

Availability at Daily Maximum Demand Hour

ST-Coal	0 MW
ST-Gas	0 MW
ST-Oil	0 MW
Gas	3,043 MW
Hydro	2,414 MW
Distillate	0 MW
Total TNB	5,457 MW
Total IPP	14,650 MW
Total Co-Gen	0 MW
Total System	20,671 MW

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:	15:00:00 Hour
Total Set On Bus	18,533 MW
TNB Generation	3,091 MW
IPP Generation	13,805 MW
Spinning Reserve	1,566 MW
Maximum Demand	16,977 MW
Net Energy	354,008 MWH
Load Factor	86.88 %

Gas Usage

Station	(mmscfd)
GLGR	54
SRDG	3
TJGS	201
Total TNB	258
CBPS	50
KLPP	91
NPRI	145
PGLA	102
PLPS	68
PTEK	11
SGB3	93
SGRI	77
YPKA	12

Alternate Fuel Usage

Station	(mmscfd)
Total	0

Generation Mix

Type	MWh	Percentage
Gas	36,923	10.43 %
Hydro	19,160	5.41 %
Total TNB	56,083	15.84 %
ST-Coal	208,352	58.86 %
Gas	88,070	24.88 %
Total IPP	296,422	83.73 %
Co-Gen	1,661	0.47 %
Total Co-Gen	1,661	0.47 %
Total Generation	354,166	100.04 %
PLTG	292	0.08 %
HVDC	-134	-0.04 %
Interconnection	158	0.04 %
Net Energy	354,008	100.00 %

Fuel Cost

Average Spinning Reserve During Peak Hour

Type	MW
GT	391
Hydro	471
Syncon	756
Thermal	188
Total	1,806

Total IPP	649
Total Gas	908
Total Gas Required	908

Time Weather Temperature

Afternoon	Hot	32
Morning	Rainy	28

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	13928	13339	12876	12348	12055	11855	12084	12182	12835	14653	15772	16502	16561	16417	16773	16977	16802	16417	15109	15014	16113	16023	15587	15208

Daily MW Generation on Monday

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																										
PCUF	CUFG	33	32	32	31	33	32	32	32	32	31	31	32	31	31	32	32	31	30	28	27	28	27	28	27	29	28	27	26	30	31	31	29	29	28	29	28	29	28	29	28	29	31	30	31	30	30	31	31		
PCUF	CUFK	31	31	31	30	39	40	40	40	40	42	39	41	41	39	39	42	41	40	40	40	39	39	39	41	40	40	40	39	40	40	40	40	39	41	41	39	41	39	41	39	41	39	40	41	40	40	39	40		
Total Co-Gen		64	63	63	61	72	72	72	72	74	70	72	73	72	70	71	74	72	70	68	67	67	66	67	68	69	68	66	66	69	71	71	69	68	68	69	68	69	70	67	70	70	70	72	70	70	70	71			
Total Gen		13949	13591	13384	12996	12914	12560	12351	12250	12075	12004	11911	12028	12125	12432	12255	12202	12844	13886	14712	15327	15750	16200	16488	16626	16534	16260	16424	16355	16762	16908	16967	16948	16828	16762	16419	15912	15168	14887	14966	15924	16141	16165	16043	15808	15572	15489	15169	14787		
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	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	
TIE-HVDC		30	31	31	30	30	30	30	31	31	29	29	30	30	30	30	30	30	30	-29	-29	-29	-29	-30	-30	-29	-29	-29	-29	-29	-29	-29	-29	-29	-29	-30	-30	-29	-29	-29	-29	-29	-29	-29	-29	-29	-29	-28	-28	-29	
TIE-PLTG		-10	-17	14	-25	8	35	-26	12	-11	-29	27	14	11	26	43	49	-21	-37	29	2	7	0	15	54	3	-19	36	8	18	-9	19	16	55	-5	31	18	88	6	-19	8	57	48	49	-13	14	24	-11	-10		
Interconnection		21	14	45	5	38	65	3	43	20	0	56	44	41	56	73	79	9	-7	59	-27	-22	-29	-14	25	-27	-48	7	-21	-11	-38	-10	-13	26	-34	2	-11	59	-23	-48	-21	28	20	20	-42	-15	-4	-39	-39		
System Total		13928	13577	13339	12991	12876	12495	12348	12207	12055	12004	11855	11984	12084	12376	12182	12123	12835	13893	14653	15354	15772	16229	16502	16601	16561	16308	16417	16376	16773	16946	16977	16961	16802	16796	16417	15923	15109	14910	15014	15945	16113	16145	16023	15850	15587	15493	15208	14826		
SRev ST-Coal		373	332	326	309	372	298	294	294	295	298	295	306	302	291	292	303	297	163	171	256	229	163	163	167	178	180	54	155	176	193	181	209	237	221	211	210	203	199	199	143	39	229	291	181	80	55	33	72		
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	68	-2	4	0	3	2	43	49	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SRev CCGT-Gas		538	678	757	1211	1178	1447	1661	1789	1935	2012	2092	2001	1931	1633	1702	1918	1589	996	1018	546	372	210	223	230	317	313	277	245	317	180	311	305	342	227	353	269	851	1063	1018	498	390	394	425	551	614	523	795	392		
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	7	7	9	-2	-2	-2	-2	-2	-4	0	-2	-3	-2	0	-1	-4	-2	0	2	3	3	4	3	2	1	2	4	4	1	-1	-1	1	2	2	1	2	1	0	3	0	0	0	-2	0	0	0	-1		
Syncon		1165	1165	1249	947	1249	1249	1249	1098	1249	1249	1249	1098	1249	1249	1249	1098	1249	1249	1098	1098	928	928	928	928	928	928	928	928	928	928	928	928	928	928	928	777	928	928	928	928	302	302	302	761	1038	1164	948			
Hydro		66	122	104	360	99	100	101	230	101	100	108	228	98	95	217	394	104	99	107	239	238	379	302	329	324	351	353	351	454	447	456	457	490	473	323	571	604	498	503	358	357	966	931	987	700	322	266	397		
S.Reserve Total		2148	2304	2443	2836	2896	3117	3303	3409	3578	3655	3744	3631	3577	3266	3460	3712	3235	2505	2545	2141	1940	1683	1620	1657	1749	1773	1614	1683	1634	1434	1566	1585	1688	1540	1860	2028	2437	2689	2648	1930	1714	1891	1949	2019	2155	1938	2258	1808		