

Availability at Daily Maximum Demand Hour

ST-Coal	0 MW
ST-Gas	0 MW
ST-Oil	0 MW
Gas	2,446 MW
Hydro	2,318 MW
Distillate	0 MW
Total TNB	4,764 MW
Total IPP	14,273 MW
Total Co-Gen	68 MW
Total System	19,669 MW

Generation Mix

Type	MWh	Percentage
Gas	43,445	12.50 %
Hydro	13,573	3.91 %
Total TNB	57,018	16.41 %
ST-Coal	183,303	52.75 %
Gas	106,996	30.79 %
Total IPP	290,299	83.54 %
Co-Gen	1,316	0.38 %
Total Co-Gen	1,316	0.38 %
Total Generation	348,633	100.32 %
PLTG	397	0.11 %
HVDC	724	0.21 %
Interconnection	1,121	0.32 %
Net Energy	347,512	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:	16:30:00 Hour
Total Set On Bus	17,567 MW
TNB Generation	3,433 MW
IPP Generation	12,802 MW
Spinning Reserve	1,274 MW
Maximum Demand	16,251 MW
Net Energy	347,512 MWH
Load Factor	89.10 %

Fuel Cost
Average Spinning Reserve During Peak Hour

Type	MW
GT	487
Hydro	474
Syncon	642
Thermal	78
Total	1,681

Time	Weather	Temperature
Afternoon	Hot	32
Morning	Sunny	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	14292	13670	13158	12797	12559	12314	12298	12362	12526	14017	14926	15503	15563	15415	15977	16191	16250	15898	14864	14675	15730	15663	15246	15082

Gas Usage

Station	(mmscfd)
CBPS	31
GLGR	54
PAKA	97
PGPS	43
SRDG	13
TJGS	103
Total TNB	342

CBPS	55
KLPP	97
MPSS	50
NPRI	150
PDPS	6
PGLA	89
PKLG	5
PLPS	91
PTEK	17
SGRI	202
SKSP	44
Total IPP	806
Total Gas	1,148

Total Gas Required 1,148

Alternate Fuel Usage

Station	(mmscfd)
Total	0

Daily MW Generation on Thursday

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	HY01	-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	HY02	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	87	41	30	29	31	32	46
TMGR	HY03	34	34	36	33	32	34	33	33	33	33	34	35	34	30	30	32	34	33	34	87	34	32	30	33
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
UJLI	HY01	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	97	95	95	93	83	85	92	100	92	97	93	92
UJLI	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
UPIA	HY01	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4
UPIA	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		410	407	306	239	202	182	178	179	182	178	174	176	197	183	205	176	183	312	421	437	583	696	764	
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	CUGF	23	24	23	23	24	24	24	27	24	26	-2	8	15	18	25	24	25	25	24	24	23	23	23	23
PCUF	CUFK	32	31	32	32	32	32	34	33	32	32	31	32	32	32	32	28	28	29	28	28	29	27	28	28
Total Co-Gen		55	55	55	55	56	56	58	60	56	58	30	39	47	50	57	56	57	57	58	56	55	51	52	52
Total Gen		14343	13978	13683	13473	13223	13004	12835	12674	12587	12443	12406	12331	12349	12448	12438	12487	12562	13392	14024	14520	14924	15276	15503	
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		30	30	30	30	31	31	30	30	31	31	31	31	30	30	30	30	30	30	30	30	30	30	30	30
TIE-PLTG		21	26	-17	13	35	31	7	8	-2	21	62	2	21	1	46	70	6	7	-23	3	-31	-3	-30	
Interconnection		51	56	13	43	65	61	38	38	28	52	92	33	51	31	76	99	36	37	7	33	-2	27	0	
System Total		14292	13922	13670	13430	13158	12943	12797	12636	12559	12391	12314	12298	12298	12417	12362	12388	12526	13355	14017	14487	14926	15249	15503	
SRev ST-Coal		137	186	225	217	209	219	227	224	224	225	217	219	235	213	220	217	163	169	148	147	73	50	-26	
SRev OCGT-Gas		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	104	46	44	69	55	152	
SRev CCGT-Gas		559	394	434	586	801	988	1156	1317	1406	1558	1578	1661	1653	1567	1632	1687	2028	1457	1335	854	587	471	489	
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		13	13	13	13	12	12	10	8	12	10	38	29	21	18	11	12	11	11	10	12	13	17	16	
Syncon		1122	1122	1122	1223	1173	1324	1324	1324	1324	1324	1324	1173	1324	1173	1324	1324	1122	1122	1122	935	935	935	809	
Hydro		91	94	195	161	248	117	121	120	117	121	125	123	253	116	245	123	116	189	80	64	180	167	149	
S.Reserve Total		1922	1809	1989	2200	2443	2660	2838	2993	3083	3238	3282	3356	3335	3238	3281	3363	3642	2948	2695	2199	1788	1640	1563	