

Availability at Daily Maximum Demand Hour

ST-Coal	0 MW
ST-Gas	0 MW
ST-Oil	0 MW
Gas	2,589 MW
Hydro	2,265 MW
Distillate	0 MW
Total TNB	4,854 MW
Total IPP	14,898 MW
Total Co-Gen	0 MW
Total System	20,316 MW

Generation Mix

Type	MWh	Percentage
Gas	27,508	8.90 %
Hydro	7,537	2.44 %
Total TNB	35,045	11.33 %
ST-Coal	178,535	57.73 %
Gas	95,497	30.88 %
Total IPP	274,032	88.61 %
Co-Gen	1,364	0.44 %
Total Co-Gen	1,364	0.44 %
Total Generation	310,441	100.38 %
PLTG	470	0.15 %
HVDC	720	0.23 %
Interconnection	1,190	0.38 %
Net Energy	309,251	100.00 %

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:	20:30:00 Hour
Total Set On Bus	16,127 MW
TNB Generation	1,853 MW
IPP Generation	12,453 MW
Spinning Reserve	1,763 MW
Maximum Demand	14,313 MW
Net Energy	309,251 MWH
Load Factor	90.03 %

Fuel Cost

Average Spinning Reserve During Peak Hour

Type	MW
GT	361
Hydro	227
Syncon	1,207
Thermal	213
Total	2,008

Time	Weather	Temperature
Afternoon	Rainy	29
Morning	Sunny	25

Gas Usage

Station	(mmscfd)
GLGR	56
PGPS	43
TJGS	107
Total TNB	205
CBPS	53
KLPP	76
MPSS	53
NPRI	155
PGLA	104
PLPS	86
SGRI	184
SKSP	3
Total IPP	716
Total Gas	921
Total Gas Required	921

Alternate Fuel Usage

Station	(mmscfd)
Total	0

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	13785	13101	12708	12339	12017	11870	11785	11561	10984	11528	12393	12953	13166	13110	13517	13651	13423	12988	12766	12999	14243	14285	14202	13873

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																								
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																								
SRev Co-Gen		-12	-11	-12	-13	-11	-11	-13	-11	-12	-11	-14	-10	-12	-11	-10	-12	-10	-9	-6	-4	-4	-3	-4	-3	-5	-4	-4	-8	-3	-5	-3	-7	-6	-6	-8	-7	-10	-10	-11	-8	-10	-13	-13	-10				
Syncon		1097	1097	1097	1299	1299	1299	1299	1299	1299	1299	1299	1299	1299	1299	997	997	997	1299	1299	1299	1299	1450	1450	1450	1450	1450	1450	1450	1450	1450	1450	1450	1450	1450	1450	1450	1097	946	1097	1097	1097	1097	1248	1248				
Hydro		107	120	176	114	100	111	117	123	107	103	102	106	100	104	106	121	117	106	105	105	103	99	360	323	327	134	126	147	139	132	140	141	143	136	143	140	123	129	144	122	320	445	308	242	219	254	40	104
S.Reserve Total		1876	1942	1952	2178	1859	2007	2194	2384	2442	2578	2529	2663	2608	2655	2809	3254	3404	3011	2730	2521	2209	1975	1867	1788	1948	2035	2008	2095	2025	2258	2218	2325	2461	2570	2809	3033	3155	3246	2854	2124	1813	1763	1807	1848	1810	1915	1652	1715