

Availability at Daily Maximum Demand Hour

ST-Coal	1,680 MW
ST-Gas	0 MW
ST-Oil	0 MW
Gas	3,899 MW
Hydro	1,858 MW
Distillate	0 MW
Total TNB	7,437 MW
Total IPP	10,952 MW
Total Co-Gen	0 MW
Total System	18,959 MW

Generation Mix

Type	MWh	Percentage
ST-Coal	39,548	12.21 %
Gas	55,047	16.99 %
Hydro	11,921	3.68 %
Total TNB	106,516	32.88 %
ST-Coal	115,561	35.67 %
Gas	101,994	31.48 %
Total IPP	217,555	67.15 %
Co-Gen	1,237	0.38 %
Total Co-Gen	1,237	0.38 %
Total Generation	325,308	100.41 %
PLTG	595	0.18 %
HVDC	728	0.22 %
Interconnection	1,323	0.41 %
Net Energy	323,985	100.00 %

Maximum Demand Record

Date: 6/11/2014	16,901 MW
Date: 6/24/2014	355,911 MWH

Set On Bus, TNB, IPP And MD

Daily Maximum Demand Hour at:	11:30:00 Hour
Total Set On Bus	16,770 MW
TNB Generation	5,116 MW
IPP Generation	10,429 MW
Spinning Reserve	1,178 MW
Maximum Demand	15,546 MW
Net Energy	323,985 MWH
Load Factor	86.83 %

Fuel Cost
Average Spinning Reserve During Peak Hour

Type	MW
GT	317
Hydro	365
Syncon	220
Thermal	128
Total	1,030

Time	Weather	Temperature
Afternoon	Cloudy	35
Morning	Sunny	25

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	12803	12204	11782	11438	11212	11055	11135	11336	11820	13849	14893	15433	15352	15009	15204	15305	15281	14890	13942	14124	14557	14222	13688	13266

Gas Usage

Station	(mmscfd)
CBPS	7
GLGR	56
PAKA	47
PGPS	51
SRDG	26
TJGS	219
Total TNB	407

KLPP	102
MPSS	56
PDPS	24
PGLA	108
PKLG	12
PLPS	96
PTEK	18
SGB3	82
SGRI	201
SKSP	38
YPGS	70
Total IPP	806

Total Gas 1,213
Total Gas Required 1,213
Alternate Fuel Usage

Station	(mmscfd)
Total	0

Daily MW Generation on Wednesday

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
PGAU	HY03	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1
PGAU	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
SIHY	HY01	50	50	50	50	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SIHY	HY02	50	50	50	50	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SIHY	HY03	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SYPS	HY01	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SYPS	HY02	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SYPS	HY03	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SYPS	HY04	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TMGR	HY01	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TMGR	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
TMGR	HY03	-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	HY04	34	37	38	35	37	36	35	34	34	35	32	35	36	34	35	38	36	35	34	33	33	34	34	34
UPIA	HY01	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
UPIA	HY02	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
Total Hydro		305	302	303	299	201	195	193	215	192	216	193	189	193	214	250	265	263	299	272	493	835	929	967	976
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	CUFK	22	23	22	23	23	22	24	25	24	25	24	24	23	23	25	23	22	21	21	20	20	20	21	20
PCUF	CUFK	32	32	32	33	33	32	34	35	34	35	34	34	35	35	34	34	32	31	30	28	25	26	25	26
Total Co-Gen		54	55	54	56	56	54	58	60	58	60	58	58	60	57	56	53	52	50	48	45	47	45	45	45
Total Gen		12867	12424	12280	12029	11884	11713	11489	11388	11248	11179	11139	11150	11160	11532	11419	11585	11849	13143	13845	14374	14987	15180	15512	15384
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	31	31	30	30	31	31	30	30	31	31	30	30	31	31	31	31	31	31	31	31	31	31
TIE-PLTG		34	6	45	25	72	46	21	35	5	46	54	34	-6	109	53	4	-1	19	-35	-10	64	1	48	
Interconnection		64	36	76	56	102	76	51	66	36	77	84	64	25	140	83	35	29	49	-4	21	94	31	79	
System Total		12893	12388	12204	11973	11782	11637	11438	11292	11212	11102	11055	11086	11135	11392	11336	11520	11820	13094	13849	14353	14893	15149	15433	
SRev ST-Coal		20	14	14	18	19	23	20	31	33	27	27	13	27	31	8	31	15	34	17	94	133	178	236	
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	
SRev CCGT-Gas		846	803	807	1052	1098	1257	1486	1630	1713	1814	1829	1828	1808	1453	1625	1483	1700	1083	521	135	105	228	103	
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	
SRev Co-Gen		22	21	22	20	20	22	18	16	18	16	18	18	18	18	16	19	20	23	24	26	28	31	29	
Syncon		724	724	724	724	724	724	573	724	573	724	724	724	573	724	573	724	573	724	573	724	573	724	573	
Hydro		125	127	126	130	128	127	129	258	130	257	129	133	129	259	147	157	159	281	157	237	488	605	567	
S.Reserve Total		1737	1689	1693	1944	1989	2153	2377	2508	2618	2687	2727	2716	2706	2334	2522	2411	2617	1991	1292	1063	887	1328	1235	