

**Availability At Daily Maximum Demand Hour**

ST-Coal	2,070	MW
ST-Gas	0	MW
ST-Oil	140	MW
Gas	4,021	MW
Hydro	1,833	MW
Distillate	0	MW
<b>Total TNB</b>	<b>8,064</b>	<b>MW</b>
<b>Total IPP</b>	<b>10,109</b>	<b>MW</b>
<b>Total Co-Gen</b>	<b>48</b>	<b>MW</b>
<b>System Total</b>	<b>18,501</b>	<b>MW</b>

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

At Daily Maximum Demand Hour : 14:30		
TNB Generation	5,670	MW
IPP Generation	7,892	MW
Total Set On Bus	14,522	MW
Maximum Demand	13,619	MW
Spinning Reserve	912	MW
Net Energy	292,573	MWH
Load Factor	89.5	%

**Maximum Demand Record**

Date :	20/06/2012	15,826.0 MW
Date :	20/06/2012	328,716.0 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	11978	11354	10869	10521	10378	10267	10304	10464	10785	12045	12820	13449	13480	13273	13484	13479	13400	13065	12523	12670	13353	13078	12592	12179

**Gas Usage**

Station	(mmscfd)
CBPS	47
GLGR	54
PAKA	111
PGPS	26
SRDG	9
TJGS	205
<b>TNB Total</b>	<b>452</b>
KLPP	94
MPSS	51
PGLA	68
PLPS	75
SGB3	73
SGRI	33
SKSP	53
YPKA	138
<b>IPP Total</b>	<b>585</b>
<b>Total Gas</b>	<b>1,037</b>
<b>Total Gas Required :</b>	<b>1,037</b>
<b>Gas Calorific Value :</b>	<b>38.500</b>

**Generation Mix**

Type	MWh	Percentage
ST-Coal	49,061.00	16.77 %
Gas	59,661.00	20.39 %
Hydro	9,336.00	3.19 %
<b>Total TNB</b>	<b>118,058.0</b>	<b>40.35 %</b>
ST-Coal	96,629.0	33.03 %
ST-Oil	128.0	0.04 %
Gas	75,838.0	25.92 %
<b>Total IPP</b>	<b>172,595.0</b>	<b>58.99 %</b>
Co-Gen	1,363.0	0.47 %
<b>Total Co-Gen</b>	<b>1,363.0</b>	<b>0.47 %</b>
<b>Total Generation</b>	<b>292,016.0</b>	<b>99.81 %</b>
PLTG	144.0	0.05 %
HVDC	-701.0	-0.24 %
<b>Interconnection</b>	<b>-557.0</b>	<b>-0.19 %</b>
<b>Net Energy</b>	<b>292,573.0</b>	<b>100.00 %</b>

**Average SR During Peak Hour**

Type	MW
GT	420
Hydro	187
Syncon	464
Thermal	15
<b>Total</b>	<b>1087</b>

	Weather	Temperature
Morning	Sunny	28
Afternoon	Hot	32





### Daily MW Generation On Tuesday

11-Dec-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																											
Interconnection		-106	-27	-93	-74	-93	-96	-82	-83	-81	-86	-62	-12	14	20	19	-24	-18	-37	-13	-69	9	13	-16	19	33	-31	-35	-6	-134	-9	73	-96	-37	-51	35	73	13	52	-72	-50	-93	-50	41	99	-6	-106	103	-24			
System Total		11977	11495	11353	11131	10868	10803	10520	10456	10377	10398	10266	10390	10303	10475	10463	10645	10784	11464	12044	12616	12819	13234	13448	13577	13479	13323	13272	13324	13483	13618	13478	13466	13399	13448	13064	12729	12522	12360	12669	13365	13352	13307	13077	12779	12591	12655	12178	12051			
SRev ST-Coal		19	24	23	109	184	290	295	341	330	374	378	338	336	269	231	363	350	40	40	36	39	36	13	11	20	6	17	16	13	10	26	11	9	21	13	8	18	25	-4	15	1	15	-1	6	7	7	29	9			
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		1081	1215	1432	1533	1617	1519	1612	1564	1512	1551	1585	1451	1566	1483	1532	1556	1719	1650	1284	954	849	551	508	385	437	578	622	389	245	191	212	302	370	291	409	634	804	884	715	244	266	267	377	535	621	485	665	970			
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	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		575	726	726	726	726	575	575	726	726	575	726	726	726	575	726	726	726	726	726	726	575	726	475	475	475	475	475	475	475	626	626	726	576	576	575	726	726	575	726	575	424	575	726	726	575	726	727				
Hydro		234	105	100	115	95	214	231	92	98	230	104	106	111	243	115	111	109	95	93	89	145	288	114	75	96	189	188	119	191	93	108	112	104	94	239	112	180	215	79	260	162	297	192	115	113	216	133	100			
S.Reserve Total		1909	2070	2281	2483	2622	2598	2713	2723	2666	2730	2793	2621	2739	2570	2604	2756	2904	2511	2143	1805	1759	1450	1361	946	1028	1248	1302	999	924	913	971	1203	1110	1076	1237	1509	1728	1699	1516	1094	1004	1003	1143	1382	1467	1283	1553	1806			