

**Availability At Daily Maximum Demand Hour**

ST-Coal	2,070	MW
ST-Gas	0	MW
ST-Oil	70	MW
Gas	3,984	MW
Hydro	1,815	MW
Distillate	0	MW
<b>Total TNB</b>	<b>7,939</b>	<b>MW</b>
<b>Total IPP</b>	<b>10,217</b>	<b>MW</b>
<b>Total Co-Gen</b>	<b>74</b>	<b>MW</b>
<b>System Total</b>	<b>18,230</b>	<b>MW</b>

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

At Daily Maximum Demand Hour : 20:00	
TNB Generation	5,270 MW
IPP Generation	7,945 MW
Total Set On Bus	14,341 MW
Maximum Demand	13,412 MW
Spinning Reserve	1,052 MW
Net Energy	294,513 MWH
Load Factor	91.5 %

**Maximum Demand Record**

<b>Date :</b>	16/04/2013	16,356.0MW
<b>Date :</b>	16/04/2013	338,800.0MWH

**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	12623	12242	11717	11316	11156	10991	10901	10702	10443	11655	12427	13081	13115	12993	13247	13102	13032	12686	12280	12282	13412	13331	12967	12774

**Gas Usage**

Station	(mmscfd)
CBPS	57
GLGR	53
PAKA	97
PGPS	51
SRDG	3
TJGS	105
<b>TNB Total</b>	<b>367</b>
KLPP	102
PGLA	76
PKLG	76
PLPS	95
SGRI	214
SKSP	52
YPGS	69
YPKA	69
<b>IPP Total</b>	<b>753</b>
<b>Total Gas</b>	<b>1,119</b>
<b>Total Gas Required :</b>	<b>1,119</b>
<b>Gas Calorific Value :</b>	<b>38.500</b>

**Generation Mix**

Type	MWh	Percentage
ST-Coal	49,453.00	16.79 %
Gas	46,654.00	15.84 %
Hydro	11,085.00	3.76 %
<b>Total TNB</b>	<b>107,192.0</b>	<b>36.40 %</b>
ST-Coal	85,513.0	29.04 %
ST-Gas	7,275.0	2.47 %
Gas	88,453.0	30.03 %
<b>Total IPP</b>	<b>181,241.0</b>	<b>61.54 %</b>
Co-Gen	2,047.0	0.70 %
<b>Total Co-Gen</b>	<b>2,047.0</b>	<b>0.70 %</b>
<b>Total Generation</b>	<b>290,480.0</b>	<b>98.63 %</b>
PLTG	-4,763.0	-1.62 %
HVDC	730.0	0.25 %
<b>Interconnection</b>	<b>-4,033.0</b>	<b>-1.37 %</b>
<b>Net Energy</b>	<b>294,513.0</b>	<b>100.00 %</b>

**Average SR During Peak Hour**

Type	MW
GT	233
Hydro	131
Syncon	476
Thermal	65
<b>Total</b>	<b>904</b>

**Weather Temperature**

	Weather	Temperature
Morning	Sunny	25
Afternoon	Hot	35





### Daily MW Generation On Saturday

04-May-2013

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																											
Interconnection	-126	-124	-149	-301	-157	-200	-174	-199	-234	-141	-223	-174	-154	-203	-62	-2	-156	-215	-146	-141	-163	-169	-118	-201	-149	-126	-200	-141	-231	-197	-135	-183	-153	-105	-119	-204	-88	-147	-163	-326	-123	-171	-155	-132	-142	-180	-110	-127			
System Total	12623	12429	12242	12107	11717	11619	11316	11387	11156	10841	10991	10836	10901	10977	10702	10355	10443	11145	11655	12180	12427	12770	13081	13248	13115	13019	12993	13005	13247	13309	13102	13101	13032	12944	12686	12451	12280	12174	12282	13246	13412	13339	13331	13140	12967	12738	12774	12493			
SRev ST-Coal	51	33	33	39	32	40	27	26	17	21	21	23	27	28	26	155	157	38	9	29	14	16	9	12	16	15	13	21	19	13	12	10	15	14	16	8	14	21	10	10	11	14	10	11	34	16	14	30			
SRev ST-Gas	75	73	73	73	73	73	73	73	73	73	73	73	73	73	73	73	73	73	73	73	73	73	73	73	73	73	73	73	73	73	73	73	73	73	73	73	73	73	73	73	72	17	10	34	82	76	72	72			
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	
SRev CCGT-Gas	369	394	624	684	868	1009	1289	1265	1520	1739	1637	1728	1664	1625	1745	1825	1916	1305	864	437	397	204	155	141	301	238	370	261	196	203	312	369	401	439	691	840	890	956	912	209	233	239	165	112	124	337	301	365			
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 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	474	625	625	474	625	625	625	625	625	625	625	625	474	625	625	625	625	625	625	625	474	625	625	625	625	625	625	625	625	625	625	625	625	625	625	625	625	474	625	625	388	474	625	625	625	625	625	474	474		
Hydro	295	107	92	209	125	115	124	104	125	127	158	167	293	159	178	149	123	79	113	207	111	223	107	123	137	172	152	175	89	220	133	128	132	135	147	131	276	217	179	284	203	130	97	143	112	104	138	178			
S.Reserve Total	1369	1337	1552	1584	1828	1967	2243	2198	2465	2690	2619	2721	2636	2615	2752	2932	2999	2225	1789	1325	1325	990	969	974	1152	1123	1233	1155	1002	983	1155	1205	1246	1286	1552	1677	1727	1892	1799	964	1052	1054	915	950	1002	1158	999	1119			