

Availability at Daily Maximum Demand Hour

ST-Coal	2,030 MW
ST-Gas	0 MW
ST-Oil	0 MW
Gas	4,219 MW
Hydro	1,766 MW
Distillate	0 MW
Total TNB	8,015 MW
Total IPP	10,880 MW
Total Co-Gen	0 MW
Total System	18,895 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:	11:30:00 Hour
Total Set On Bus	16,852 MW
TNB Generation	6,390 MW
IPP Generation	9,325 MW
Spinning Reserve	1,107 MW
Maximum Demand	15,745 MW
Net Energy	330,801 MWH
Load Factor	87.54 %

Gas Usage

Station	(mmscfd)
CBPS	18
CBPS	49
GLGR	58
PAKA	139
PGPS	42
SRDG	33
TJGS	219

Alternate Fuel Usage

Station	(mmscfd)
Total	0

Total TNB

Total TNB	557
KLPP	82
MPSS	59
PDPS	7
PGLA	112
PKLG	7
PLPS	107
PTEK	7
SGRI	192
SKSP	38
YPGS	70
YPKA	133
PKLG	54
Total IPP	870

Total Gas

Total Gas	1,427
Total Gas Required	1,427

Generation Mix

Type	MWh	Percentage
ST-Coal	48,121	14.55 %
Gas	71,962	21.75 %
Hydro	9,706	2.93 %
Total TNB	129,789	39.23 %
ST-Coal	91,868	27.77 %
ST-Gas	5,499	1.66 %
Gas	104,391	31.56 %
Total IPP	201,758	60.99 %
Co-Gen	899	0.27 %
Total Co-Gen	899	0.27 %
Total Generation	332,446	100.50 %
PLTG	918	0.28 %
HVDC	727	0.22 %
Interconnection	1,645	0.50 %
Net Energy	330,801	100.00 %

Fuel Cost

Average Spinning Reserve During Peak Hour

Type	MW
GT	255
Hydro	177
Syncon	543
Thermal	5
Total	980

Time	Weather	Temperature
Afternoon	Cloudy	33
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	13384	12763	12268	12036	11560	11399	11586	11735	12223	14046	14924	15548	15447	15016	15360	15434	15466	15073	14162	13959	14842	14662	14085	13522

Daily MW Generation on Tuesday

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	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	
SIHY	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	
SIHY	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	
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	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	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	48	48	78	40	41	48	47	48	45	47	46	46	47	53	46	41	44	36	39	39	78	78	78	38	
UPIA	HY01	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	
UPIA	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	
Total Hydro		237	242	466	376	392	452	428	449	427	379	380	411	424	540	438	376	396	284	304	356	867	656	569	630	
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	2	2	2	1	2	0	1	0	1	1	0	1	1	2	1	1	1	0	1	2	0	1	0	1	1
PCUF	CUFK	35	34	35	35	35	35	35	35	33	35	35	36	38	37	37	36	34	32	31	30	31	29	30	29	28
Total Co-Gen		37	36	37	36	37	35	36	35	34	36	35	37	39	38	39	37	35	33	31	30	32	31	30	28	
Total Gen		13446	12996	12869	12564	12389	12234	12110	11907	11630	11571	11512	11571	11678	11922	11838	11687	12316	13434	14099	14425	15006	15302	15558	15745	
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		31	30	30	30	30	30	31	31	31	31	30	29	29	30	30	31	31	30	30	30	30	30	30	30	30
TIE-PLTC		32	18	76	27	91	37	43	37	39	81	83	31	62	-28	73	41	63	93	22	8	52	30	-20	-30	
Interconnection		62	47	106	57	121	67	74	67	70	112	113	61	92	2	103	71	93	124	53	39	82	60	10		
System Total		13384	12949	12763	12507	12268	12167	12036	11840	11560	11459	11399	11510	11586	11920	11735	11616	12223	13310	14046	14386	14924	15242	15548	15745	
SRev ST-Coal		8	23	30	28	26	60	44	96	100	95	100	102	22	2	37	0	-1	3	-1	-8	6	-8	-9	7	
SRev DCGT-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 CCGT-Gas		391	272	209	425	620	740	858	1148	1468	1345	1402	1371	1359	1255	1287	1764	1796	865	394	237	228	186	188	158	
SRev ST-Gas		0	0	38	38	37	34	34	34	34	34	34	34	34	34	37	37	39	20	6	2	2	1	1	24	
SRev Co-Gen		39	40	39	40	39	41	40	41	41	42	40	41	39	37	38	37	39	41	43	45	46	44	45	46	
Syncon		624	624	624	624	624	624	624	473	624	624	624	624	473	624	725	725	725	725	624	473	624	624	624	624	
Hydro		157	152	128	218	202	142	166	145	318	215	214	183	170	205	156	117	97	209	189	238	178	313	250	189	
S.Reserve Total		1219	1111	1068	1373	1548	1641	1766	2088	2434	2355	2414	2355	2248	2006	2176	2680	2693	1882	1370	1142	1103	1189	1122		