

Availability At Daily Maximum Demand Hour

ST-Coal	1,980	MW
ST-Gas	160	MW
ST-Oil	0	MW
Gas	3,586	MW
Hydro	1,764	MW
Distillate	700	MW
Total TNB	8,190	MW
Total IPP	9,880	MW
Total Co-Gen	75	MW
System Total	18,145	MW

Set On Bus, TNB, IPP And MD

At Daily Maximum Demand Hour : 16:00

TNB Generation	6,411	MW
IPP Generation	7,999	MW
Total Set On Bus	15,370	MW
Maximum Demand	14,477	MW
Spinning Reserve	885	MW
Net Energy	297,129	MWH
Load Factor	85.5	%

Maximum Demand Record

Date :	09/05/2011	15,476.0 MW
Date :	24/04/2012	320,821.0 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	11466	10817	10150	10008	9616	9426	9934	10058	10793	12310	13211	13797	13913	13482	14119	14452	14477	14114	13276	13051	14039	13953	13251	12670

Gas Usage

Station	(mmscfd)
CBPS	45
GLGR	45
PAKA	120
PGPS	37
SRDG	20
TJGS	163
TNB Total	430
KLPP	74
PDPS	14
PGLA	106
PKLG	1
PLPS	108
SGB3	68
SGRI	49
SKSP	52
YPGS	46
YPKA	112
IPP Total	631
Total Gas	1,061

Total Gas Required : 1,250
Gas Calorific Value : 38.500

Alternate Fuel Usage

Station	(mmscfd)
KLPP	16
PDPS	4
PKLG	96
SGB3	15
SGRI	5
TJGS	53
Total	189

Generation Mix

Type	MWh	Percentage
ST-Coal	46,610.00	15.69 %
Gas	54,880.00	18.47 %
Hydro	23,391.00	7.87 %
Distillate	7,624.00	2.57 %
Total TNB	132,505.0	44.60 %
ST-Coal	66,544.0	22.40 %
ST-Oil	9,414.0	3.17 %
Gas	82,091.0	27.63 %
Distillate	4,791.0	1.61 %
Total IPP	162,840.0	54.80 %
Co-Gen	2,014.0	0.68 %
Total Co-Gen	2,014.0	0.68 %
Total Generation	297,359.0	100.08 %
PLTG	-407.0	-0.14 %
HVDC	637.0	0.21 %
Interconnection	230.0	0.08 %
Net Energy	297,129.0	100.00 %

Average SR During Peak Hour

Type	MW
GT	385
Hydro	228
Syncon	213
Thermal	58
Total	884

	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
YPGS	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
YPGS	ST10	68	68	68	68	68	68	68	67	67	67	67	67	69	69	69	69	69	69	69	69	69	69	69	69
YPKA	BLK1	182	182	193	193	193	193	194	194	191	191	190	190	250	250	269	296	300	300	266	266	332	368	367	367
YPKA	BLK2	188	188	199	199	198	199	199	199	197	197	195	195	259	259	279	305	308	308	281	281	342	377	376	376
PLPS	GT11	120	79	70	70	70	71	70	70	71	71	72	69	72	86	144	143	142	142	141	140	140	140	140	140
PLPS	GT12	125	108	74	74	74	73	74	74	73	74	73	76	75	76	148	146	147	146	143	145	145	145	145	145
PLPS	GT13	127	108	67	68	69	69	68	68	69	69	69	68	69	69	149	147	148	145	144	145	144	144	144	144
PLPS	ST18	209	190	155	153	154	153	152	153	153	153	152	152	151	152	216	215	215	214	213	213	213	213	213	213
SKSP	BLK1	243	241	264	250	227	221	349	339	338	348	348	353	325	211	228	350	339	346	345	341	341	332	342	340
TJGS	GT1A	228	228	228	228	232	214	194	194	194	194	175	179	196	229	233	230	230	230	226	226	208	178	178	222
TJGS	GT1B	221	221	221	221	221	203	189	185	185	189	170	170	189	221	224	224	224	224	221	221	198	170	170	214
TJGS	ST1C	260	260	260	260	256	238	225	221	221	221	209	209	217	248	258	258	258	261	261	261	261	261	261	261
TJGS	GT2A	216	217	217	217	184	184	184	183	184	185	184	184	220	221	220	220	219	218	218	218	219	216	215	218
TJGS	GT2B	215	214	214	214	178	177	178	179	177	179	179	218	218	218	218	218	218	218	218	218	218	218	218	218
TJGS	ST2C	263	262	263	264	239	239	240	239	240	239	240	239	263	264	263	263	263	262	260	0	0	0	0	0
Total CCGT-Gas		5021	4737	4663	4649	4340	4234	4279	4303	4364	4291	4308	4527	4927	4935	4923	5170	5993	6296	6575	7071	7171	7333	7376	7483
PDPS	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
PDPS	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
PKLG	GT08	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SRDG	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
SRDG	GT03	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SRDG	GT04	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SRDG	GT05	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 CCGT-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
BSIA	HY01	20	20	20	20	20	20	20	20	20	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11
BSIA	HY02	21	20	20	20	20	20	20	21	20	21	20	10	11	11	11	11	11	11	11	11	11	11	11	11
BSIA	HY03	20	21	21	21	20	20	21	21	20	20	21	11	11	10	11	12	10	12	11	11	20	19	20	19
CEND	HY01	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9
CEND	HY02	9	9	9	9	9	9	8	8	9	8	9	8	9	8	9	9	9	9	9	9	9	9	9	9
CEND	HY03	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8
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	19	21	22	21	19	20	24	21	20	21	21	23	23	22	18	22	24	20	23	23	35	31	32	35
KNRG	HY02	22	23	22	22	22	22	23	22	22	22	23	23	22	22	22	22	22	22	22	22	35	34	34	34
KNRG	HY03	23	23	23	23	23	23	24	23	23	24	24	24	23	24	25	23	24	24	24	24	36	36	36	36
KNYR	HY01	90	91	75	62	69	63	104	59	60	65	64	105	106	94	56	101	106	89	103	103	102	94	80	96
KNYR	HY02	84	60	73	71	59	59	95	58	60	60	62	103	107	102	57	100	68	87	103	103	101	102	76	98
KNYR	HY03	77	81	75	71	59	59	65	81	68	59	61	66	67	64	60	92	87	85	103	103	100	100	92	93
KNYR	HY04	77	81	65	68	58	59	65	59	59	59	61	72	95	87	61	70	91	92	103	103	99	99	77	96
LPIA	HY02	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
MNOR	HY01	4	4	4	4	4	4	4	4	4	4	4	2	2	2	2	2	2	2	3	3	5	5	6	6
PGAU	HY01	-1	-1	-1	-1	-1	19	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1
PGAU	HY02	-1	-1	-1	-1	-1	-1	23	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1
PGAU	HY03	-1	-1	-1	-1	-1	-1	25	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1
PGAU	HY04	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SIHY	HY02	50	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SIHY	HY03	49	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SYPS	HY01	25	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SYPS	HY02	25	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SYPS	HY03	25	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

07-May-2012

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	
SYPS	HY04	25	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	HY01	79	79	50	41	53	43	83	41	39	45	41	83	83	70	39	83	84	75	83	83	83	75	73	73	73
TMGR	HY03	78	76	49	38	53	40	84	39	39	42	40	84	84	60	57	59	62	57	75	76	75	75	72	73	73
TMGR	HY04	41	73	50	41	53	43	79	41	42	45	42	79	79	67	38	77	79	71	79	79	80	74	67	77	71
Total Hydro		884	703	599	574	562	545	790	540	526	535	533	727	756	678	515	716	714	685	976	1138	1102	1405	1165	1100	
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	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	0
PDPS	GT03	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
PDPS	GT04	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
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	0
SGB3	GT33	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	GT21	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
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	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	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	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	50	53	51	51	51	52	52	51	52	51	51	52	52	52	53	52	54	51	53	51	53	50	50	51	48
PCUF	CUFK	40	34	33	25	24	25	26	24	25	27	24	26	26	25	26	25	26	29	24	23	23	25	35	26	24
Total Co-Gen		90	87	84	76	75	77	78	75	77	78	75	78	77	75	78	78	81	74	79	75	79	76	75	77	
Total Gen		11425	10961	10780	10639	10242	10087	9947	9713	9646	9626	9509	9720	9965	10291	10136	10329	10823	11715	12308	12745	13205	13614	13862	13961	
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	0
TIE-HVDC		-30	-30	-29	31	30	30	31	31	31	29	29	30	30	30	31	31	30	30	30	30	30	30	30	30	30
TIE-PLTG		-11	9	-8	18	62	-6	-92	54	-1	-34	54	-1	-5	-32	18	-37	91	35	14	8	-71	47	-75	-29	
Interconnection		-41	-21	-37	49	92	24	-61	85	30	-3	83	28	31	13	78	0	30	26	-2	48	-6	122	65	44	
System Total		11466	10982	10817	10590	10150	10063	10008	9628	9616	9629	9426	9692	9934	10278	10058	10329	10793	11689	12310	12697	13211	13492	13797	13917	
SRev ST-Coal		48	44	44	137	214	246	218	223	294	305	310	309	313	307	313	307	157	59	60	64	67	71	55	67	
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		2	2	2	3	1	3	2	2	3	3	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
SRev CCGT-Gas		499	783	857	871	1180	1286	1241	1307	1427	1386	1459	1442	1223	823	944	1048	901	483	480	541	224	349	187	156	
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
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
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
Syncon		453	453	453	302	453	302	151	453	453	453	453	453	453	453	302	453	453	453	453	453	453	453	453	453	453
Hydro		233	214	318	494	355	523	429	377	391	382	384	190	161	239	553	201	203	232	141	280	316	315	404	318	
S.Reserve Total		1235	1496	1674	1807	2203	2360	2041	2362	2568	2529	2608	2396	2152	1824	2114	2011	1716	1229	1136	1189	911	765	892	951	