

**Availability At Daily Maximum Demand Hour**

ST-Coal	1,380	MW
ST-Gas	0	MW
ST-Oil	0	MW
Gas	3,391	MW
Hydro	1,689	MW
Distillate	700	MW
<b>Total TNB</b>	<b>7,160</b>	<b>MW</b>
<b>Total IPP</b>	<b>12,179</b>	<b>MW</b>
<b>Total Co-Gen</b>	<b>73</b>	<b>MW</b>
<b>System Total</b>	<b>19,412</b>	<b>MW</b>

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

At Daily Maximum Demand Hour : 16:00

TNB Generation	5,174	MW
IPP Generation	10,348	MW
Total Set On Bus	16,558	MW
Maximum Demand	15,662	MW
Spinning Reserve	963	MW
Net Energy	328,032	MWH
Load Factor	87.3	%

**Maximum Demand Record**

Date :	16/05/2012	15,723.0 MW
Date :	13/06/2012	328,126.0 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	13352	12670	12244	11658	11499	11479	11438	11279	11712	13527	14317	15088	15092	14785	15331	15563	15662	15304	14094	13718	14844	14802	14352	13934

**Gas Usage**

Station	(mmscfd)
CBPS	57
GLGR	1
PAKA	80
PGPS	49
SRDG	11
TJGS	148
<b>TNB Total</b>	<b>346</b>
KLPP	93
MPSS	57
PGLA	92
PLPS	106
SGB3	70
SGRI	117
SKSP	56
YPGS	34
YPKA	126
<b>IPP Total</b>	<b>751</b>
<b>Total Gas</b>	<b>1,097</b>

Total Gas Required : 1,228

Gas Calorific Value : 38.500

**Alternate Fuel Usage**

Station	(mmscfd)
PKLG	72
SGB3	14
TJGS	45
<b>Total</b>	<b>131</b>

**Generation Mix**

Type	MWh	Percentage
ST-Coal	33,121.00	10.10 %
Gas	45,736.00	13.94 %
Hydro	14,712.00	4.48 %
Distillate	6,409.00	1.95 %
<b>Total TNB</b>	<b>99,978.0</b>	<b>30.48 %</b>
ST-Coal	118,462.0	36.11 %
ST-Oil	7,083.0	2.16 %
Gas	97,996.0	29.87 %
Distillate	1,725.0	0.53 %
<b>Total IPP</b>	<b>225,266.0</b>	<b>68.67 %</b>
Co-Gen	1,965.0	0.60 %
<b>Total Co-Gen</b>	<b>1,965.0</b>	<b>0.60 %</b>
<b>Total Generation</b>	<b>327,209.0</b>	<b>99.75 %</b>
PLTG	-125.0	-0.04 %
HVDC	-698.0	-0.21 %
<b>Interconnection</b>	<b>-823.0</b>	<b>-0.25 %</b>
<b>Net Energy</b>	<b>328,032.0</b>	<b>100.00 %</b>

**Average SR During Peak Hour**

Type	MW
GT	356
Hydro	172
Syncon	403
Thermal	45
<b>Total</b>	<b>976</b>

	Weather	Temperature
Morning	Sunny	28
Afternoon	Hot	33





### Daily MW Generation On Thursday

14-Jun-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
TJGS	GT2A	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TJGS	GT2B	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TJGS	ST2C	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<b>Total Distillate</b>		<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
PCUF	CUFG	49	49	49	49	50	49	50	50	49	50	50	49	51	50	50	49	49	49	48	46	46	46	46	46
PCUF	CUFK	29	30	32	33	30	31	31	31	30	30	32	30	29	33	33	31	29	26	28	26	26	27	25	23
<b>Total Co-Gen</b>		<b>78</b>	<b>79</b>	<b>81</b>	<b>82</b>	<b>80</b>	<b>80</b>	<b>81</b>	<b>81</b>	<b>80</b>	<b>79</b>	<b>80</b>	<b>82</b>	<b>80</b>	<b>80</b>	<b>78</b>	<b>84</b>	<b>83</b>	<b>81</b>	<b>78</b>	<b>75</b>	<b>77</b>	<b>75</b>	<b>74</b>	<b>73</b>
<b>Total Gen</b>		<b>13389</b>	<b>12829</b>	<b>12577</b>	<b>12379</b>	<b>12161</b>	<b>11947</b>	<b>11683</b>	<b>11612</b>	<b>11458</b>	<b>11297</b>	<b>11379</b>	<b>11327</b>	<b>11400</b>	<b>11571</b>	<b>11319</b>	<b>11252</b>	<b>11795</b>	<b>12696</b>	<b>13531</b>	<b>14115</b>	<b>14306</b>	<b>14823</b>	<b>15071</b>	<b>15275</b>
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
TIE-HVDC		-29	-29	-29	-29	-29	-30	-30	-28	-28	-29	-29	-29	-29	-30	-29	-29	-29	-29	-29	-29	-29	-28	-28	-30
TIE-PLTG		66	3	-64	-7	-54	9	55	52	-13	-59	-71	23	-9	-13	69	-13	112	27	33	7	19	17	12	-42
<b>Interconnection</b>		<b>37</b>	<b>-26</b>	<b>-93</b>	<b>-36</b>	<b>-83</b>	<b>-20</b>	<b>25</b>	<b>22</b>	<b>-41</b>	<b>-87</b>	<b>-100</b>	<b>-6</b>	<b>-38</b>	<b>-42</b>	<b>40</b>	<b>-42</b>	<b>83</b>	<b>-3</b>	<b>4</b>	<b>-22</b>	<b>-11</b>	<b>-13</b>	<b>-17</b>	<b>-71</b>
<b>System Total</b>		<b>13352</b>	<b>12855</b>	<b>12670</b>	<b>12415</b>	<b>12244</b>	<b>11967</b>	<b>11658</b>	<b>11590</b>	<b>11499</b>	<b>11384</b>	<b>11479</b>	<b>11333</b>	<b>11438</b>	<b>11613</b>	<b>11279</b>	<b>11294</b>	<b>11712</b>	<b>12699</b>	<b>13527</b>	<b>14137</b>	<b>14317</b>	<b>14836</b>	<b>15088</b>	<b>15346</b>
SRev ST-Coal		36	47	65	55	43	54	47	61	51	60	58	65	54	57	64	58	52	57	56	52	48	68	39	49
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
SRev ST-Oil		3	7	43	37	34	32	32	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
SRev CCGT-Gas		510	807	420	313	341	427	606	771	864	1041	1179	1215	1212	1038	1140	1443	1584	1063	624	616	486	349	325	230
SRev OCGT-Gas		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	51	89	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	14	14	14
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
Syncon		625	625	474	625	474	625	625	539	625	625	539	539	539	474	625	625	625	625	625	474	474	302	453	453
Hydro		159	128	238	135	218	134	180	130	114	89	98	109	48	48	334	189	197	90	197	141	249	236	364	173
<b>S.Reserve Total</b>		<b>1338</b>	<b>1619</b>	<b>1245</b>	<b>1170</b>	<b>1115</b>	<b>1277</b>	<b>1495</b>	<b>1508</b>	<b>1661</b>	<b>1821</b>	<b>1880</b>	<b>1934</b>	<b>1859</b>	<b>1688</b>	<b>2018</b>	<b>2321</b>	<b>2464</b>	<b>1841</b>	<b>1508</b>	<b>1491</b>	<b>1352</b>	<b>1133</b>	<b>1036</b>	<b>911</b>