

### Availability at Daily Maximum Demand Hour

ST-Coal	1,380 MW
ST-Gas	0 MW
ST-Oil	0 MW
Gas	3,898 MW
Hydro	1,650 MW
Distillate	0 MW
<b>Total TNB</b>	<b>6,928 MW</b>
<b>Total IPP</b>	<b>10,613 MW</b>
<b>Total Co-Gen</b>	<b>0 MW</b>
<b>Total System</b>	<b>17,541 MW</b>

### Generation Mix

Type	MWh	Percentage
ST-Coal	32,608	11.60 %
Gas	45,212	16.08 %
Hydro	7,620	2.71 %
<b>Total TNB</b>	<b>85,440</b>	<b>30.39 %</b>
ST-Coal	109,463	38.93 %
Gas	83,614	29.74 %
<b>Total IPP</b>	<b>193,077</b>	<b>68.67 %</b>
Co-Gen	2,095	0.75 %
<b>Total Co-Gen</b>	<b>2,095</b>	<b>0.75 %</b>
<b>Total Generation</b>	<b>280,612</b>	<b>99.80 %</b>
PLTG	134	0.05 %
HVDC	-700	-0.25 %
<b>Interconnection</b>	<b>-566</b>	<b>-0.20 %</b>
<b>Net Energy</b>	<b>281,178</b>	<b>100.00 %</b>

### 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:	20:00:00 Hour
Total Set On Bus	14,191 MW
TNB Generation	4,165 MW
IPP Generation	8,731 MW
Spinning Reserve	1,206 MW
Maximum Demand	13,025 MW
Net Energy	281,178 MWH
Load Factor	89.95 %

### Fuel Cost

#### Average Spinning Reserve During Peak Hour

Type	MW
GT	293
Hydro	99
Syncon	545
Thermal	19
<b>Total</b>	<b>956</b>

Time	Weather	Temperature
Afternoon	Hot	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	12715	12111	11650	11103	10844	10662	10663	10204	10131	10712	11383	11981	11962	11953	12102	12101	12027	11779	11554	12261	13025	12923	12663	12195

### Gas Usage

Station	(mmscfd)
GLGR	56
PAKA	13
PGPS	29
SRDG	6
TJGS	213
<b>Total TNB</b>	<b>317</b>
KLPP	114
PDPS	3
PGLA	104
PKLG	2
PLPS	98
SGB3	15
SGRI	193
SKSP	27
YPGS	27
YPKA	50
<b>Total IPP</b>	<b>634</b>
<b>Total Gas</b>	<b>951</b>
<b>Total Gas Required</b>	<b>951</b>

### Alternate Fuel Usage

Station	(mmscfd)
<b>Total</b>	<b>0</b>





### Daily MW Generation on Sunday

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
UPIA	HY02	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4
Total Hydro		322	357	273	262	260	257	255	250	196	202	165	170	193	178	202	279	290	296	325	307	311	404	423	513
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	CUFG	55	53	52	53	52	53	54	54	52	53	52	53	52	53	53	54	54	53	55	54	54	54	53	53
PCUF	CUFK	37	37	37	36	39	39	39	39	39	39	38	39	37	39	38	40	39	35	34	31	30	29	29	29
Total Co-Gen		92	90	89	89	91	92	93	93	91	92	93	91	91	91	90	92	91	94	93	88	89	85	84	83
Total Gen		12622	12335	12111	11822	11652	11372	11138	11099	10839	10809	10650	10716	10690	10560	10285	9966	10074	10430	10684	11031	11335	11578	11914	12098
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		-29	-29	-28	-28	-30	-30	-31	-29	-29	-30	-28	-29	-29	-29	-28	-30	-29	-28	-28	-28	-29	-29	-30	-30
TIE-PLTG		-64	-45	28	23	33	19	64	76	24	57	18	42	56	-26	110	-89	-29	-22	2	-10	-19	19	-37	-88
Interconnection		-93	-74	0	-5	2	-11	35	45	-5	28	-12	14	27	-55	81	-118	-57	-50	-28	-39	-48	-9	-67	-118
System Total		12715	12409	12111	11827	11650	11383	11103	11054	10844	10781	10662	10702	10663	10615	10204	10084	10131	10480	10712	11070	11383	11587	11981	12216
SRev ST-Coal		13	16	8	31	47	28	78	62	7	14	34	22	27	17	34	246	260	97	3	36	9	31	7	29
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
SRev CCGT-Gas		265	155	302	417	571	808	500	550	711	741	844	793	837	962	1243	1519	1407	1136	924	728	456	420	186	363
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		-16	-14	-13	-13	-15	-16	-17	-17	-15	-16	-17	-15	-15	-15	-14	-16	-15	-18	-17	-12	-13	-9	-8	-7
Syncon		821	619	720	720	720	720	720	569	569	720	720	720	720	720	720	720	720	720	720	720	720	720	720	720
Hydro		98	165	66	77	79	82	84	89	194	188	74	69	197	61	87	92	106	125	247	114	110	117	149	98
S.Reserve Total		1181	941	1083	1232	1402	1622	1365	1404	1466	1496	1655	1589	1615	1745	2070	2561	2478	2060	1726	1586	1282	1279	903	1052