

**Availability At Daily Maximum Demand Hour**

ST-Coal	1,980	MW
ST-Gas	0	MW
ST-Oil	150	MW
Gas	4,126	MW
Hydro	1,914	MW
Distillate	60	MW
<b>Total TNB</b>	<b>8,230</b>	<b>MW</b>
<b>Total IPP</b>	<b>10,852</b>	<b>MW</b>
<b>Total Co-Gen</b>	<b>84</b>	<b>MW</b>
<b>System Total</b>	<b>19,166</b>	<b>MW</b>

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

At Daily Maximum Demand Hour : 20:00	
TNB Generation	5,525 MW
IPP Generation	6,328 MW
Total Set On Bus	12,823 MW
Maximum Demand	11,911 MW
Spinning Reserve	886 MW
Net Energy	260,631 MWH
Load Factor	91.2 %

**Maximum Demand Record**

<b>Date :</b>	09/05/2011	15,476.0 MW
<b>Date :</b>	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	11473	10868	10630	10202	10001	9702	9666	9653	9539	10177	10989	11567	11531	11376	11410	11425	11247	11006	10767	10901	11911	11815	11439	11189

**Gas Usage**

Station	(mmscfd)
GLGR	59
PAKA	57
PGPS	42
SRDG	1
TJGS	215
<b>TNB Total</b>	<b>374</b>
KLPP	120
PGLA	116
PKLG	8
PLPS	100
SGB3	35
SKSP	50
YPGS	68
YPKA	34
<b>IPP Total</b>	<b>531</b>
<b>Total Gas</b>	<b>905</b>
<b>Total Gas Required :</b>	<b>905</b>
<b>Gas Calorific Value :</b>	<b>38.500</b>

**Generation Mix**

Type	MWh	Percentage
ST-Coal	46,087.00	17.68 %
Gas	52,426.00	20.12 %
Hydro	20,972.00	8.05 %
<b>Total TNB</b>	<b>119,485.0</b>	<b>45.84 %</b>
ST-Coal	67,404.0	25.86 %
ST-Gas	724.0	0.28 %
Gas	71,312.0	27.36 %
<b>Total IPP</b>	<b>139,440.0</b>	<b>53.50 %</b>
Co-Gen	2,219.0	0.85 %
<b>Total Co-Gen</b>	<b>2,219.0</b>	<b>0.85 %</b>
<b>Total Generation</b>	<b>261,144.0</b>	<b>100.20 %</b>
PLTG	-208.0	-0.08 %
HVDC	721.0	0.28 %
<b>Interconnection</b>	<b>513.0</b>	<b>0.20 %</b>
<b>Net Energy</b>	<b>260,631.0</b>	<b>100.00 %</b>

**Average SR During Peak Hour**

Type	MW
GT	131
Hydro	140
Syncon	391
Thermal	83
<b>Total</b>	<b>746</b>

**Weather Temperature**

	Weather	Temperature
Morning	Sunny	28
Afternoon	Hot	32





### Daily MW Generation On Saturday

21-Jan-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																											
TIE-PLTG		-103	-70	-119	-8	-173	-113	47	34	-50	-84	117	21	-15	-32	11	15	-13	-35	-10	-65	-2	-11	-24	-32	46	-44	-59	6	-5	0	20	-38	-22	33	24	15	33	-6	16	-40	-4	-1	-22	-21	-27	-35	-57	1			
Interconnection		-73	-40	-88	23	-142	-82	77	64	-20	-54	147	51	15	-2	41	45	17	-5	19	-36	28	19	6	-2	76	-14	-29	36	25	30	51	-7	9	64	53	44	63	24	47	-10	26	29	8	9	3	-5	-28	30			
<b>System Total</b>		11473	11212	10868	10786	10630	10484	10202	10143	10001	9948	9702	9705	9666	9746	9653	9618	9539	9935	10177	10644	10989	11262	11567	11608	11531	11371	11376	11291	11410	11428	11425	11389	11247	11170	11006	10896	10767	10825	10901	11814	11911	11799	11815	11633	11439	11379	11189	11197			
SRev ST-Coal		413	394	347	350	374	348	400	399	473	474	487	426	453	436	426	426	427	422	422	352	178	29	21	4	61	55	48	48	58	53	64	51	46	38	10	142	95	163	137	60	53	65	112	114	135	127	235	236			
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	0	
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	0	0	0	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		391	252	487	340	357	230	268	332	388	211	135	259	261	181	121	247	318	191	90	64	72	66	179	144	168	110	119	120	118	127	143	124	181	251	421	370	567	561	505	257	172	283	230	301	309	399	355	179			
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	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	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	0
Syncon		625	625	625	625	625	625	625	625	625	625	625	625	625	625	625	625	625	625	625	625	625	625	625	625	625	625	625	625	625	625	625	625	625	625	625	625	625	625	625	625	625	625	625	625	625	625	625	625	625	625	
Hydro		145	77	77	75	77	75	82	80	74	74	86	81	78	74	78	210	78	97	128	226	213	215	134	182	223	207	201	71	104	76	58	73	65	147	149	79	132	134	90	271	268	284	270	292	217	223	229	233			
<b>S.Reserve Total</b>		1574	1348	1536	1390	1433	1278	1375	1436	1560	1384	1333	1391	1417	1316	1250	1357	1448	1189	1120	971	790	799	848	851	926	997	993	1015	905	881	890	873	917	910	1054	1216	1333	1397	1357	911	886	996	975	1030	984	1072	1142	820			