

**Availability At Daily Maximum Demand Hour**

ST-Coal	1,380	MW
ST-Gas	200	MW
ST-Oil	0	MW
Gas	2,456	MW
Hydro	1,829	MW
Distillate	1,930	MW
<b>Total TNB</b>	<b>7,795</b>	<b>MW</b>
<b>Total IPP</b>	<b>10,507</b>	<b>MW</b>
<b>Total Co-Gen</b>	<b>44</b>	<b>MW</b>
<b>System Total</b>	<b>18,346</b>	<b>MW</b>

**Set On Bus, TNB, IPP And MD**

At Daily Maximum Demand Hour : 16:00

TNB Generation	5,231	MW
IPP Generation	9,515	MW
Total Set On Bus	15,867	MW
Maximum Demand	14,899	MW
Spinning Reserve	1,077	MW
Net Energy	313,939	MWH
Load Factor	87.8	%

**Maximum Demand Record**

Date :	20/06/2012	15,826.0 MW
Date :	20/06/2012	328,716.0 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	12919	12312	11913	11657	11076	10933	11020	11081	11415	12899	13746	14517	14386	13957	14155	14891	14899	14595	13592	13279	14183	14084	13615	13227

**Gas Usage**

Station	(mmscfd)
CBPS	49
GLGR	62
PAKA	140
TJGS	58
<b>TNB Total</b>	<b>309</b>
KLPP	43
MPSS	56
PGLA	86
PLPS	73
SGB3	40
SGRI	128
SKSP	57
YPKA	69
<b>IPP Total</b>	<b>553</b>
<b>Total Gas</b>	<b>862</b>

**Total Gas Required :** 1,450  
**Gas Calorific Value :** 38.500

**Alternate Fuel Usage**

Station	(mmscfd)
KLPP	54
PDPS	32
PGPS	50
PKLG	136
PLPS	47
PTEK	23
SGB3	45
SGRI	35
SRDG	20
TJGS	146
<b>Total</b>	<b>588</b>

**Generation Mix**

Type	MWh	Percentage
ST-Coal	33,109.00	10.55 %
Gas	39,467.00	12.57 %
Hydro	15,223.00	4.85 %
Distillate	28,016.00	8.92 %
<b>Total TNB</b>	<b>115,815.0</b>	<b>36.89 %</b>
ST-Coal	83,680.0	26.65 %
ST-Oil	13,387.0	4.26 %
Gas	71,747.0	22.85 %
Distillate	27,255.0	8.68 %
<b>Total IPP</b>	<b>196,069.0</b>	<b>62.45 %</b>
Co-Gen	1,277.0	0.41 %
<b>Total Co-Gen</b>	<b>1,277.0</b>	<b>0.41 %</b>
<b>Total Generation</b>	<b>313,161.0</b>	<b>99.75 %</b>
PLTG	-76.0	-0.02 %
HVDC	-702.0	-0.22 %
<b>Interconnection</b>	<b>-778.0</b>	<b>-0.25 %</b>
<b>Net Energy</b>	<b>313,939.0</b>	<b>100.00 %</b>

**Average SR During Peak Hour**

Type	MW
GT	312
Hydro	164
Syncon	452
Thermal	24
<b>Total</b>	<b>952</b>

**Weather**

Morning	Sunny
Afternoon	Hot

**Temperature**

26
34

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																										
PKLG	U003	272	276	271	272	270	273	277	273	271	263	270	268	265	260	271	272	273	272	274	273	275	272	266	272	270	267	270	269	267	268	273	271	274	274	270	267	270	271	271	271	270	273	269							
PKLG	U004	143	143	132	180	228	264	265	265	263	266	263	266	265	265	266	264	261	267	263	265	265	266	264	264	263	263	264	264	265	265	266	267	270	264	267	264	261	266	267	250	245	244								
PKLG	U005	424	424	425	425	424	424	425	425	426	426	424	424	425	426	425	423	426	424	424	424	424	424	424	425	425	426	423	425	425	425	425	425	425	425	425	425	425	425	425	426	426	424	424	426						
PKLG	U006	462	462	463	463	463	463	462	462	462	462	462	462	463	463	463	463	462	462	462	462	462	462	462	462	462	462	463	463	464	461	462	462	463	463	462	463	463	462	461	464	465	462	424	362						
JMJG	U001	690	690	690	689	694	687	690	692	690	697	689	689	690	688	690	685	691	691	690	691	691	690	690	688	690	692	692	692	690	692	691	692	692	689	686	691	689	692	689	689	689	691	688	687	691	691	686	690		
JMJG	U002	688	692	690	690	690	696	692	691	696	689	691	691	688	693	690	657	693	686	689	689	693	690	691	688	690	692	690	686	690	689	688	692	691	689	690	691	689	694	689	689	689	688	691	690	693	691	690	686		
TBIN	U001	690	693	693	695	691	692	696	695	694	692	695	694	694	694	693	694	699	695	695	694	691	694	692	697	689	693	694	694	693	692	696	693	695	692	692	691	691	693	694	693	690	691	693	692	694	692	690			
TBIN	U002	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0				
TBIN	U003	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0			
JMAH	U001	700	699	701	700	703	705	709	699	701	701	700	702	701	705	699	705	703	699	701	701	702	702	698	705	699	705	698	705	704	705	703	699	699	699	699	694	694	711	701	704	699	702	702	703	703	703	700	705	696	
JMAH	U002	702	707	700	702	704	698	710	703	702	702	705	710	702	701	705	705	705	705	705	705	705	702	701	708	703	703	705	704	702	703	698	703	703	706	698	702	700	704	700	701	701	707	701	707	699	704	698			
<b>Total ST-Coal</b>		<b>4771</b>	<b>4786</b>	<b>4765</b>	<b>4816</b>	<b>4869</b>	<b>4899</b>	<b>4922</b>	<b>4909</b>	<b>4907</b>	<b>4906</b>	<b>4892</b>	<b>4908</b>	<b>4895</b>	<b>4903</b>	<b>4900</b>	<b>4871</b>	<b>4921</b>	<b>4904</b>	<b>4901</b>	<b>4902</b>	<b>4909</b>	<b>4899</b>	<b>4888</b>	<b>4908</b>	<b>4894</b>	<b>4905</b>	<b>4898</b>	<b>4901</b>	<b>4902</b>	<b>4912</b>	<b>4896</b>	<b>4899</b>	<b>4902</b>	<b>4889</b>	<b>4890</b>	<b>4889</b>	<b>4906</b>	<b>4908</b>	<b>4912</b>	<b>4892</b>	<b>4892</b>	<b>4897</b>	<b>4901</b>	<b>4900</b>	<b>4917</b>	<b>4879</b>	<b>4843</b>	<b>4761</b>		
PGPS	U002	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	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 ST-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>	<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>		
PKLG	U001	284	284	284	284	284	284	284	284	284	284	284	284	284	284	284	284	284	284	284	284	284	284	284	284	284	284	284	284	285	285	284	284	284	284	284	285	285	285	285	285	284	284	284	284	284	284	284			
PKLG	U002	278	278	278	278	278	278	278	278	278	278	278	278	278	278	278	278	278	278	278	278	278	278	278	278	278	278	278	278	278	278	278	278	278	278	278	278	278	278	278	278	278	279	279	279	279	279	279	279	279	279
<b>Total ST-Oil</b>		<b>562</b>	<b>562</b>	<b>562</b>	<b>562</b>	<b>562</b>	<b>562</b>	<b>562</b>	<b>562</b>	<b>562</b>	<b>562</b>	<b>562</b>	<b>562</b>	<b>562</b>	<b>562</b>	<b>562</b>	<b>562</b>	<b>562</b>	<b>562</b>	<b>562</b>	<b>562</b>	<b>562</b>	<b>562</b>	<b>562</b>	<b>562</b>	<b>562</b>	<b>562</b>	<b>562</b>	<b>562</b>	<b>562</b>	<b>562</b>	<b>562</b>	<b>562</b>	<b>562</b>	<b>562</b>	<b>563</b>	<b>563</b>	<b>562</b>	<b>562</b>	<b>562</b>	<b>562</b>	<b>564</b>	<b>564</b>	<b>564</b>	<b>564</b>	<b>563</b>	<b>563</b>	<b>563</b>			
CBPS	GT1A	98	99	88	58	0	0	0	0	0	0	0	0	0	30	73	100	100	100	100	100	99	99	99	99	97	97	97	97	97	97	97	96	97	97	98	98	98	97	99	98	99	99	99	99	100	100	100	100		
CBPS	GT1B	96	98	89	88	98	98	89	89	89	90	89	89	89	89	84	99	99	100	99	98	98	97	98	96	96	95	95	95	95	95	95	95	95	95	95	95	96	97	96	95	97	97	97	97	98	99	98	99	98	99
CBPS	ST1C	103	103	103	50	50	50	50	50	50	50	50	50	50	50	50	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
GLGR	GT01	101	101	101	101	101	101	102	102	102	102	102	103	103	103	103	101	102	102	102	101	101	102	101	101	100	99	101	99	98	99	98	98	99	99	100	100	100	101	100	101	101	101	101	101	101	101	101	101	101	100
GLGR	GT02	106	105	105	105	106	106	105	106	106	106	106	106	106	105	106	106	106	105	106	105	106	105	106	105	105	105	104	103	104	103	104	104	104	103	104	104	104	106	105	105	105	105	105	105	105	105	105	105	105	105
GLGR	ST1C	98	98	97	98	98	97	98	98	98	97	97	98	97	97	98	98	98	98	98	98	98	97	97	97	97	97	97	96	96	96	96	96	96	96	97	96	96	97	97	98	97	97	98	98	97	97	97	98	98	
KLPP	GT13	0	0	0	0	0	65	64	64	64	65	65	65	65	65	25	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
KLPP	GT14	0	0	0	0	74	64	78	64	63	64	63	64	65	63	64	27	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
KLPP	GT15	146	145	115	69	68	68	83	68	67	68	67	67	67	66	67	67	116	144	143	142	143	141	144	144	144	144	143	144	143	144	143	144	142	144	145	144	144	144	144	144	144	145	145	144	145	146	145	145	145	145
KLPP	ST17	184	184	176	120	116	124	127	127	128	128	127	127	128	128	129	114	136	180	184	184	184	185	183	184	188	184	184	183	183	182	182	183	183	184	184	184	184	180	183	183	184	188	192	192	192	192	193	193	193	193
MPSS	GT01	106	108	108	108	108	107	83	75	62	61	63	63	62	64	95	107	106	105	105	105	106	106	106	105	106	104	106	105	104	107	107	104	104	102	101	102	104	103	105	104	105	105	105	105	105	105	105	105	105	103
MPSS	GT02	104	106	106	106	106	105	82	73	61	61	62	62	62	61	61	63	61	95	107	106	103	105	104	106	104	105	103	105	104	103	105	103	102	100	99	104	102	103	104	103	104	103	104	105	102	103	103	103	103	103
MPSS	ST01	107	106	105	105	105	105	81	70	49	49	48	48	48	48	48	48	76	105	107	108	107	109	109	110	110	111	111	111	110	112	111	111	112	111	112	105	105	107	109	109	108	108	108	108	108					

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	
PLPS	GT12	145	145	102	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	74
PLPS	GT13	144	143	145	145	144	146	144	145	146	144	144	145	145	144	142	142	141	141	141	141	140	0	0	0	0
PLPS	ST18	213	213	208	204	206	204	202	202	202	195	204	194	195	195	195	202	202	202	202	202	202	203	203	203	198
SKSP	BLK1	213	305	341	343	341	333	346	277	227	251	232	271	225	334	316	339	347	344	344	334	345	344	345	302	333
TJGS	GT2A	221	220	220	220	220	221	188	163	166	166	166	167	166	166	166	205	221	223	221	220	221	221	220	220	200
TJGS	GT2B	215	215	215	215	214	181	155	159	161	160	160	159	161	160	161	160	198	216	216	213	216	215	215	215	214
TJGS	ST2C	261	261	261	261	261	259	227	233	225	225	225	225	225	225	225	247	258	259	259	260	260	260	260	261	256
Total CCGT-Gas		4970	4675	4281	3989	3926	3944	3778	3608	3456	3484	3395	3523	3413	3518	3553	3494	3549	4306	4624	4987	5122	5195	5197	5154	5167
SRDG	GT01	0	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	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	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	0
Total 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	0
BSIA	HY02	12	11	11	11	11	11	11	11	11	11	11	10	10	10	10	10	22	21	21	22	22	22	12	12	12
BSIA	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	0
CEND	HY01	7	7	7	7	7	7	8	7	7	7	7	7	7	7	7	7	7	7	7	8	7	7	7	7	7
CEND	HY02	7	8	7	7	8	7	8	7	7	8	7	7	7	8	7	7	7	7	7	8	7	7	7	7	7
CEND	HY04	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7
KNRG	HY01	32	29	28	27	29	25	33	26	26	28	27	23	27	26	19	22	24	23	23	38	37	38	36	35	36
KNYR	HY01	89	100	100	100	100	100	58	75	100	79	53	74	95	56	92	100	100	100	92	63	100	93	64	75	68
KNYR	HY02	58	101	101	98	101	80	101	76	97	101	93	91	81	85	65	95	101	99	101	97	95	79	69	66	78
KNYR	HY03	88	100	100	100	100	98	100	97	99	100	92	98	100	94	100	100	100	99	97	100	95	95	97	96	96
KNYR	HY04	90	99	99	99	99	99	99	98	100	99	100	93	100	99	95	99	99	99	99	99	99	96	96	98	97
LPIA	HY01	5	7	6	6	6	5	7	5	5	6	6	5	6	7	6	9	10	9	8	8	10	6	5	6	5
MNOR	HY01	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4
PGAU	HY01	-1	-1	-1	-1	-1	52	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1
PGAU	HY02	-1	-1	-1	-1	24	-1	71	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1
PGAU	HY03	-1	-1	-1	-1	23	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1
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	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	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	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	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	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	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	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	0
TMGR	HY01	-1	-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	HY02	30	-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	0	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	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	-1
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	5
Total Hydro		429	472	469	465	520	442	602	395	437	470	440	392	470	498	406	492	513	500	703	656	621	729	849	844	752
KLPP	GT13	128	128	114	65	50	0	0	0	0	0	0	0	0	129	128	127	128	125	125	128	128	128	127	128	127
KLPP	GT14	127	126	112	28	0	0	0	0	0	0	0	0	0	105	104	126	126	126	125	124	125	127	126	125	126
PGPS	GT3A	83	83	83	83	83	82	83	83	83	83	83	82	84	83	83	84	82	82	83	82	81	81	81	81	81
PGPS	GT3B	95	94	95	95	94	95	94	94	94	95	95	95	95	95	95	94	94	94	94	94	94	93	94	93	93
PGPS	ST3C	82	82	82	82	82	82	82	82	82	82	82	82	82	82	82	82	82	82	82	82	82	82	82	82	82
SGBB	GT31	129	129	121	124	105	63	57	57	58	58	58	61	60	60	58	58	0	0	0	0	0	0	0	0	0
SGBB	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	0
SGBB	GT33	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

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																											
SGRI	GT11	125	125	99	68	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0																										
SGRI	GT12	40	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	GT21	121	121	98	107	64	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0																										
SRDG	GT05	0	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	GT12	0	0	0	140	144	146	145	146	145	146	147	146	145	145	144	144	146	145	145	145	145	145	145	145	145																										
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	0																										
TJGS	GT1A	188	188	188	188	186	190	189	189	189	189	189	189	189	189	189	189	189	189	189	189	189	189	189	189	189																										
TJGS	GT1B	178	178	178	178	178	178	178	178	178	178	178	178	178	178	178	178	178	178	178	178	178	178	178	178	178																										
TJGS	ST1C	186	186	186	186	186	186	186	183	183	183	183	183	183	183	183	186	186	189	189	189	189	189	189	189	189																										
TJGS	GT2A	0	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	GT2B	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	224	222	225	224	224	224	224	223																										
TJGS	ST2C	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	245	245	244	244	244	244	244	242																										
<b>Total Distillate</b>		1482	1440	1356	1344	1172	1023	1013	1012	1013	1015	1020	1018	1013	1015	1061	1189	1297	1564	1582	1702	1701	1699	1691	1676	1661	1658	2380	2381	2386	2260	2293	2312	2265	2182	2337	2431	2433	2433	2437	2436	2439	2382	2165	2164	2165	2166					
PCUF	CUFG	17	17	18	18	17	17	17	18	17	17	18	18	17	17	18	18	17	18	16	16	16	16	15	16	15	15	15	16	16	15	16	15	15	15	15	15	17	17	17	17	17	18	17								
PCUF	CUFK	33	33	32	35	32	32	33	33	31	32	32	33	32	31	34	34	33	33	30	30	30	31	30	28	28	28	26	29	29	28	30	28	30	29	31	31	32	31	31	29	31	32	32	33	29	31	32				
<b>Total Co-Gen</b>		50	50	50	53	49	49	50	51	48	49	49	51	50	49	48	51	52	51	50	48	46	46	47	46	43	44	43	41	44	45	44	45	44	46	46	46	47	48	48	46	49	49	49	50	46	49	49				
<b>Total Gen</b>		12264	11985	11483	11229	11098	10919	10927	10537	10422	10484	10353	10456	10408	10543	10482	10485	10658	11512	12137	12719	12842	13133	13244	13213	13109	12804	12712	12773	12845	13135	13040	13027	12978	12866	12757	12443	12046	12343	12410	12628	13109	13013	13006	12972	12699	12717	12349	12250			
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	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	-29	-29	-30	-30	-30	-30	-29	-29	-30	-30	-29	-29	-29	-29	-29	-29	-30	-30	-28	-31	-29	-29	-29	-29	-29	-29	-29	-29	-29	-29	-29	-29	-29	-29	-29	-29	-29	-29	-29	-29	-29	-29	-29	-29	-29	-29			
TIE-PLTG		154	-40	-83	-3	-71	72	-21	-4	-25	-2	46	28	17	-41	29	49	-124	-33	-29	1	32	-94	9	-17	105	17	40	-58	64	39	-16	-34	-80	-87	-13	-20	161	94	40	51	41	-41	40	3	-15	-76	22	18			
<b>Interconnection</b>		125	-69	-112	-32	-101	42	-51	-34	-54	-31	16	-2	-12	-70	0	20	-153	-62	-58	-28	2	-124	-19	-48	76	-12	11	-88	35	10	-45	-63	-109	-116	-42	-49	132	65	11	22	12	-70	10	-27	-44	-105	-7	-11			
<b>System Total</b>		12919	12761	12312	11976	11913	11565	11657	11249	11076	11112	10933	11057	11020	11212	11081	11063	11415	12241	12899	13621	13746	14283	14517	14623	14386	14109	13957	14122	14155	14624	14891	14870	14899	14803	14595	14166	13592	13283	13279	13667	14183	14173	14084	13871	13615	13690	13227	13107			
SRev ST-Coal		29	14	35	-16	-69	21	8	21	23	24	38	22	35	27	30	59	9	26	29	28	21	31	42	22	36	25	32	29	28	18	34	31	28	41	40	41	24	22	18	38	38	33	29	30	13	51	87	117			
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	0	0	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 ST-Oil		-2	-2	-2	-2	-2	-2	-2	-2	-2	-2	-2	-2	-2	-2	-2	-2	-2	-2	-2	-2	-2	-2	-2	-2	-2	-2	-2	-2	-2	-2	-2	-2	-2	-2	-2	-2	-2	-2	-3	-3	-2	-2	-2	-2	-2	-4	-4	-4	-4	-3	-3
SRev CCGT-Gas		300	397	423	527	751	1069	1274	1445	1675	1650	1740	1609	1718	1614	1579	1639	1678	1138	933	305	245	153	156	200	192	224	230	265	255	226	213	267	226	196	293	424	457	672	660	206	295	303	298	285	284	293	298	533			
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	0	0	0	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 Distillate		177	30	114	266	178	77	97	98	98	97	95	90	92	97	97	95	49	61	73	81	52	64	72	75	86	111	157	151	133	73	88	111	197	164	96	186	159	228	106	33	27	27	26	78	25	26	25	24			
SRev Co-Gen		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Syncon		625	711	711	711	409	711	409	711	711	711	711	625	625	625	625	625	388	388	388	539	539	539	539	539	539	539	539	539	539	539	539	539	539	539	539	539	539	539	539	539	539	539	539	539	539	539	539	539	539	539	
Hydro		181	52	55	59	306	82	224	107	87	54	84	110	140	112	204	118	97	110	144	191	253	81	112	202	206	181	200	106	240	206	149	115	89	229	198	99	223	142	222	283	162	254	275	267	232	167	294	107			
<b>S.Reserve Total</b>		1310	1202	1336	1545	1573	1958	2010	2380	2592	2534	2666	2540	2608	2473	2533	2534	2456	1958	1565	991	957	866	919	1036	1143	1164	1242	1174	1128	758	1021	1061	1077	1167	1164	1222	1485	1686	1629	1183	1145	1240	1249	1281	1175	1007	1225	1252			