

### Availability at Daily Maximum Demand Hour

ST-Coal	0 MW
ST-Gas	0 MW
ST-Oil	0 MW
Gas	3,230 MW
Hydro	1,703 MW
Distillate	0 MW
<b>Total TNB</b>	<b>4,933 MW</b>
<b>Total IPP</b>	<b>14,105 MW</b>
<b>Total Co-Gen</b>	<b>30 MW</b>
<b>Total System</b>	<b>19,068 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:	21:00:00 Hour
Total Set On Bus	15,692 MW
TNB Generation	2,778 MW
IPP Generation	11,428 MW
Spinning Reserve	1,467 MW
Maximum Demand	14,219 MW
Net Energy	306,597 MWH
Load Factor	89.84 %

### Gas Usage

Station	(mmscfd)
GLGR	14
PAKA	139
PGPS	25
TJGS	203
<b>Total TNB</b>	<b>381</b>
CBPS	50
KLPP	73
MPSS	31
NPRI	138
PGLA	69
PLPS	68
SGB3	35
SGRI	145
SKSP	1
PCLG	49
<b>Total IPP</b>	<b>660</b>
<b>Total Gas</b>	<b>1,040</b>
<b>Total Gas Required</b>	<b>1,040</b>

### Alternate Fuel Usage

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

### Generation Mix

Type	MWh	Percentage
Gas	50,882	16.60 %
Hydro	6,776	2.21 %
<b>Total TNB</b>	<b>57,658</b>	<b>18.81 %</b>
ST-Coal	161,412	52.65 %
ST-Gas	4,892	1.60 %
Gas	82,150	26.79 %
<b>Total IPP</b>	<b>248,454</b>	<b>81.04 %</b>
Co-Gen	481	0.16 %
<b>Total Co-Gen</b>	<b>481</b>	<b>0.16 %</b>
<b>Total Generation</b>	<b>306,593</b>	<b>100.00 %</b>
PLTG	-263	-0.09 %
HVDC	259	0.08 %
<b>Interconnection</b>	<b>-4</b>	<b>0.00 %</b>
<b>Net Energy</b>	<b>306,597</b>	<b>100.00 %</b>

### Fuel Cost

### Average Spinning Reserve During Peak Hour

Type	MW
GT	467
Hydro	427
Syncon	468
Thermal	215
<b>Total</b>	<b>1,577</b>

### Time Weather Temperature

### 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	13755	13073	12757	12409	11951	11743	11666	11202	10864	11535	12307	12845	12929	13006	13319	13308	13211	12885	12585	12894	14084	14219	14022	13714





### Daily MW Generation on Sunday

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
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		0	30	30	30	30	30	30	30	31	31	30	30	30	2	2	0	0	0	0	0	0	0	0	0
TIE-PLTG		-28	-25	-36	-29	-34	-46	-18	-7	-24	-26	-16	-16	-7	20	22	31	34	-1	-1	-25	-17	-6	39	9
Interconnection		-28	5	-6	1	-4	-16	12	22	6	5	15	13	22	50	52	33	36	-1	-1	-25	-17	-6	68	9
System Total		13755	13263	13073	12939	12757	12634	12409	12086	11951	11860	11743	11650	11666	11719	11202	10826	10864	11219	11535	11935	12307	12621	12845	13067
SRev ST-Coal		152	150	152	145	143	147	144	150	149	144	152	139	139	146	137	349	329	395	414	407	313	208	209	218
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		506	428	657	771	956	1108	1182	1442	1593	1692	1790	1849	1721	1640	1965	2175	2135	1854	1707	1386	1113	912	627	528
SRev ST-Gas		38	38	38	38	37	37	38	38	38	38	37	37	38	38	38	37	37	42	14	0	0	0	0	0
SRev Co-Gen		11	12	12	9	11	9	11	10	10	8	8	8	10	10	9	9	8	9	9	11	11	12	11	11
Syncon		701	701	550	701	701	550	701	701	701	701	701	701	701	550	701	701	701	701	550	399	273	399	701	701
Hydro		128	128	249	122	123	255	123	121	122	122	123	122	123	116	136	260	128	190	108	105	105	238	371	426
S.Reserve Total		1636	1557	1758	1886	2071	2206	2299	2562	2713	2805	2911	2956	2932	2751	3086	3481	3439	3285	3081	2722	2343	2019	1718	1556