

**Availability At Daily Maximum Demand Hour**

ST-Coal	1,980	MW
ST-Gas	0	MW
ST-Oil	80	MW
Gas	4,166	MW
Hydro	1,890	MW
Distillate	60	MW
<b>Total TNB</b>	<b>8,176</b>	<b>MW</b>
<b>Total IPP</b>	<b>10,739</b>	<b>MW</b>
<b>Total Co-Gen</b>	<b>53</b>	<b>MW</b>
<b>System Total</b>	<b>18,968</b>	<b>MW</b>

**Set On Bus, TNB, IPP And MD**

At Daily Maximum Demand Hour : 14:30

TNB Generation	6,438	MW
IPP Generation	8,133	MW
Total Set On Bus	15,488	MW
Maximum Demand	14,750	MW
Spinning Reserve	864	MW
Net Energy	293,843	MWH
Load Factor	83.0	%

**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	10962	10490	10183	10035	9628	9901	9801	10052	10831	12308	13412	13970	14305	13882	14287	14526	14427	14003	12985	13126	13604	13270	12692	12077

**Gas Usage**

Station	(mmscfd)
CBPS	51
GLGR	54
PAKA	94
PGPS	1
SRDG	18
TJGS	186
<b>TNB Total</b>	<b>404</b>
KLPP	89
MPSS	27
PGLA	83
PLPS	55
SGB3	73
SKSP	49
YPGS	34
YPKA	132
<b>IPP Total</b>	<b>542</b>
<b>Total Gas</b>	<b>947</b>
<b>Total Gas Required :</b>	<b>1,023</b>
<b>Gas Calorific Value :</b>	<b>38.500</b>

**Alternate Fuel Usage**

Station	(mmscfd)
PKLG	76
TEWA	1
<b>Total</b>	<b>76</b>

**Generation Mix**

Type	MWh	Percentage
ST-Coal	43,901.00	14.94 %
Gas	53,705.00	18.28 %
Hydro	17,811.00	6.06 %
Distillate	50.00	0.02 %
<b>Total TNB</b>	<b>115,467.0</b>	<b>39.30 %</b>
ST-Coal	92,736.0	31.56 %
ST-Oil	7,367.0	2.51 %
Gas	73,021.0	24.85 %
<b>Total IPP</b>	<b>173,124.0</b>	<b>58.92 %</b>
Co-Gen	1,512.0	0.51 %
<b>Total Co-Gen</b>	<b>1,512.0</b>	<b>0.51 %</b>
<b>Total Generation</b>	<b>290,103.0</b>	<b>98.73 %</b>
PLTG	123.0	0.04 %
HVDC	-3,863.0	-1.31 %
<b>Interconnection</b>	<b>-3,740.0</b>	<b>-1.27 %</b>
<b>Net Energy</b>	<b>293,843.0</b>	<b>100.00 %</b>

**Average SR During Peak Hour**

Type	MW
GT	334
Hydro	160
Syncon	421
Thermal	35
<b>Total</b>	<b>950</b>

**Weather Temperature**

Weather	Temperature
Morning	Sunny 26
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																																
PLPS	GT13	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																															
PLPS	ST18	59	59	59	51	51	51	51	51	51	51	51	51	51	51	51	51	51	51	51	51	51	51	51	51	51																															
SKSP	BLK1	212	216	212	213	221	213	226	216	225	256	277	225	268	268	247	271	295	312	234	343	346	340	339	338	337	340	338	337	333	335	339	336	338	336	337	285	214	246	244	330	337	331	330	318	302	303	305	247								
TJGS	GT1A	158	156	156	157	151	156	165	134	86	89	87	87	87	87	89	90	122	235	221	229	226	228	228	228	228	228	228	227	230	228	232	231	228	220	190	223	228	232	232	228	229	229	232	229	230	230										
TJGS	GT1B	146	149	144	144	138	142	155	124	76	76	76	76	76	76	79	110	223	211	219	216	216	216	216	216	216	216	216	216	217	217	217	217	212	178	211	219	219	219	219	219	219	219	219	219	219	219	219	219								
TJGS	ST1C	208	189	189	189	197	186	190	187	119	119	119	119	119	119	119	249	256	256	256	259	259	259	259	259	259	259	259	259	259	259	259	259	259	259	259	259	259	259	259	259	259	259	259	259	259	259	259	259	259							
TJGS	GT2A	125	126	125	125	126	125	125	125	124	125	125	125	125	125	125	154	188	217	188	188	213	217	215	215	216	217	217	216	217	216	218	188	188	188	188	188	188	189	187	188	187	188	188	188	188	188	188	188	188	188						
TJGS	GT2B	119	119	119	120	117	119	119	120	119	118	119	119	119	119	118	121	120	119	148	214	210	215	215	206	216	213	213	213	214	214	214	214	216	214	216	211	212	212	212	212	213	212	212	214	214	214	215	215	215	216	214	159				
TJGS	ST2C	206	207	207	207	207	207	207	207	207	207	207	207	207	209	250	259	252	253	254	262	262	261	262	262	262	262	261	262	261	261	252	251	251	252	252	252	250	250	250	250	250	250	250	250	250	250	250	250	250	250	250	250				
Total CCGT-Gas		3588	3566	3549	3545	3544	3530	3688	3676	3519	3571	3620	3531	3590	3599	3560	3583	3748	4323	4803	5385	5822	6061	6088	6158	6241	6463	6614	6600	6594	6604	6564	6554	6524	6542	6518	6273	5837	5803	5971	6407	6501	6388	6240	6027	5598	5489	5486	4948								
PGPS	GT3A	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	0	0	0					
SRDG	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	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					
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	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				
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	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			
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	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			
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	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		
BSIA	HY01	12	13	13	13	13	12	13	12	13	13	13	13	13	13	13	13	13	12	21	20	20	20	20	20	20	21	21	21	20	20	20	20	20	20	12	13	12	13	12	13	12	12	12	12	12	12	12	13	12	12	12					
BSIA	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	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			
BSIA	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	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		
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	7	7	7	7	7	7	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	7	7	7	7	7	7	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	7	7	7	7	7	7	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	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	
KNRG	HY02	23	23	22	23	24	23	24	23	24	24	24	24	24	23	23	24	23	39	37	36	37	37	37	37	37	38	38	38	37	37	37	37	37	37	37	37	37	37	37	37	37	37	37	37	37	37	37	37	37	37	37	37	37	37	38	25
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	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
KNYR	HY01	53	61	52	55	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	101	95	91	96	59	99	98	101	97	100	87	87	101	100	97	80	88	96	96	95	96	96	96	101	96	99	89	91	91	92	94	90	-1	-1	-1	-1	-1				
KNYR	HY02	56	66	55	58	74	55	0	0	0	0	0	0	0	0	0	99	89	102	63	103	102	103	103	102	103	91	92	103	103	102	83	101	99	99	97	100	100	103	99	102	92	95	94	95	79	0	0	0	0	0	0	0	0			
KNYR	HY03	58	67	55	58	76	54	101	50	84	82	105	101	101	104	103	59	89	102	59	102	101	102	102	102	102	91	92	101	102	101	86	102	100	100	98	100	100	102	100	102	92	95	94	96	98	94	72	55	55	55	55	55				
KNYR	HY04	56	64	55	58	74	0	0	0	0	0	0	0	0	0	0	26	90	102	60	101	101	101	101	101	101	92	92	102	101	101	85	102	101	100	99	101	101	101	101	101	101	94	96	95	97	99	95	0	0	0	0	0	0	0		
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	20	20	20	20	20	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	20	20	20	20	20	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	4	4	4	4	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	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	HY01	-1	-1	-1	-1	-1	11	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	112	79	110	110	109</																																	

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																										
Total Hydro		612	601	481	496	430	321	245	186	227	223	284	252	269	266	350	441	504	620	634	970	1206	1393	1393	1545	1478	1162	781	980	891	1292	1103	1057	1021	950	913	820	807	844	819	866	805	773	768	780	767	717	605	320		
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	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	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
PCUF	CUFG	19	20	19	19	22	20	20	19	20	18	20	20	20	23	24	24	25	24	25	24	23	23	24	22	24	25	24	23	23	24	23	24	24	24	24	23	23	24	24	25	24	24	25	24	24	25	24	23	25	
PCUF	CUFK	39	38	38	37	37	37	36	37	36	36	37	37	37	37	36	36	38	37	36	35	34	35	34	33	31	31	31	30	31	30	29	30	31	30	29	30	32	32	31	32	33	33	34	33	34	33	34	34	34	34
Total Co-Gen		58	58	57	56	59	57	56	56	54	57	57	57	60	60	60	63	61	61	59	57	58	57	57	53	55	56	54	54	53	53	53	55	53	53	54	56	55	54	56	57	58	58	57	59	58	57	59			
Total Gen		10765	10595	10287	10110	9899	9749	9673	9530	9328	9385	9505	9386	9370	9475	9744	9941	10567	11488	11987	12625	13298	13725	13880	14102	14120	14042	13814	14007	14111	14624	14391	14358	14307	14129	13884	13352	12908	12913	13068	13561	13596	13447	13289	13097	12653	12498	12400	11560		
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	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		-195	-295	-293	-292	-293	-295	-293	-293	-293	-295	-292	-294	-293	-293	-292	-294	-98	-98	-98	-99	-99	-98	-98	-98	-98	-98	-98	-98	-98	-98	-98	-28	-28	-28	-29	-29	-29	-29	-29	-29	-29	-29	-30	-195						
TIE-PLTG		-2	32	90	133	9	77	-69	-10	-7	13	-103	-75	-139	-52	-15	-10	28	-106	-27	-133	-16	-1	9	-43	-87	50	30	-77	-78	-28	-36	28	-22	-48	-21	25	21	-7	-30	-45	21	40	48	15	-10	12	356	-87		
Interconnection		-197	-263	-203	-159	-284	-218	-362	-305	-300	-280	-396	-370	-431	-346	-308	-303	-264	-400	-321	-231	-114	-99	-90	-142	-185	-48	-68	-175	-176	-126	-135	-70	-120	-146	-119	-73	-77	-35	-58	-73	-8	11	19	-14	-39	-17	326	-282		
<b>System Total</b>		<b>10962</b>	<b>10858</b>	<b>10490</b>	<b>10269</b>	<b>10183</b>	<b>9967</b>	<b>10035</b>	<b>9835</b>	<b>9628</b>	<b>9665</b>	<b>9901</b>	<b>9756</b>	<b>9801</b>	<b>9821</b>	<b>10052</b>	<b>10244</b>	<b>10831</b>	<b>11888</b>	<b>12308</b>	<b>12856</b>	<b>13412</b>	<b>13824</b>	<b>13970</b>	<b>14244</b>	<b>14305</b>	<b>14090</b>	<b>13882</b>	<b>14182</b>	<b>14287</b>	<b>14750</b>	<b>14526</b>	<b>14428</b>	<b>14427</b>	<b>14275</b>	<b>14003</b>	<b>13425</b>	<b>12985</b>	<b>12948</b>	<b>13126</b>	<b>13634</b>	<b>13604</b>	<b>13436</b>	<b>13270</b>	<b>13111</b>	<b>12692</b>	<b>12515</b>	<b>12074</b>	<b>11842</b>		
SRev ST-Coal		27	169	205	298	395	404	422	426	443	445	446	441	441	438	438	430	215	56	52	54	53	52	52	49	34	33	24	29	35	27	32	30	38	40	61	58	55	42	34	33	38	43	33	37	33	15	34			
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	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		11	6	56	57	57	57	57	57	57	57	57	57	57	57	56	56	5	4	0	-1	-1	0	0	-1	-1	-1	-1	0	0	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-2	-2	-2	
SRev CCGT-Gas		1032	1054	1071	1075	1076	1090	1112	1204	1361	1309	1260	1349	1290	1281	1320	1297	1132	682	892	645	323	294	322	562	479	257	166	180	186	176	156	166	196	178	202	447	883	917	749	313	219	332	270	483	912	661	564	1102		
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	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	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	0	0
Syncon		625	625	625	625	731	580	731	731	731	731	731	731	731	625	474	625	625	625	474	474	323	323	151	151	388	625	474	474	323	474	625	625	625	625	625	625	625	625	625	625	625	474	625	625	625	474	257	645		
Hydro		288	249	369	354	214	369	89	148	107	111	50	82	65	68	90	360	146	105	266	81	200	164	164	184	251	245	119	71	160	265	303	198	234	95	132	118	131	94	119	47	259	140	145	133	146	242	335	150		
<b>S.Reserve Total</b>		<b>1983</b>	<b>2103</b>	<b>2326</b>	<b>2409</b>	<b>2473</b>	<b>2500</b>	<b>2411</b>	<b>2566</b>	<b>2699</b>	<b>2653</b>	<b>2544</b>	<b>2660</b>	<b>2584</b>	<b>2575</b>	<b>2530</b>	<b>2617</b>	<b>2174</b>	<b>1473</b>	<b>1839</b>	<b>1254</b>	<b>1049</b>	<b>833</b>	<b>862</b>	<b>950</b>	<b>928</b>	<b>923</b>	<b>942</b>	<b>747</b>	<b>863</b>	<b>864</b>	<b>1037</b>	<b>1070</b>	<b>1123</b>	<b>959</b>	<b>1074</b>	<b>1250</b>	<b>1696</b>	<b>1690</b>	<b>1534</b>	<b>1018</b>	<b>984</b>	<b>1134</b>	<b>1082</b>	<b>1273</b>	<b>1719</b>	<b>1408</b>	<b>1169</b>	<b>1929</b>		