

### Availability at Daily Maximum Demand Hour

ST-Coal	0 MW
ST-Gas	0 MW
ST-Oil	0 MW
Gas	3,429 MW
Hydro	2,299 MW
Distillate	0 MW
<b>Total TNB</b>	<b>5,728 MW</b>
<b>Total IPP</b>	<b>13,963 MW</b>
<b>Total Co-Gen</b>	<b>20 MW</b>
<b>Total System</b>	<b>20,275 MW</b>

### Maximum Demand Record

Date: 4/20/2016	17,788 MW
Date: 4/20/2016	372,457 MWH

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

Daily Maximum Demand Hour at:	20:00:00 Hour
Total Set On Bus	16,463 MW
TNB Generation	2,816 MW
IPP Generation	11,781 MW
Spinning Reserve	1,852 MW
Maximum Demand	14,555 MW
Net Energy	310,559 MWH
Load Factor	88.90 %

### Gas Usage

Station	(mmscfd)
GLGR	54
PGPS	40
SRDG	3
TJGS	215
<b>Total TNB</b>	<b>312</b>
CBPS	54
KLPP	99
NPRI	72
PGLA	107
PLPS	94
PTEK	4
SGB3	36
SGRI	190
<b>Total IPP</b>	<b>656</b>
<b>Total Gas</b>	<b>969</b>

### Alternate Fuel Usage

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

### Generation Mix

Type	MWh	Percentage
Gas	43,476	14.00 %
Hydro	6,677	2.15 %
<b>Total TNB</b>	<b>50,153</b>	<b>16.15 %</b>
ST-Coal	172,873	55.67 %
Gas	87,918	28.31 %
<b>Total IPP</b>	<b>260,791</b>	<b>83.97 %</b>
Co-Gen	337	0.11 %
<b>Total Co-Gen</b>	<b>337</b>	<b>0.11 %</b>
<b>Total Generation</b>	<b>311,281</b>	<b>100.23 %</b>
PLTG	-16	-0.01 %
HVDC	738	0.24 %
<b>Interconnection</b>	<b>722</b>	<b>0.23 %</b>
<b>Net Energy</b>	<b>310,559</b>	<b>100.00 %</b>

### Fuel Cost

#### Average Spinning Reserve During Peak Hour

Type	MW
GT	495
Hydro	271
Syncon	937
Thermal	137
<b>Total</b>	<b>1,840</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	13235	12732	12195	11807	11452	11231	11181	10982	10867	12092	12967	13507	13453	13249	13529	13671	13831	13526	13185	13463	14555	14482	14247	14133





### Daily MW Generation on Saturday

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																										
Interconnection		49	51	67	78	79	108	77	55	72	37	48	36	29	42	52	29	18	33	33	39	29	-15	16	-31	1	27	24	-18	18	33	35	6	-16	5	13	26	35	45	31	-7	56	18	23	-2	55	4	-6	7		
System Total		13235	12940	12732	12494	12195	12079	11807	11735	11452	11426	11231	11286	11181	11229	10982	10780	10867	11524	12082	12520	12967	13294	13507	13695	13453	13245	13249	13443	13529	13771	13671	13752	13831	13768	13526	13358	13185	13170	13463	14523	14555	14553	14482	14462	14247	14250	14133	13911		
SRev ST-Coal		139	151	128	143	125	136	149	133	146	133	132	135	133	128	188	218	165	128	136	132	144	129	142	141	137	144	133	140	143	140	148	147	133	136	139	152	141	149	120	97	101	147	161	113	134	146	103	127		
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 CCGT-Gas		213	417	259	218	537	420	705	814	1069	1142	1327	1280	1399	1336	1434	1650	1636	1137	631	768	636	327	272	355	440	461	470	548	511	454	428	377	335	408	520	597	980	965	739	250	516	471	499	594	568	554	387	568		
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	0	0	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		6	6	6	7	7	8	6	6	5	7	6	6	6	7	6	8	7	6	7	6	6	6	5	5	7	7	7	5	7	7	6	6	5	5	5	7	7	6	6	7	6	6	7	6	6	6	6	-9		
Syncon		1137	799	799	950	950	950	1137	1137	1137	1137	1137	1011	1011	1011	1011	1011	759	910	759	910	1036	910	1036	1036	885	910	910	910	910	809	809	910	910	910	1036	1137	935	935	1036	1036	1036	986	1137	1137	1137					
Hydro		225	386	403	145	142	134	140	141	140	139	140	141	137	143	139	142	145	309	140	332	202	267	342	413	263	267	268	395	330	290	282	232	262	269	137	135	141	147	128	219	243	301	170	171	268	127	125	144		
S.Reserve Total		1720	1759	1595	1463	1761	1648	2137	2231	2497	2558	2742	2699	2686	2625	2778	3029	2964	2339	1824	1997	1898	1765	1671	1673	1883	1915	1914	1973	1901	1801	1774	1672	1544	1627	1711	1801	2179	2303	2130	1508	1852	1992	1958	2003	1962	1970	1758	1967		