38	39	41	44	40	62	41	41	39	39	44	39	41	45	40	42	38	40	68	39	39	
TMGR	HY03	-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	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
UPIA	HY02	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		575	603	495	506	603	597	457	495	408	410	359	277	214	214	238	419	551	671	602	640	734	766	989	
TEWA	GT01	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	20	19	20	20	20	19	21	20	19	20	19	19	20	19	20	20	19	19	19	18	20	19	21	19
PCUF	CUFK	35	35	33	34	37	35	33	36	38	36	37	38	39	40	40	39	38	38	39	39	38	39	39	37
Total Co-Gen		55	54	53	54	57	55	52	57	58	55	57	57	58	59	58	57	59	58	57	59	57	57	59	
Total Gen		10502	10068	9965	9635	9509	9415	9275	9217	8975	8966	8961	9023	9089	9203	9366	9383	9892	10526	11130	11635	11979	12221	12752	
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		-198	-294	-292	-295	-292	-295	-292	-292	-293	-295	-294	-294	-293	-294	-292	-293	-293	-98	-98	-98	-99	-99	-97	-97
TIE-PLTG		30	-5	11	-45	-33	-75	0	-81	-28	-74	33	-13	2	-4	-32	37	117	-13	78	53	-52	72	172	
Interconnection		-168	-299	-281	-340	-325	-370	-292	-373	-320	-367	-262	-307	-292	-298	-325	-257	-175	-306	-215	-45	-150	-26	73	
System Total		10670	10367	10246	9975	9834	9785	9567	9590	9295	9333	9223	9330	9381	9501	9691	9640	10067	10832	11345	11680	12129	12247	12679	
SRev ST-Coal		158	281	280	386	401	420	417	425	442	442	436	440	438	440	436	438	425	138	49	66	45	53	29	
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

Daily MW Generation On Monday
12-Dec-2011

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 ST-Oil		19	19	13	31	57	57	57	57	57	56	56	57	56	56	56	7	2	2	3	3	3	8	12	18	19	19	17	17	16	16	15	12	9	9	4	4	4	4	4	4	4	4	4	4	4	3	3			
SRev CCGT-Gas		826	854	855	1073	1059	1063	1059	1043	1057	1059	1023	883	1101	931	1048	1234	1271	1273	973	701	529	311	29	31	38	97	197	255	77	86	138	87	81	83	81	286	435	455	457	22	22	9	95	103	574	539	690	788		
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	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0			
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	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	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	776	776	625	882	882	882	882	882	882	731	882	625	625	625	625	625	625	323	388	539	690	625	625	625	453	539	539	539	539	539	625	625	731	731	731	625	625	625	625	625	625	625	625	474	474	625
Hydro		225	97	205	194	96	102	343	48	135	133	184	161	119	270	145	221	299	129	198	160	66	336	503	281	338	136	194	116	208	318	349	242	336	376	321	179	220	200	105	210	321	354	487	348	192	304	320	148		
S.Reserve Total		1853	1876	1978	2309	2389	2418	2501	2455	2573	2573	2581	2422	2597	2429	2567	2574	2676	2172	1847	1554	1268	1026	952	891	1113	924	1156	1115	862	1002	1068	919	1001	1043	1059	1124	1425	1422	1330	886	988	1017	1229	1103	1500	1425	1599	1674		