

Availability At Daily Maximum Demand Hour

ST-Coal	1,380	MW
ST-Gas	0	MW
ST-Oil	150	MW
Gas	4,378	MW
Hydro	1,828	MW
Distillate	0	MW
Total TNB	7,736	MW
Total IPP	11,119	MW
Total Co-Gen	67	MW
System Total	19,482	MW

Set On Bus, TNB, IPP And MD

At Daily Maximum Demand Hour : 20:00		
TNB Generation	3,996	MW
IPP Generation	6,646	MW
Total Set On Bus	11,736	MW
Maximum Demand	10,770	MW
Spinning Reserve	1,027	MW
Net Energy	219,226	MWH
Load Factor	84.8	%

Maximum Demand Record

Date :	20/06/2012	15,826.0 MW
Date :	20/06/2012	328,716.0 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	9351	8955	8608	8334	8131	7998	7970	7950	7779	8323	8753	9302	9494	9339	9419	9464	9480	9326	9282	9550	10770	10751	10456	10167

Gas Usage

Station	(mmscfd)
GLGR	63
PGPS	52
SRDG	6
TJGS	223
TNB Total	344
KLPP	119
PGLA	121
PLPS	122
SGB3	112
SGRI	12
SKSP	58
YPGS	25
YPKA	51
IPP Total	620
Total Gas	963

Total Gas Required : 963
Gas Calorific Value : 38,500

Generation Mix

Type	MWh	Percentage
ST-Coal	27,203.00	12.41 %
Gas	47,579.00	21.70 %
Hydro	6,684.00	3.05 %
Total TNB	81,466.0	37.16 %
ST-Coal	53,426.0	24.37 %
Gas	82,020.0	37.41 %
Total IPP	135,446.0	61.78 %
Co-Gen	1,871.0	0.85 %
Total Co-Gen	1,871.0	0.85 %
Total Generation	218,783.0	99.80 %
PLTG	-4.0	0.00 %
HVDC	-439.0	-0.20 %
Interconnection	-443.0	-0.20 %
Net Energy	219,226.0	100.00 %

Average SR During Peak Hour

Type	MW
GT	118
Hydro	132
Syncon	606
Thermal	313
Total	1169

Weather		Temperature
Morning	Sunny	27
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
CEND	HY02	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	HY03	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6
KNRG	HY01	36	36	33	34	33	35	33	33	33	32	33	34	34	32	32	33	32	32	33	33	33	33	34	33
KNYR	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
KNYR	HY02	58	54	52	53	60	64	60	58	60	59	57	62	65	66	56	55	58	56	53	59	61	54	60	60
LPIA	HY01	19	18	18	18	18	18	18	18	18	18	19	19	19	19	19	19	19	19	19	19	19	19	19	19
MNOR	HY01	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
PGAU	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
PGAU	HY02	-1	-1	-1	-1	20	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	20	-1	-1
PGAU	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
SIHY	HY01	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	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	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
SYPS	HY01	0	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	0	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	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SYPS	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
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	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	26	33	29	30	36	38	35	34	35	35	33	36	39	40	31	31	34	32	31	35	32	30	32	32
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		205	206	166	170	203	190	180	177	180	179	199	176	186	192	223	171	170	178	173	168	178	240	232	241
PCUF	CUFG	43	44	44	49	50	48	44	44	45	46	45	50	44	51	50	52	52	51	49	49	49	48	48	45
PCUF	CUFK	30	30	30	29	31	30	30	32	31	30	32	32	30	32	31	29	27	25	24	25	24	25	23	21
Total Co-Gen		73	74	74	78	81	78	74	76	76	76	77	80	76	83	80	82	83	81	78	74	73	74	72	73
Total Gen		9296	9093	8880	8721	8534	8349	8269	8168	8127	8102	8010	7947	7988	7999	8036	7775	7790	8007	8306	8416	8735	9032	9274	9425
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	-30	-30	-29	-29	-29	-29	-29	-30	-30	-29	-29	-30	0	0	0	0	0	0	0	0	0	0	0
TIE-PLTG		-26	-45	-45	-69	-45	-81	-36	-30	25	92	42	34	47	-12	86	-4	11	-22	-17	-43	-18	-117	-28	7
Interconnection		-55	-75	-75	-98	-74	-110	-65	-59	-4	62	12	5	18	-42	86	-4	11	-22	-17	-43	-18	-117	-28	
System Total		9351	9168	8955	8819	8608	8459	8334	8227	8131	8040	7998	7942	7970	8041	7950	7779	7779	8029	8323	8459	8753	9149	9302	9418
SRev ST-Coal		331	337	333	427	458	457	456	455	456	455	455	454	452	456	454	456	453	457	456	455	456	455	451	452
SRev ST-Oil		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		111	200	237	98	44	13	26	28	68	96	146	54	14	16	12	214	208	67	125	162	95	81	97	100
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
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		726	726	726	726	575	726	726	726	726	575	726	726	726	726	726	726	726	726	575	726	726	726	726	726
Hydro		119	118	136	132	250	112	122	125	122	123	254	126	116	110	230	131	132	124	129	134	124	162	170	161
S.Reserve Total		1287	1381	1432	1383	1327	1308	1330	1334	1372	1401	1430	1361	1310	1304	1273	1525	1522	1370	1437	1478	1400	1425	1448	1438