

Availability At Daily Maximum Demand Hour

ST-Coal	1,200	MW
ST-Gas	0	MW
ST-Oil	155	MW
Gas	3,237	MW
Hydro	1,549	MW
Distillate	300	MW
<b>Total TNB</b>	<b>6,441</b>	<b>MW</b>
<b>Total IPP</b>	<b>11,402</b>	<b>MW</b>
<b>Total Co-Gen</b>	<b>60</b>	<b>MW</b>
<b>System Total</b>	<b>17,903</b>	<b>MW</b>

Set On Bus, TNB, IPP And MD

At Daily Maximum Demand Hour : 14:30

TNB Generation	5,163	MW
IPP Generation	9,760	MW
Total Set On Bus	15,742	MW
Maximum Demand	14,945	MW
Spinning Reserve	759	MW
Net Energy	306,381	MWH
Load Factor	85.4	%

Maximum Demand Record

Date :	09/05/2011	15,476.0 MW
Date :	10/05/2011	318,459.0 MWH

Hourly System MW Generation

	0000	0100	0200	0300	0400	0500	0600	0700	0800	0900	1000	1100	1200	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300
System Total	12057	11326	11106	10782	10661	10682	10750	10660	11360	12825	13692	14386	14407	14148	14644	14859	14798	14286	13434	13115	13674	13787	13596	12825

Gas Usage

Station	(mmscfd)
CBPS	52
GLGR	55
PAKA	183
PGPS	48
SRDG	7
TJGS	27
<b>TNB Total</b>	<b>374</b>
KLPP	39
MPSS	47
PGLA	85
PLPS	83
SGB3	44
SGRI	97
SKSP	51
YPGS	33
YPKA	104
<b>IPP Total</b>	<b>583</b>
<b>Total Gas</b>	<b>957</b>

Alternate Fuel Usage

Station	(mmscfd)
KLPP	52
PDPS	19
PGPS	34
PKLG	134
PLPS	23
PTEK	18
SGB3	35
SGRI	35
SRDG	21
TJGS	18
<b>Total</b>	<b>390</b>

Generation Mix

Type	MWh	Percentage
ST-Coal	27,359.00	8.93 %
ST-Oil	3,203.00	1.05 %
Gas	46,309.00	15.11 %
Hydro	16,695.00	5.45 %
Distillate	4,256.00	1.39 %
<b>Total TNB</b>	<b>97,822.0</b>	<b>31.93 %</b>
ST-Coal	93,403.0	30.49 %
ST-Oil	13,157.0	4.29 %
Gas	78,599.0	25.65 %
Distillate	22,130.0	7.22 %
<b>Total IPP</b>	<b>207,289.0</b>	<b>67.66 %</b>
Co-Gen	1,707.0	0.56 %
<b>Total Co-Gen</b>	<b>1,707.0</b>	<b>0.56 %</b>
<b>Total Generation</b>	<b>306,818.0</b>	<b>100.14 %</b>
PLTG	-295.0	-0.10 %
HVDC	732.0	0.24 %
<b>Interconnection</b>	<b>437.0</b>	<b>0.14 %</b>
<b>Net Energy</b>	<b>306,381.0</b>	<b>100.00 %</b>

Average SR During Peak Hour

Type	MW
GT	468
Hydro	159
Syncon	231
Thermal	42
<b>Total</b>	<b>900</b>

Weather Temperature

Weather	Temperature
Morning	Sunny 28
Afternoon	Rainy 28



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
SGB3	GT32	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SGB3	GT33	117	137	139	137	120	138	141	126	139	117	127	125	137	141	140	136	143	143	143	142	142	141	141	140
SGB3	ST34	67	70	70	72	67	73	73	68	72	67	67	69	69	73	73	71	75	155	219	221	205	190	206	207
SGRI	GT11	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SGRI	GT13	117	132	132	132	122	133	133	123	107	105	105	105	105	105	105	105	105	133	137	136	136	135	134	134
SGRI	ST14	70	73	72	72	69	73	71	71	63	64	64	64	68	63	65	65	65	69	77	112	145	149	149	150
SGRI	GT21	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SGRI	GT22	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SGRI	ST24	65	63	63	63	63	64	64	65	65	65	65	64	64	64	64	64	59	67	130	157	211	210	211	211
YPGS	GT12	107	106	107	107	107	107	107	109	107	107	107	108	108	108	108	107	107	105	105	105	105	105	105	105
YPGS	ST10	69	69	69	69	69	69	69	69	69	69	69	69	69	69	69	69	69	69	69	69	69	69	69	69
YPKA	BLK1	288	287	287	288	288	288	288	293	293	289	291	291	290	290	290	290	288	288	286	286	281	281	279	279
YPKA	BLK2	301	299	299	300	300	299	299	305	305	300	302	302	301	301	301	299	299	298	298	294	294	296	296	295
PLPS	GT11	142	143	143	143	142	140	138	139	139	139	123	108	130	139	132	115	138	138	142	141	139	139	138	137
PLPS	GT12	148	147	147	147	147	149	148	148	149	147	131	114	135	150	138	121	148	148	148	147	143	144	142	143
PLPS	GT13	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
PLPS	ST18	206	206	206	206	194	146	146	144	143	142	128	138	145	149	144	146	146	215	216	216	215	210	211	211
SKSP	BLK1	211	244	319	349	313	329	289	224	348	258	241	219	249	296	286	236	340	347	301	322	342	316	343	341
TJGS	GT1A	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TJGS	ST1C	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TJGS	GT2A	216	215	198	97	38	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TJGS	GT2B	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<b>Total CCGT-Gas</b>		<b>4848</b>	<b>4463</b>	<b>4437</b>	<b>4161</b>	<b>4157</b>	<b>4187</b>	<b>4148</b>	<b>3886</b>	<b>4049</b>	<b>3907</b>	<b>3857</b>	<b>3739</b>	<b>3865</b>	<b>3992</b>	<b>3970</b>	<b>3842</b>	<b>4494</b>	<b>5297</b>	<b>6016</b>	<b>6411</b>	<b>6635</b>	<b>6803</b>	<b>6857</b>	
SRDG	GT02	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SRDG	GT04	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<b>Total OCGT-Gas</b>		<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
BSIA	HY01	12	12	13	13	12	13	12	12	12	12	13	12	13	13	13	13	13	13	12	12	13	12	12	12
BSIA	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
CEND	HY01	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	8	8	8	8	8
CEND	HY02	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	8	9	8	8	8
CEND	HY03	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	9	9	9	9	9
CEND	HY04	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	7	7	7	7	7
KNRG	HY01	20	24	25	27	21	22	23	20	23	20	22	20	24	22	24	23	25	26	21	23	29	21	25	24
KNRG	HY02	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	21	22	21	20	21
KNRG	HY03	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3	22	23	22	21
KNYR	HY01	57	58	0	0	0	0	0	0	0	95	92	97	93	97	90	96	96	90	91	97	93	97	96	95
KNYR	HY02	56	102	98	104	96	99	100	94	99	93	99	96	103	98	102	95	103	103	96	99	103	97	104	104
KNYR	HY04	55	101	102	103	95	99	103	94	99	93	99	96	102	98	102	94	102	102	94	98	101	97	102	102
LPIA	HY01	23	23	23	23	23	23	23	23	23	23	23	23	23	23	23	23	23	23	23	23	23	23	23	23
MNOR	HY01	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	5	5	7	7	7
PGAU	HY01	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	127	111	120	141
PGAU	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
PGAU	HY04	-1	-1	-1	-1	21	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	88	86	82	-1	83
SIHY	HY01	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	29	29	50	49	50
SIHY	HY02	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	30	30	50	50	30
SIHY	HY03	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	30	30	49	49	49
SYPS	HY01	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	16	16	25	25	25
SYPS	HY02	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	16	16	25	25	25
SYPS	HY03	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	16	16	24	24	24

