

Availability at Daily Maximum Demand Hour

ST-Coal	2,070 MW
ST-Gas	0 MW
ST-Oil	0 MW
Gas	3,565 MW
Hydro	1,658 MW
Distillate	567 MW
Total TNB	7,860 MW
Total IPP	9,834 MW
Total Co-Gen	0 MW
Total System	17,694 MW

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:	14:30:00 Hour
Total Set On Bus	17,078 MW
TNB Generation	7,159 MW
IPP Generation	8,976 MW
Spinning Reserve	864 MW
Maximum Demand	16,259 MW
Net Energy	334,029 MWH
Load Factor	85.60 %

Gas Usage

Station	(mmscfd)	Station	(mmscfd)
CBPS	2	CBPS	45
CBPS	59	PDPS	58
GLGR	61	PGGS	23
PAKA	126	PTEK	30
PGPS	43	KLPP	18
SRDG	35	SGRI	24
TJGS	213	PKLG	114
Total TNB	540	Total	311

Alternate Fuel Usage

Generation Mix

Type	MWh	Percentage
ST-Coal	51,834	15.52 %
Gas	69,737	20.88 %
Hydro	14,879	4.45 %
Distillate	5,986	1.79 %
Total TNB	142,436	42.64 %
ST-Coal	89,632	26.83 %
ST-Oil	11,727	3.51 %
Gas	74,276	22.24 %
Distillate	12,625	3.78 %
Total IPP	188,260	56.36 %
Co-Gen	1,877	0.56 %
Total Co-Gen	1,877	0.56 %
Total Generation	332,573	99.56 %
PLTG	-761	-0.23 %
HVDC	-695	-0.21 %
Interconnection	-1,456	-0.44 %
Net Energy	334,029	100.00 %

Fuel Cost

Average Spinning Reserve During Peak Hour

Type	MW
GT	444
Hydro	263
Syncon	158
Thermal	38
Total	903

Time	Weather	Temperature
Afternoon	Hot	32
Morning	Sunny	27

KLPP	90
MPSS	58
PDPS	3
PKLG	12
PLPS	108
PTEK	9
SGB3	22
SGRI	180
SKSP	55
YPKA	68
Total IPP	606
Total Gas	1,146
Total Gas Required	1,457

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	13123	12444	12003	11778	11408	11188	11569	11574	12277	13925	14762	15742	15652	15421	15872	16159	16072	15671	14423	14508	15258	14978	14507	13801

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																								
SRev Distillate		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	77	32	39	37	41	42	46	127	59	59	57	55	127	78	78	79	82	77	90	108	147	121	125	119	257	229	39	11					
SRev Co-Gen		-1	0	1	1	2	0	0	-1	0	-1	-2	0	-1	-1	-5	-1	1	3	7	9	-7	-4	-8	-2	0	-2	-5	-5	-3	-5	-4	-1	-5	-3	-7	-5	-3	-5	-4	-5	-2	-7	-5	-6	-5	-7	-7	
Syncon		626	626	626	626	727	727	727	727	576	727	727	727	727	727	727	727	576	727	86	388	151	151	151	151	87	87	87	87	87	87	87	0	0	0	475	626	727	576	324	174	174	325	325	325	325	325	476	
Hydro		155	197	148	209	196	167	95	92	221	98	122	100	108	79	111	105	95	221	117	363	385	519	473	476	501	354	353	270	259	220	227	184	254	283	365	269	101	100	219	215	153	418	281	98	238	185	248	100
S.Reserve Total		1119	1292	1303	1538	1553	1516	1528	1606	1780	1805	2139	2085	1816	1605	1786	2472	1980	1167	1237	875	1190	1092	912	874	967	933	970	1046	952	864	968	1091	1019	1082	1162	1327	1447	1763	1342	1118	950	1118	1164	1031	1297	1366	1212	1134