

**Availability At Daily Maximum Demand Hour**

ST-Coal	1,290	MW
ST-Gas	155	MW
ST-Oil	0	MW
Gas	3,656	MW
Hydro	1,871	MW
Distillate	60	MW
<b>Total TNB</b>	<b>7,032</b>	<b>MW</b>
<b>Total IPP</b>	<b>9,553</b>	<b>MW</b>
<b>Total Co-Gen</b>	<b>74</b>	<b>MW</b>
<b>System Total</b>	<b>17,224</b>	<b>MW</b>

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

At Daily Maximum Demand Hour : 20:00	
TNB Generation	4,087 MW
IPP Generation	6,592 MW
Total Set On Bus	11,750 MW
Maximum Demand	10,854 MW
Spinning Reserve	997 MW
Net Energy	223,720 MWH
Load Factor	85.9 %

**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	10627	10162	9703	9433	9198	9013	9041	8693	8317	8298	8639	8965	9050	9054	9095	9238	9229	9245	9258	10003	10854	10759	10625	10430

**Gas Usage**

Station	(mmscfd)
CBPS	50
GLGR	46
PAKA	118
SRDG	7
TJGS	85
<b>TNB Total</b>	<b>306</b>
KLPP	72
MPSS	28
PGLA	51
PLPS	85
SGB3	46
YPGS	29
YPKA	121
<b>IPP Total</b>	<b>433</b>
<b>Total Gas</b>	<b>739</b>
<b>Total Gas Required :</b>	<b>739</b>
<b>Gas Calorific Value :</b>	<b>38.500</b>

**Generation Mix**

Type	MWh	Percentage
ST-Coal	36,614.00	16.37 %
Gas	40,594.00	18.15 %
Hydro	8,013.00	3.58 %
<b>Total TNB</b>	<b>85,221.0</b>	<b>38.09 %</b>
ST-Coal	78,218.0	34.96 %
Gas	57,705.0	25.79 %
Distillate	156.0	0.07 %
<b>Total IPP</b>	<b>136,079.0</b>	<b>60.83 %</b>
Co-Gen	2,109.0	0.94 %
<b>Total Co-Gen</b>	<b>2,109.0</b>	<b>0.94 %</b>
<b>Total Generation</b>	<b>223,409.0</b>	<b>99.86 %</b>
PLTG	386.0	0.17 %
HVDC	-697.0	-0.31 %
<b>Interconnection</b>	<b>-311.0</b>	<b>-0.14 %</b>
<b>Net Energy</b>	<b>223,720.0</b>	<b>100.00 %</b>

**Average SR During Peak Hour**

Type	MW
GT	791
Hydro	102
Syncon	671
Thermal	269
<b>Total</b>	<b>1834</b>

**Weather Temperature**

Weather	Temperature
Morning	Sunny 27
Afternoon	Rainy 28



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	
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
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
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
BSIA	HY02	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11
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	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
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
KNRG	HY02	23	24	23	23	23	24	23	23	23	22	23	23	22	23	24	23	23	24	24	24	23	24	24	25	25
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	-1
KNYR	HY03	93	93	59	59	96	96	62	62	53	53	79	79	88	88	65	65	46	46	79	79	59	59	91	91	
LPIA	HY01	23	17	20	20	20	20	20	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17
MNOR	HY01	4	4	4	4	4	3	1	1	1	1	1	1	1	1	1	2	2	2	3	3	3	3	4	4	4
PGAU	HY01	15	-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	-1
PGAU	HY03	-1	-1	-1	-1	-1	-1	105	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1
PGAU	HY04	16	-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	50	50	50	50	49	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SIHY	HY02	50	50	50	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SIHY	HY03	50	50	50	50	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SYPS	HY01	25	25	25	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	25	25	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	25	25	25	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SYPS	HY04	25	25	25	25	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	-1
TMGR	HY02	38	39	37	38	38	42	62	37	37	41	34	41	57	46	36	33	36	38	32	40	39	47	40	36	41
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	-1
UPIA	HY01	4	4	4	4	4	4	4	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
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	4
Total Hydro		497	460	426	327	263	218	204	284	167	164	182	191	237	226	181	167	152	154	180	190	219	254	248	244	236
PCUF	CUFG	50	49	48	50	50	51	50	50	51	51	54	53	53	53	51	52	53	52	51	53	51	51	51	50	49
PCUF	CUFK	36	34	35	35	34	35	36	34	32	32	33	33	34	35	35	36	36	37	37	35	33	31	31	30	30
Total Co-Gen		86	83	83	85	84	86	86	84	83	83	87	86	87	88	86	88	89	89	88	88	84	82	82	80	79
Total Gen		10658	10371	10090	9885	9649	9580	9221	9284	9163	9151	9030	8999	9037	8962	8836	8407	8307	8285	8389	8515	8655	8855	9016	9022	9078
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		-29	-29	-29	-29	-29	-29	-29	-29	-29	-29	-29	-29	-29	-29	-29	-29	-29	-29	-29	-29	-29	-29	-29	-29	-29
TIE-PLTG		60	-37	-43	22	-25	-63	-183	39	-6	-16	46	-64	25	-45	172	92	18	104	120	50	46	-13	80	42	
Interconnection		31	-66	-72	-7	-54	-92	-212	10	-35	-45	17	-93	-4	-74	143	64	-10	75	91	20	16	-42	51	13	
System Total		10627	10437	10162	9892	9703	9672	9433	9274	9198	9196	9013	9092	9041	9036	8693	8343	8317	8210	8298	8495	8639	8897	8965	9009	9050
SRev ST-Coal		39	190	297	411	422	435	455	453	456	452	451	474	474	477	492	488	488	488	535	594	594	570	553	484	473
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 CCGT-Gas		761	857	997	985	1016	933	1177	1175	1182	1191	1189	1180	1187	1181	1195	1229	1187	1290	1212	1244	1124	1076	1130	1203	1154
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

*Daily MW Generation On Sunday*
*06-Nov-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 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						
Syncon		575	877	877	877	877	877	726	877	877	877	877	726	726	877	877	877	877	726	726	877	877	877	877	726	726	877	877	101	539	539	726	726	877	877	877	726	726	726										
Hydro		359	94	128	127	91	86	100	171	137	135	117	108	213	224	269	132	147	145	119	109	130	246	96	100	133	138	232	236	122	82	102	109	128	130	236	104	115	473	208	168	118	121	118	120	83	208	129	133
<b>S.Reserve Total</b>		<b>1734</b>	<b>2018</b>	<b>2299</b>	<b>2400</b>	<b>2406</b>	<b>2331</b>	<b>2609</b>	<b>2525</b>	<b>2652</b>	<b>2660</b>	<b>2639</b>	<b>2644</b>	<b>2605</b>	<b>2613</b>	<b>2687</b>	<b>2731</b>	<b>2704</b>	<b>2805</b>	<b>2748</b>	<b>2829</b>	<b>2730</b>	<b>2623</b>	<b>2656</b>	<b>2664</b>	<b>2637</b>	<b>2847</b>	<b>2839</b>	<b>2846</b>	<b>2876</b>	<b>2824</b>	<b>2870</b>	<b>2869</b>	<b>2893</b>	<b>2929</b>	<b>2820</b>	<b>2943</b>	<b>2933</b>	<b>2108</b>	<b>1460</b>	<b>979</b>	<b>997</b>	<b>1095</b>	<b>1187</b>	<b>1279</b>	<b>1294</b>	<b>1399</b>	<b>1277</b>	<b>1611</b>