

**Availability At Daily Maximum Demand Hour**

ST-Coal	1,380	MW
ST-Gas	0	MW
ST-Oil	150	MW
Gas	4,378	MW
Hydro	1,807	MW
Distillate	0	MW
<b>Total TNB</b>	<b>7,715</b>	<b>MW</b>
<b>Total IPP</b>	<b>11,539</b>	<b>MW</b>
<b>Total Co-Gen</b>	<b>90</b>	<b>MW</b>
<b>System Total</b>	<b>19,344</b>	<b>MW</b>

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

At Daily Maximum Demand Hour : 20:00

TNB Generation	4,883	MW
IPP Generation	7,611	MW
Total Set On Bus	13,408	MW
Maximum Demand	12,645	MW
Spinning Reserve	824	MW
Net Energy	272,389	MWH
Load Factor	89.8	%

**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	11761	11147	10702	10288	10286	10095	9967	9906	9699	10694	11493	12111	12150	11774	12010	12024	12009	11830	11523	11617	12645	12529	12229	11997

**Gas Usage**

Station	(mmscfd)
GLGR	58
PGPS	49
SRDG	25
TJGS	221
<b>TNB Total</b>	<b>352</b>
KLPP	112
MPSS	33
PGLA	117
PLPS	123
SGB3	90
SGRI	1
SKSP	54
YPGS	69
YPKA	129
<b>IPP Total</b>	<b>729</b>
<b>Total Gas</b>	<b>1,082</b>
<b>Total Gas Required :</b>	<b>1,082</b>
<b>Gas Calorific Value :</b>	<b>38,500</b>

**Generation Mix**

Type	MWh	Percentage
ST-Coal	32,269.00	11.85 %
Gas	47,834.00	17.56 %
Hydro	12,599.00	4.63 %
<b>Total TNB</b>	<b>92,702.0</b>	<b>34.03 %</b>
ST-Coal	80,363.0	29.50 %
ST-Oil	80.0	0.03 %
Gas	96,132.0	35.29 %
<b>Total IPP</b>	<b>176,575.0</b>	<b>64.82 %</b>
Co-Gen	2,347.0	0.86 %
<b>Total Co-Gen</b>	<b>2,347.0</b>	<b>0.86 %</b>
<b>Total Generation</b>	<b>271,624.0</b>	<b>99.72 %</b>
PLTG	-62.0	-0.02 %
HVDC	-703.0	-0.26 %
<b>Interconnection</b>	<b>-765.0</b>	<b>-0.28 %</b>
<b>Net Energy</b>	<b>272,389.0</b>	<b>100.00 %</b>

**Average SR During Peak Hour**

Type	MW
GT	147
Hydro	177
Syncon	452
Thermal	13
<b>Total</b>	<b>788</b>

**Weather**

Weather	Temperature
Morning	Sunny 27
Afternoon	Hot 32



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																											
SRDG GT01	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0																										
SRDG GT02	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0																										
SRDG GT03	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0																										
SRDG GT04	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0																										
SRDG GT05	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0																										
Total OCCT-Gas	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	174	484	588	588	587	346	283																							
BSIA HY01	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	21	21	21	21	12	11	11																							
BSIA HY02	13	12	13	13	13	13	13	12	13	12	13	14	13	13	14	13	13	13	13	13	13	23	24	23	22	22	22	11	11																						
CEND HY01	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8																							
CEND HY02	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8																							
CEND HY03	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6																							
KNRG HY01	33	30	32	35	32	34	34	32	33	33	32	34	36	35	33	33	35	34	34	34	35	35	35	35	35	35	32	29	32	30																					
KNRG HY02	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0																					
KNYR HY01	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1																						
KNYR HY02	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0																					
KNYR HY03	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0																					
KNYR HY04	60	48	57	54	60	56	61	62	66	58	74	63	53	57	50	64	54	65	63	102	100	100	100	100	100	100	100	100	100	100	98																				
LPIA HY01	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	19																					
MINOR HY01	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	3																					
PGAU HY01	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1																					
PGAU HY02	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1																					
PGAU HY03	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1																					
PGAU HY04	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0																				
SIHY HY01	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0																				
SIHY HY02	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0																				
SIHY HY03	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0																				
SIHY HY04	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0																				
SYPS HY01	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0																				
SYPS HY02	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0																				
SYPS HY03	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0																				
SYPS HY04	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0																				
TMGR HY01	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1																				
TMGR HY02	34	22	32	29	37	30	34	36	33	38	30	45	35	29	23	34	27	36	34	45	44	84	83	83	83	83	83	83	83	83	83	83																			
TMGR HY03	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0																			
TMGR HY04	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1																				
UPIA HY02	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5																				
Total Hydro	185	157	180	172	190	176	185	214	185	196	179	213	190	167	197	163	189	170	214	189	473	632	827	893	896	653	594	573	592	740	724	708	961	943	749	585	585	491	590	1056	1102	1111	1060	915	732	699	695	689			
PCUF CUF6	46	50	50	50	50	50	52	50	51	53	51	52	51	51	51	51	51	51	51	51	51	51	51	51	51	51	51	51	51	51	51	51	51	51	51	51	51	51	51	51	51	51	51	51	51	51	51	51	51		
PCUF CUF7	39	39	40	40	38	39	40	38	41	39	41	40	40	42	41	41	41	40	40	42	40	40	42	40	42	40	42	40	40	40	40	40	40	40	40	40	40	40	40	40	40	40	40	40	40	40	40	40	40	40	40
Total Co-Gen	85	89	90	88	89	92	88	92	92	91	93	92	92	92	92	92	92	92	92	92	92	92	92	92	92	92	92	92	92	92	92	92	92	92	92	92	92	92	92	92	92	92	92	92	92	92	92	92	92	92	
Total Gen	11708	11348	11536	10850	10682	10630	10310	10222	10244	10051	10067	9806	9897	9984	9846	9642	9592	10196	10758	11025	11488	11818	12048	12115	12097	11872	11742	11780	11874	11979	11980	11974	11998	11974	11773	11513	11478	11773	11513	11478	11521	11586	12240	12584	12606	12551	12416	12192	12200	11962	11813
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	0	0
TIE-HVDC	-28	-30	-30	-29	-29	-29	-29	-29	-29	-29	-29	-29	-29	-29	-29	-29	-29	-29	-29	-29	-29	-29	-29	-29	-29	-29	-29	-29	-29	-29	-29	-29	-29	-29	-29	-29	-29	-29	-29	-29	-29	-29	-29	-29	-29	-29	-29	-29	-29	-29	-29
TIE-PLTG	-24	50	20	-25	15	37	52	100	-12	-60	3	-66	-40	4	-30	54	-77	-56	94	8	24	30	-34	-45	-23	5	-2	-26	-107	37	-14	-46	18	15	-28	57	-16	-85	-2	-129	-32	-2	52	-21	-7	6	-6	11			
Interconnection	-52	20	-10	-54	-14	8	23	71	-41	-90	-27	-95	-69	-25	-59	25	-106	-85	65	-21	-5	1	-63	-75	-53	-25	-32	-55	-136	7	-44	-75	-11	-14	-57	28	-45	-114	-31	-158	-61	-32	22	-51	-37	-23	-35	-19			
System Total	11760	11328	11146	10904	10696	10622	10287	10151	10285	10141	10094	9901	9966	10009	9905	9617	9698	10281	10093	11046	11493	11817	12111	12190	12150	11897	11774	11835	12010	11972	12024	12049	12009	11988	11830	11485	11523	11617	12398	12645	12638	12529	12467	12229	12223	11997	11832				

