

**Availability At Daily Maximum Demand Hour**

ST-Coal	1,380 MW
ST-Gas	0 MW
ST-Oil	150 MW
Gas	4,396 MW
Hydro	1,744 MW
Distillate	0 MW
<b>Total TNB</b>	<b>7,670 MW</b>
<b>Total IPP</b>	<b>11,872 MW</b>
<b>Total Co-Gen</b>	<b>48 MW</b>
<b>System Total</b>	<b>19,590 MW</b>

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

At Daily Maximum Demand Hour : 14:30

TNB Generation	5,142 MW
IPP Generation	9,929 MW
Total Set On Bus	16,059 MW
Maximum Demand	15,175 MW
Spinning Reserve	940 MW
Net Energy	311,997 MWH
Load Factor	85.7 %

**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	12101	11399	11030	10750	10495	10540	10646	10761	11200	13166	14050	14714	14612	14423	14925	15081	15104	14549	13598	13234	13854	14106	13865	13363

**Gas Usage**

Station	(mmscfd)
CBPS	41
GLGR	56
PAKA	30
PGPS	50
SRDG	10
TJGS	210
<b>TNB Total</b>	<b>397</b>
KLPP	83
MPSS	54
PGLA	91
PLPS	94
SGB3	82
SGRI	59
SKSP	52
YPGS	34
YPKA	98
<b>IPP Total</b>	<b>647</b>
<b>Total Gas</b>	<b>1,044</b>

Total Gas Required : 1,188  
Gas Calorific Value : 38,500

**Alternate Fuel Usage**

Station	(mmscfd)
PGPS	12
PKLG	132
<b>Total</b>	<b>144</b>

**Generation Mix**

Type	MWh	Percentage
ST-Coal	33,042.00	10.59 %
ST-Gas	34.00	0.01 %
ST-Oil	1,127.00	0.36 %
Gas	52,789.00	16.92 %
Hydro	8,974.00	2.88 %
<b>Total TNB</b>	<b>95,966.0</b>	<b>30.76 %</b>
ST-Coal	117,946.0	37.80 %
ST-Oil	12,940.0	4.15 %
Gas	84,278.0	27.01 %
<b>Total IPP</b>	<b>215,164.0</b>	<b>68.96 %</b>
Co-Gen	1,326.0	0.43 %
<b>Total Co-Gen</b>	<b>1,326.0</b>	<b>0.43 %</b>
<b>Total Generation</b>	<b>312,456.0</b>	<b>100.15 %</b>
PLTG	-209.0	-0.07 %
HVDC	668.0	0.21 %
<b>Interconnection</b>	<b>459.0</b>	<b>0.15 %</b>
<b>Net Energy</b>	<b>311,997.0</b>	<b>100.00 %</b>

**Average SR During Peak Hour**

Type	MW
GT	320
Hydro	144
Syncon	467
Thermal	30
<b>Total</b>	<b>961</b>

**Weather**
**Temperature**

Morning	Cloudy	25
Afternoon	Hot	35



Daily MW Generation On Monday

30-Jul-2012

Table with columns for Station, Unit, and time slots from 0000 to 2300. Rows include various power generation units like YPKA, PLPS, SKSP, TJGS, CBPS, SRDG, BSA, KNRG, KNYR, LPIA, MNR, PGAU, SIHY, SYPS, TMGR, and UPIA, along with their respective MW outputs.

Daily MW Generation On Monday

30-Jul-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																										
Total Co-Gen	48	51	52	52	50	51	52	52	51	50	51	51	51	52	52	54	52	53	53	52	50	49	47	45	46	44	48	47	47	48	48	46	49	47	48	51	51	51	49	49	51	49	49	43	45	46	50			
Total Gen	12084	11828	11454	11253	11016	10813	10699	10515	10467	10579	10591	10578	10694	10775	10725	10650	11339	12382	13208	13716	14132	14357	14730	14839	14654	14534	14429	14590	14919	15119	15065	15139	15087	14981	14608	14101	13659	13476	13239	13497	13845	14218	14164	14155	13935	13828	13477	13240		
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	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	30	30	30	30	30	30	30	31	31	30	30	31	31	31	31	30	30	30	30	31	31	31	31	31	31	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	31	31	30	30	30	30	
TIE-PLTG	12	37	25	-35	-44	-31	-81	-88	-58	-26	20	15	18	-39	-67	16	108	-16	12	102	52	-17	-15	-49	11	2	-25	-118	-36	-86	-46	-30	-47	-8	29	-18	31	76	-25	25	-39	35	27	18	40	7	84	-42		
Interconnection	-17	8	55	-5	-14	-1	-51	-58	-28	5	51	45	48	-8	-36	47	139	14	42	132	82	14	16	-18	42	33	6	-88	-6	-56	-16	0	-17	22	59	12	61	106	5	55	-9	66	58	48	70	37	114	-12		
System Total	12101	11820	11399	11258	11030	10814	10750	10573	10495	10574	10540	10533	10646	10783	10761	10603	11200	12368	13166	13584	14050	14343	14714	14857	14612	14501	14423	14678	14925	15175	15081	15139	15104	14959	14549	14089	13598	13370	13234	13442	13854	14152	14106	14107	13865	13791	13363	13252		
SRev ST-Coal	13	29	22	16	26	23	25	18	94	134	130	112	135	123	124	131	34	13	31	32	22	24	33	25	18	22	33	-5	21	21	26	22	22	25	23	15	19	16	22	21	18	18	32	80	79	63	75	31		
SRev ST-Oil	3	4	4	3	3	3	3	61	42	15	7	31	56	56	56	56	56	7	5	3	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	5	5	4	5	5	5	5
SRev CCGT-Gas	542	430	621	832	1037	1241	1333	1554	1755	1773	1721	1765	1650	1499	1625	1764	1494	1215	1101	644	504	350	330	258	313	243	181	156	197	233	276	238	258	306	302	475	445	623	875	612	319	253	254	217	245	228	505	267		
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
Syncon	640	640	726	726	726	575	726	726	726	575	726	726	575	726	726	726	726	640	640	640	540	539	388	539	625	625	474	388	388	238	539	539	539	539	539	539	539	625	726	726	726	726	474	625	625	726	726	726	726	
Hydro	132	96	69	66	46	200	70	62	77	174	76	75	158	56	29	80	77	70	128	147	170	146	72	277	264	272	207	259	267	275	386	71	101	160	184	158	118	126	105	109	57	203	89	66	115	59	129	61		
S.Reserve Total	1330	1199	1442	1643	1838	2042	2157	2421	2694	2671	2660	2709	2574	2460	2560	2757	2387	2031	1905	1466	1340	1064	978	952	1138	1166	1050	888	979	940	974	900	950	1119	1199	1277	1312	1495	1732	1472	1124	953	1005	992	1170	1081	1440	1090		