

Availability At Daily Maximum Demand Hour

ST-Coal	1,290	MW
ST-Gas	0	MW
ST-Oil	155	MW
Gas	3,786	MW
Hydro	1,666	MW
Distillate	60	MW
Total TNB	6,957	MW
Total IPP	11,333	MW
Total Co-Gen	95	MW
System Total	18,385	MW

Set On Bus, TNB, IPP And MD

At Daily Maximum Demand Hour : 15:00		
TNB Generation	5,008	MW
IPP Generation	9,656	MW
Total Set On Bus	15,719	MW
Maximum Demand	14,720	MW
Spinning Reserve	956	MW
Net Energy	299,450	MWH
Load Factor	84.8	%

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	11281	10877	10417	10067	9773	9803	9978	10314	11090	12856	13622	14261	14314	14119	14458	14720	14472	14224	13346	13563	13802	13503	12945	12308

Gas Usage

Station	(mmscfd)
CBPS	53
GLGR	54
PAKA	134
SRDG	2
TJGS	147
TNB Total	390
KLPP	110
MPSS	43
PLPS	109
SGB3	74
SGRI	100
SKSP	47
YPGS	33
YPKA	127
IPP Total	645
Total Gas	1,035

Alternate Fuel Usage

Station	(mmscfd)
PGPS	28
PKLG	114
Total	142

Generation Mix

Type	MWh	Percentage
ST-Coal	28,814.00	9.62 %
ST-Oil	2,662.00	0.89 %
Gas	52,688.00	17.59 %
Hydro	13,655.00	4.56 %
Total TNB	97,819.0	32.67 %
ST-Coal	103,080.0	34.42 %
ST-Oil	11,108.0	3.71 %
Gas	85,789.0	28.65 %
Total IPP	199,977.0	66.78 %
Co-Gen	2,407.0	0.80 %
Total Co-Gen	2,407.0	0.80 %
Total Generation	300,203.0	100.25 %
PLTG	118.0	0.04 %
HVDC	635.0	0.21 %
Interconnection	753.0	0.25 %
Net Energy	299,450.0	100.00 %

Average SR During Peak Hour

Type	MW
GT	371
Hydro	171
Syncon	426
Thermal	40
Total	1008

Weather
Temperature

Morning	Sunny	24
Afternoon	Cloudy	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
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
YPGS	GT12	98	107	108	108	108	108	108	108	107	107	108	108	108	107	107	107	107	106	106	105	105	105	104	103
YPGS	ST10	66	68	69	69	68	68	68	68	68	68	68	68	68	69	69	69	69	69	68	68	68	68	69	69
YPKA	BLK1	259	288	290	290	290	292	292	291	291	292	290	290	289	291	294	291	291	295	349	385	388	388	391	391
YPKA	BLK2	272	300	302	303	302	303	303	303	303	303	303	301	303	305	303	303	309	360	396	396	396	400	400	399
PLPS	GT11	134	138	126	135	125	116	113	122	114	121	114	139	119	139	114	139	125	138	129	139	137	138	125	135
PLPS	GT12	137	141	131	137	128	120	118	116	125	119	124	119	142	123	141	119	143	129	143	133	142	143	143	143
PLPS	GT13	128	131	116	129	115	111	110	110	111	111	116	111	134	119	136	110	134	119	129	127	132	132	135	130
PLPS	ST18	209	211	206	212	204	201	200	200	204	200	206	201	214	203	212	199	213	207	214	206	212	214	214	213
SKSP	BLK1	212	215	212	212	214	213	210	217	211	214	214	213	238	212	242	213	301	319	289	312	291	309	338	339
TJGS	GT1A	206	211	198	211	177	171	172	166	182	167	184	166	218	211	214	167	212	193	220	220	217	217	217	217
TJGS	ST1C	107	110	104	112	98	97	94	97	99	98	106	95	115	110	114	94	110	113	120	120	120	120	120	120
TJGS	GT2A	216	216	203	125	125	125	125	125	125	125	125	125	125	125	216	213	211	211	209	209	211	212	211	211
TJGS	GT2B	211	211	197	118	118	118	121	117	118	119	119	118	118	119	118	117	212	212	207	207	207	207	203	206
TJGS	ST2C	260	261	249	207	207	207	206	207	207	208	207	207	207	207	207	252	258	258	258	258	257	256	256	256
Total CCGT-Gas		4720	4474	4351	4228	4121	4085	4096	4064	4115	4106	4190	4178	4340	4259	4396	4243	4632	5106	5816	6257	6494	6858	6920	6968
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
Total 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
BSIA	HY02	11	21	21	21	21	21	21	21	21	21	21	21	21	21	21	21	21	21	21	21	21	21	21	21
CEND	HY01	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	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	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	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
KNRG	HY02	24	24	23	24	23	23	23	23	23	23	23	23	23	23	23	23	23	23	23	23	23	23	23	23
KNRG	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
KNYR	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
KNYR	HY02	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	100	-1	-1	-1	60	85	96	93	99	101	74	73
KNYR	HY03	74	90	60	93	61	60	60	60	60	61	60	59	102	81	102	59	92	61	61	61	61	62	80	60
KNYR	HY04	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	94	94	94	93	93	93	93	93	93
LPIA	HY01	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16
LPIA	HY02	17	17	17	17	17	17	17	17	17	17	17	17	18	18	18	18	18	18	18	18	18	18	18	18
MNOR	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
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	-1	-1	-1	-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	-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	17	-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	HY02	59	59	59	61	55	56	58	57	57	56	58	31	38	35	40	32	39	35	36	36	37	37	34	35
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

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	
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		235	261	230	266	227	245	229	249	228	229	230	201	277	349	257	204	242	466	496	650	599	694	774	836	
PCUF	CUFG	52	53	54	52	51	52	54	51	52	52	54	52	54	51	55	50	54	52	54	55	52	54	53	53	
PCUF	CUFK	45	45	45	45	47	47	47	47	46	46	46	46	47	45	45	45	47	47	47	47	47	47	47	47	46
Total Co-Gen		97	98	99	97	98	99	101	98	98	98	100	98	101	96	100	95	101	99	101	102	99	101	100	100	
Total Gen		11241	11023	10847	10701	10488	10472	10052	10032	9801	9787	9841	9694	9985	10161	10277	10313	11112	12096	12874	13474	13655	14094	14241	14342	
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	-29	-29	30	31	31	30	30	31	31	30	30	30	30	29	29	30	30	31	31	29	29	31	31	
TIE-PLTG		-11	-15	-1	-65	40	7	-45	51	-3	80	8	-37	-23	47	-67	141	-8	1	-11	-40	3	-54	-51	-71	
Interconnection		-40	-44	-30	-35	71	38	-15	81	28	111	38	-7	7	77	-37	171	22	31	18	-11	33	-24	-20	-40	
System Total		11281	11067	10877	10736	10417	10434	10067	9951	9773	9676	9803	9701	9978	10084	10314	10142	11090	12065	12856	13485	13622	14118	14261	14382	
SRev ST-Coal		15	15	37	94	162	160	427	424	429	428	447	483	465	451	428	423	115	13	11	10	13	34	25	36	
SRev ST-Oil		62	61	62	62	62	63	63	63	63	60	62	62	61	62	62	62	63	52	18	15	14	15	18	16	16
SRev CCGT-Gas		540	786	964	1087	1194	1230	1219	1251	1340	1349	1405	1487	1325	1421	1284	1437	1048	824	489	588	491	287	365	317	
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		-5	-6	-6	-4	-8	-7	-6	-7	-5	-6	-8	-5	-6	-6	-5	-5	-6	-6	-5	-7	-6	-5	-5	-7	-6
Syncon		627	627	627	627	627	476	627	476	627	626	626	475	625	626	626	626	625	625	474	625	625	625	474	474	625
Hydro		92	66	97	61	100	233	98	229	99	99	98	127	202	230	71	124	83	160	134	231	184	154	98	187	
S.Reserve Total		1331	1549	1781	1927	2137	2155	2428	2436	2553	2556	2630	2780	2522	2783	2466	2667	1929	1668	1272	1311	1321	1110	1126	1023	