

#### Availability at Daily Maximum Demand Hour

ST-Coal	3,060 MW
ST-Gas	0 MW
ST-Oil	0 MW
Gas	3,737 MW
Hydro	1,880 MW
Distillate	0 MW
<b>Total TNB</b>	<b>8,677 MW</b>
<b>Total IPP</b>	<b>9,067 MW</b>
<b>Total Co-Gen</b>	<b>0 MW</b>
<b>Total System</b>	<b>17,744 MW</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:	19:30:00 Hour
Total Set On Bus	15,535 MW
TNB Generation	6,828 MW
IPP Generation	7,482 MW
Spinning Reserve	1,191 MW
Maximum Demand	14,380 MW
Net Energy	310,052 MWH
Load Factor	89.84 %

#### Gas Usage

Station	(mmscfd)
CBPS	45
GLGR	56
NPRI	5
PAKA	183
SRDG	2
TJGS	212
<b>Total TNB</b>	<b>504</b>
KLPP	35
MPSS	47
PGLA	114
PLPS	101
SGB3	35
SGRI	185
SKSP	51
PKLG	107
<b>Total IPP</b>	<b>674</b>
<b>Total Gas</b>	<b>1,178</b>
<b>Total Gas Required</b>	<b>1,178</b>

#### Alternate Fuel Usage

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

#### Generation Mix

Type	MWh	Percentage
ST-Coal	68,254	22.01 %
Gas	66,468	21.44 %
Hydro	10,135	3.27 %
<b>Total TNB</b>	<b>144,857</b>	<b>46.72 %</b>
ST-Coal	80,517	25.97 %
ST-Gas	10,780	3.48 %
Gas	72,234	23.30 %
<b>Total IPP</b>	<b>163,531</b>	<b>52.74 %</b>
Co-Gen	847	0.27 %
<b>Total Co-Gen</b>	<b>847</b>	<b>0.27 %</b>
<b>Total Generation</b>	<b>309,235</b>	<b>99.74 %</b>
PLTG	-84	-0.03 %
EGAT	-34	-0.01 %
HVDC	-699	-0.23 %
<b>Interconnection</b>	<b>-817</b>	<b>-0.26 %</b>
<b>Net Energy</b>	<b>310,052</b>	<b>100.00 %</b>

#### Fuel Cost

#### Average Spinning Reserve During Peak Hour

Type	MW
GT	472
Hydro	191
Syncon	657
Thermal	81
<b>Total</b>	<b>1,401</b>

Time	Weather	Temperature
Afternoon	Hot	32
Morning	Sunny	27

#### 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	13229	12644	12198	11782	11762	11646	11501	11190	11085	12045	12842	13499	13561	13387	13690	13677	13659	13486	13134	13683	14351	14264	13826	13470



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		
SGB3	GT33	113	112	112	110	110	112	112	112	110	111	113	113	113	111	111	112	112	113	113	112	112	112	112	112	112	112
SGB3	ST34	66	65	65	65	66	66	66	66	66	66	66	66	66	65	65	65	65	66	67	67	67	67	67	67	67	66
SGRI	GT11	125	138	136	111	111	111	114	110	110	61	63	65	61	61	63	63	106	141	140	140	137	137	138	138	110	110
SGRI	GT12	71	0	0	0	0	0	0	0	0	0	0	0	0	0	0	60	149	148	148	148	148	113	113	117	111	
SGRI	GT13	116	134	133	113	113	113	113	113	112	70	63	63	63	63	63	108	133	132	132	132	108	108	108	108	113	108
SGRI	ST14	198	153	145	136	137	137	137	137	134	136	113	98	95	98	98	99	101	139	156	154	221	222	222	219	219	
SGRI	GT21	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	55	134	131	129	128	107	115	130	130	130	
SGRI	GT22	137	117	115	112	111	111	111	113	113	110	117	111	124	113	110	65	109	135	135	135	134	131	132	113	133	
SGRI	GT23	140	111	110	110	110	110	110	103	111	111	118	110	104	59	59	103	142	143	143	141	139	140	118	139	139	
SGRI	ST24	151	141	136	133	135	134	134	138	131	134	139	135	139	132	134	105	106	134	152	217	216	217	223	213	206	
SKSP	BLK1	350	350	350	350	350	210	210	210	210	210	210	210	210	210	210	228	256	311	347	323	282	219	214	315	348	
TJGS	GT1A	193	220	216	192	207	188	190	220	194	190	220	212	215	216	192	188	199	208	214	210	215	210	209	204	212	
TJGS	GT1B	182	216	216	180	198	182	183	202	184	184	211	204	212	216	184	184	193	199	208	213	213	213	195	216	212	
TJGS	GT1C	231	252	256	231	255	235	228	240	230	230	240	245	253	257	228	228	228	240	251	255	255	255	255	243	253	
TJGS	GT2A	216	213	213	213	213	213	211	211	213	135	132	132	132	132	132	132	128	128	128	128	128	212	212	215	215	
TJGS	GT2B	217	215	215	215	215	215	215	213	215	215	129	128	128	128	128	128	212	212	215	215	212	212	210	210	210	
TJGS	ST2C	262	262	262	262	262	262	262	262	209	211	211	211	211	211	211	263	263	263	263	263	260	260	260	260	260	
Total CCGT-Gas		6163	5744	5558	5374	5223	5163	5017	5090	5003	4992	4781	4725	4666	4645	4537	4286	4342	4779	5175	5611	5997	6184	6417	6363	6352	
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	0
Total CCGT-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
BSTIA	HY01	11	12	12	11	11	11	11	11	11	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	11	11
CEND	HY01	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
CEND	HY02	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
CEND	HY03	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9
CEND	HY04	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7
HTRG	HY01	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	106	106	106	106	106	0	0	63	63	
KNRG	HY01	26	27	27	27	27	27	27	27	27	27	27	27	27	27	27	27	27	27	28	28	27	27	28	27	28	27
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
KNRG	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
KNYR	HY01	59	61	61	60	61	60	61	60	59	61	61	61	61	60	59	98	98	98	98	98	98	98	98	97	60	88
KNYR	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
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
KNYR	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
LPIA	HY01	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15
LPIA	HY02	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16
MNOR	HY01	6	6	6	6	3	3	3	3	2	2	2	2	2	2	2	2	4	4	5	5	5	5	5	5	5	5
PGAU	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
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
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
PGAU	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
SIHY	HY01	50	50	50	20	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	50	50	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	25	0	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	25	0	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	25	0	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	25	0	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	24	37	38	30	37	34	28	37	31	27	35	38	37	37	32	28	37	38	39	0	0	0	0	0	0	0

**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
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	-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	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
UPLA	HY01	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
UPLA	HY02	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
Total Hydro		394	311	312	272	207	204	197	230	199	194	206	209	208	252	200	195	243	245	336	313	314	417	438	518
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	0
PCUF	CUFG	29	29	29	30	29	29	29	30	30	30	29	31	31	31	31	30	28	28	27	26	25	28	26	27
PCUF	CUFK	7	6	7	6	8	7	7	5	7	8	7	6	6	7	6	6	7	7	7	7	7	7	7	7
Total Co-Gen		36	35	36	36	37	36	36	35	37	38	36	37	38	37	37	38	36	37	36	35	35	34	33	32
Total Gen		13224	12891	12616	12362	12135	11950	11769	11871	11767	11732	11569	11496	11448	11461	11231	10979	11044	11494	11986	12391	12774	13138	13422	
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	-30	-30	-29	-29	-29	-29	-29	-29	-30	-30	-29	-29	-29	-29	-29	-30	-30	-29	-29	-31	-29	
TIE-PLTG		124	38	2	74	-34	30	16	17	35	32	-48	-17	-23	9	70	5	-12	-10	-30	-19	-38	-49	-48	
Interconnection		95	9	-28	44	-63	1	-13	-12	5	2	-77	-46	-53	-21	41	-24	-41	-38	-59	-48	-68	-78	-77	
System Total		13229	12882	12644	12318	12198	11949	11782	11883	11762	11730	11646	11542	11501	11482	11190	11003	11085	11522	12045	12439	12842	13216	13499	
SRev ST-Coal		97	49	82	110	99	117	139	142	130	150	112	133	122	131	201	198	105	95	79	86	90	100	99	
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
SRev CCGT-Gas		423	420	291	475	626	686	832	759	846	857	1068	1124	1183	1204	1312	1563	1507	1066	810	651	368	450	373	
SRev ST-Gas		-34	69	66	51	67	75	75	75	75	75	74	74	75	75	75	75	75	75	75	75	75	75	75	75
SRev Co-Gen		8	9	8	8	7	8	8	9	7	6	8	7	6	7	6	8	7	8	9	9	10	11	12	
Syncon		827	827	827	827	827	827	676	827	827	827	827	827	827	827	827	676	827	827	827	827	827	827	827	
Hydro		134	117	116	156	121	124	131	249	129	134	122	119	120	378	128	133	85	83	218	90	89	96	226	
S.Reserve Total		1455	1491	1390	1627	1747	1837	2012	1910	2014	2049	2211	2284	2333	2320	2550	2802	2607	2153	1866	1738	1458	1565	1467	