

### Availability at Daily Maximum Demand Hour

ST-Coal	3,040 MW
ST-Gas	0 MW
ST-Oil	0 MW
Gas	3,622 MW
Hydro	1,844 MW
Distillate	0 MW
<b>Total TNB</b>	<b>8,506 MW</b>
<b>Total IPP</b>	<b>10,451 MW</b>
<b>Total Co-Gen</b>	<b>0 MW</b>
<b>Total System</b>	<b>18,957 MW</b>

### Generation Mix

Type	MWh	Percentage
ST-Coal	67,124	20.27 %
Gas	67,910	20.51 %
Hydro	10,726	3.24 %
<b>Total TNB</b>	<b>145,760</b>	<b>44.02 %</b>
ST-Coal	100,410	30.32 %
ST-Gas	5,418	1.64 %
Gas	78,266	23.63 %
<b>Total IPP</b>	<b>184,094</b>	<b>55.59 %</b>
Co-Gen	265	0.08 %
<b>Total Co-Gen</b>	<b>265</b>	<b>0.08 %</b>
<b>Total Generation</b>	<b>330,119</b>	<b>99.69 %</b>
PLTG	-338	-0.10 %
HVDC	-701	-0.21 %
<b>Interconnection</b>	<b>-1,039</b>	<b>-0.31 %</b>
<b>Net Energy</b>	<b>331,158</b>	<b>100.00 %</b>

### Maximum Demand Record

Date: 6/11/2014	16,901 MW
Date: 6/24/2014	355,911 MWH

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

Daily Maximum Demand Hour at:	11:30:00 Hour
Total Set On Bus	16,726 MW
TNB Generation	6,734 MW
IPP Generation	8,862 MW
Spinning Reserve	1,119 MW
Maximum Demand	15,654 MW
Net Energy	331,158 MWH
Load Factor	88.15 %

### Fuel Cost

#### Average Spinning Reserve During Peak Hour

Type	MW
GT	456
Hydro	286
Syncon	486
Thermal	167
<b>Total</b>	<b>1,395</b>

Time	Weather	Temperature
Afternoon	Hot	33
Morning	Cloudy	26

### Gas Usage

Station	(mmscfd)
CBPS	57
GLGR	55
NPRI	37
PAKA	141
PGGS	17
SRDG	2
TJGS	208
<b>Total TNB</b>	<b>518</b>

KLPP	92
MPSS	56
PDPS	4
PGLA	88
PKLG	7
PLPS	94
SGB3	46
SGRJ	190
SKSP	48
PKLG	54
<b>Total IPP</b>	<b>679</b>
<b>Total Gas</b>	<b>1,197</b>

**Total Gas Required 1,197**

### Alternate Fuel Usage

Station	(mmscfd)
<b>Total</b>	<b>0</b>

### Hourly System MW Generation

	00:00	01:00	02:00	03:00	04:00	05:00	06:00	07:00	08:00	09:00	10:00	11:00	12:00	13:00	14:00	15:00	16:00	17:00	18:00	19:00	20:00	21:00	22:00	23:00
System Total	13147	12439	12021	11667	11510	11290	11646	11641	12232	14009	14922	15527	15410	14950	15409	15540	15511	15245	14289	14616	15112	14831	14243	13687

### Daily MW Generation on Wednesday

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																														
JMAH	U001	705	702	702	701	705	702	701	700	702	700	701	704	703	703	703	701	701	703	705	701	701	702	702	700	705	698	699	702	700	700	698	698	699	698	698	694	698	696	695															
JMAH	U002	704	702	704	702	706	706	703	703	703	703	703	705	698	710	702	707	707	701	701	694	705	702	703	704	703	706	705	705	703	698	706	708	705	705	705	703	701	706	704	701	705	706	703											
JMJG	U001	679	683	636	624	680	677	677	679	680	682	671	679	673	686	682	682	678	683	681	691	676	668	682	680	680	683	679	678	684	667	657	682	675	684	672	673	675	674	700	683	673	676	675	671	661	675	672	673						
JMJG	U002	672	676	673	666	675	671	673	672	676	682	665	673	673	673	677	675	674	673	679	674	661	673	673	670	673	675	672	675	673	656	680	673	679	676	673	670	677	689	672	609	488	508	542	675	674	679	677							
JMJG	U003	634	634	634	636	637	635	634	636	634	636	634	636	633	635	634	635	638	634	631	634	633	636	632	634	630	637	632	634	636	634	636	632	637	634	633	634	635	634	636	587	588	588	629	634	634	630								
JMJG	U004	790	791	790	792	793	789	789	791	791	792	789	791	791	790	790	790	791	839	862	861	862	859	855	861	860	862	859	861	859	860	862	860	862	861	862	861	860	860	860	860	859	859	860	853	796	790	790							
PKLG	U003	284	282	279	285	281	282	283	282	279	281	279	278	282	283	285	281	280	278	278	280	282	278	279	281	265	279	283	283	281	279	281	280	276	277	275	282	288	283	268	283	282	283	277	277	282	282	278	280						
PKLG	U004	277	277	277	278	280	277	278	278	278	276	280	280	280	280	280	278	280	280	279	279	277	279	279	280	279	282	282	279	277	279	281	282	282	279	279	279	279	279	279	279	279	279	279	279	279	279	282	284						
PKLG	U005	0	0	0	0	0	96	74	74	129	175	172	186	220	230	237	254	271	268	280	345	367	398	395	397	458	474	467	366	350	357	360	357	360	360	360	360	360	360	360	357	360	360	358	357	363	353	359	360	360	360				
PKLG	U006	467	467	470	468	467	470	467	467	467	467	467	468	466	467	470	467	464	467	467	467	468	470	467	467	467	467	467	467	467	468	467	470	464	467	467	467	467	467	467	467	467	467	467	467	467	467	468	464	467	467	468			
TBIN	U001	697	698	693	698	700	698	702	700	699	697	700	699	697	698	698	698	698	699	698	699	698	699	696	699	698	699	698	699	700	696	700	699	694	696	693	702	698	701	697	695	698	696	699	696	696	696	700	701	696					
TBIN	U002	698	694	698	700	695	703	701	698	699	695	696	699	698	699	697	700	697	699	702	698	698	699	698	699	700	698	698	699	700	695	699	697	698	697	699	694	696	699	697	700	695	699	696	700	695	695	695	698	698					
TBIN	U004	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	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 ST-Coal		6607	6606	6556	6550	6619	6706	6682	6680	6737	6786	6757	6797	6824	6848	6849	6871	6875	6870	6892	7014	7046	7057	7188	7208	7292	7329	7343	7236	7227	7220	7222	7276	7265	7299	7317	7344	7371	7322	7067	7032	6958	6796	6805	6847	6992	6970	6963	6954						
Total 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			
Total ST-Gas		179	148	146	146	146	146	145	146	146	146	146	146	146	145	243	277	282	282	282	282	282	282	282	265	222	212	204	223	273	283	282	283	282	282	282	282	282	282	282	282	282	282	282	282	282	282	282	282	282	282				
CBPS	GT1A	96	87	87	88	87	87	88	88	88	88	87	87	87	88	88	94	99	99	98	97	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96				
CBPS	GT1B	93	87	87	87	87	87	87	87	87	87	87	87	87	87	87	87	87	87	87	87	87	87	87	87	87	87	87	87	87	87	87	87	87	87	87	87	87	87	87	87	87	87	87	87	87	87	87	87	87	87	87			
CBPS	ST1C	102	95	92	90	91	91	91	91	91	91	91	91	91	91	91	91	91	91	91	91	91	91	91	91	91	91	91	91	91	91	91	91	91	91	91	91	91	91	91	91	91	91	91	91	91	91	91	91	91	91				
GLGR	GT01	106	107	107	71	68	68	67	68	68	68	68	67	68	67	69	68	84	105	104	104	103	103	103	103	103	103	102	101	101	102	102	102	102	102	102	102	101	101	101	101	101	101	101	101	102	101	102	101	102	101	102	101		
GLGR	GT02	107	108	108	71	68	68	68	68	68	68	68	67	68	68	68	68	85	105	106	105	104	104	104	103	102	102	102	102	101	101	102	101	105	105	106	106	106	106	106	106	106	106	106	106	106	106	106	106	106	106	106	106	106	
GLGR	ST1C	100	100	100	82	72	72	71	71	72	72	72	72	72	72	71	78	98	99	99	98	98	98	98	98	97	97	97	95	97	96	97	97	98	98	99	99	99	99	99	99	99	99	99	99	99	99	99	99	99	99	99	99		
KLPP	GT11	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
KLPP	GT12	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
KLPP	GT13	132	133	135	134	88	70	70	70	70	71	70	69	70	70	71	70	70	106	132	132	133	133	130	131	132	133	133	139	138	139	137	136	137	137	104	105	104	124	131	132	132	133	134	133	133	133	131	131	131	131				
KLPP	GT14	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
KLPP	GT15	150	149	149	151	109	78	78	78	78	77	78	78	78	78	78	78	106	148	148	148	146	144	146	146	148	148	151	152	150	150	150	149	149	149	115	113	115	137	147	150	150	150	150	150	150	148	150	149						
KLPP	ST17	135	130	130	131	113	89	89	89	89	89	90	90	90	90	90	90	114	185	195	165	161	163	200	227	226	226	229	229	229	228	228	229	229	192	179	180	192	199	199	199	199	199	199	199	199	199	199	199	199	199	199			
MPSS	GT01	105	85	67	66	67	69	66	69	68	68	68	66	68	67	68	67	105	104	105	105	106	106	106	106	105	104	103	103	103	103	103	103	101	101	100	101	101	80	86	84	100	106	102	103	103	103	103	103	103	103	103	88		
MPSS	GT02	106	87	70	70	70	70	71	70	71	70	71	70	71	107	105	106	106	107	107	107	107	107	107	107	107	105	105	105	105	103	103	103	103	104	103	83	85	85	101	104	104	104	104	104	104	104	104	104	104	104	104	104	0	0
MPSS	ST01	113	95	66	66	66	66	66	66	65	65	65	66																																										



**Daily MW Generation on Wednesday**

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
PGAU	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
PGAU	HY04	-1	-1	-1	21	-1	-1	-1	-1	-1	20	20	-1	109	78	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1
SIHY	HY01	50	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
SIHY	HY02	50	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	
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	
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	
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	
TMGR	HY01	35	36	36	35	33	33	34	30	32	27	28	32	35	38	32	36	30	35	32	44	33	29	33	35
TMGR	HY02	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	
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	
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	
UPIA	HY01	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	
UPIA	HY02	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	
Total Hydro		466	330	308	240	200	205	204	193	200	191	233	242	224	394	339	280	254	269	419	736	765	885	896	
Total Distillate		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
PCUF	CUFG	4	4	4	4	5	5	4	4	3	4	5	5	6	6	5	6	5	4	4	4	5	4	4	
PCUF	CUFK	7	6	6	7	8	8	7	7	7	8	8	8	9	8	7	8	7	8	7	8	7	8	7	
Total Co-Gen		11	10	10	11	13	13	12	11	10	11	13	13	14	15	13	13	14	12	12	11	12	13	12	
Total Gen		13078	12597	12428	12187	11986	11849	11641	11515	11457	11341	11291	11359	11547	11781	11593	11581	12253	13222	13910	14297	14844	15166	15464	
TIE-BGAT		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	-29	-29	-29	-29	-29	-29	-29	-29	-29	-29	-29	-29	-29	-29	-29	-29	-29	-29	
TIE-PLTG		-40	-24	18	-64	-6	1	3	31	-24	15	30	-50	-70	-11	-19	-45	50	-11	-70	-82	-48	-33		
Interconnection		-69	-53	-11	-93	-35	-28	-26	2	-53	-14	1	-78	-99	-40	-48	-74	21	-40	-99	-112	-78	-63		
System Total		13147	12650	12439	12280	12021	11877	11667	11513	11510	11355	11290	11437	11646	11821	11641	11685	12232	13262	14009	14409	14922	15229		
SRev ST-Coal		40	41	91	97	28	41	49	51	20	1	70	30	3	29	140	127	143	148	125	54	188	206		
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		
SRev CCGT-Gas		505	468	563	731	963	1192	1373	1486	1607	1764	1829	1810	1632	1593	1725	1699	1471	830	700	855	283	361		
SRev ST-Gas		38	35	35	35	35	35	36	36	36	35	35	35	35	36	36	35	17	5	0	0	0	0		
SRev Co-Gen		-11	-10	-10	-11	-13	-13	-12	-11	-10	-11	-13	-13	-14	-15	-13	-13	-14	-12	-12	-11	-12	-13		
Syncon		625	726	726	575	726	726	726	726	726	424	424	726	474	474	625	625	625	625	453	302	302	302		
Hydro		167	102	124	243	132	127	128	139	132	141	401	392	108	190	245	153	179	164	164	296	418	471		
S.Reserve Total		1364	1362	1529	1670	1871	2108	2300	2427	2511	2656	2746	2878	2490	2307	2607	2626	2421	1760	1602	1647	1358	1339		