

Daily System Generation Summary on Monday

Monday, October 17, 2022

Availability at Daily Maximum Demand Hour

ST-Coal	0 MW
ST-Gas	0 MW
ST-Oil	0 MW
Hydro	2,472 MW
Distillate	0 MW
Total TNB	2,472 MW
Total IPP	16,421 MW
Total Co-Gen	0 MW
Total System	21,050 MW

Generation Mix

Type	MWh	Percentage
Hydro	30,215	8.16 %
Gas	36,533	9.86 %
Total TNB	66,748	18.02 %
ST-Coal	197,672	53.35 %
LSS	6,111	1.65 %
Distillate	3,466	0.94 %
Gas	96,303	25.99 %
Total IPP	303,552	81.93 %
Co-Gen	378	0.10 %
Total Co-Gen	378	0.10 %
Total Generation	370,678	100.05 %
PLTG	1,839	0.50 %
HVDC	-1,655	-0.45 %
Interconnection	184	0.05 %
Net Energy	370,494	100.00 %

Maximum Demand Record

Date: 5/24/2022	19,183 MW
Date: 5/24/2022	398,523 MWH

Set On Bus, TNB, IPP And MD

Daily Maximum Demand Hour at:	16:30:00 Hour
Total Set On Bus	18,441 MW
TNB Generation	3,879 MW
IPP Generation	13,910 MW
Spinning Reserve	641 MW
Maximum Demand	17,763 MW
Net Energy	370,494 MWH
Load Factor	86.91 %

Fuel Cost

Total Cost:	132,644,555.15 RM
Cost per Unit	35.78 cents/kWH

Average Spinning Reserve During Peak Hour

Type	MW
GT	650
Hydro	335
Syncon	170
Thermal	191
Total	1,346

Time	Weather	Temperature
Afternoon	Hot	34
Morning	Rainy	25

Gas Usage

Station	(mmscfd)
GLGR	40
SRDG	9
TJGS	106
Total TNB	155
CBPS	38
EMPP	265
KLPP	10
NPRI	80
PCGP	87
PGLA	60
PLPS	65
SGB3	12
SKSP	22
SPGP	100
Total IPP	738
Total Gas	893

Total Gas Required 928

Alternate Fuel Usage

Station	(mmscfd)
EMPP	8
KLPP	3
PLPS	19
SGB3	5
Total	35

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	14369	13784	13240	12830	12566	12420	12723	12858	13438	15219	16130	16623	16683	16422	17021	17658	17747	17375	16482	16781	17311	17137	16700	16173

Prepared By: -Select Name-

Checked By: -Select Name-

Printed on: Wednesday, November 2, 2022 3:40:36 PM
(Ir. Shanmugam Thoppalan)
Head
Grid System Operator

Daily MW Generation on Monday

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																											
JMAH	U001	352	354	354	356	354	354	354	353	354	354	354	355	354	355	355	355	354	355	354	355	353	354	355	355	355	354	355																								
JMAH	U002	711	704	706	702	703	704	703	707	705	702	707	707	709	703	706	704	706	701	706	704	706	704	701	704	705	707	706	705	704																						
JMHE	U001	979	904	901	904	846	850	850	849	801	800	802	802	802	798	800	801	850	845	907	980	982	978	983	978	978	980	977	978	978																						
JMHE	U002	980	905	901	904	844	849	851	848	803	798	799	803	798	800	798	803	852	842	903	975	980	981	975	982	979	977	978	975	980																						
JMJG	U001	672	673	669	672	672	671	673	672	675	670	675	671	672	673	678	689	689	690	694	697	697	690	696	697	696	700	693	699	671	668	671	673	672	675	668	673	668	674	677	673	673	671	671	676	670	672	671	670			
JMJG	U002	673	673	672	682	677	677	676	674	673	678	676	675	676	673	675	677	677	677	674	675	676	674	667	673	664	672	671	670	670	671	671	670	668	672	671	668	667	668	674	670	671	671	672	668	669	670	666	668			
JMJG	U003	668	673	666	678	667	667	678	671	657	673	665	668	667	666	670	667	672	667	672	657	682	663	673	672	669	673	682	657	667	654	685	647	669	645	667	662	670	657	586	576	615	585	582	608	584	585	606	610			
JMJG	U004	974	924	903	903	887	854	854	854	823	805	806	803	807	810	809	807	834	856	867	925	974	971	973	971	972	972	974	973	974	978	973	972	975	972	974	972	975	974	975	977	974	971	975	972	975	972	975				
PKLG	U003	0	28	41	52	58	56	87	93	120	119	121	142	141	141	141	143	141	141	140	140	140	134	141	168	217	216	212	212	211	210	210	211	144	146	154	185	181	216	223	222	221	226	226	225	225	225	225				
PKLG	U004	274	268	274	275	272	273	274	269	272	274	271	274	273	273	272	288	275	272	272	274	272	275	274	270	272	272	269	273	272	272	272	271	272	268	274	275	273	273	275	270	270	272	271	273	269	272	276				
PKLG	U005	471	467	470	468	470	467	466	460	469	468	464	465	475	468	470	468	470	470	470	473	469	467	465	464	466	468	468	466	463	464	467	466	471	476	466	472	467	468	474	472	470	470	476	471	468	468	468	465			
PKLG	U006	447	449	447	445	446	448	447	442	442	446	443	442	446	442	443	443	447	451	450	446	449	444	446	445	443	444	442	446	448	445	442	442	444	444	445	442	444	445	442	443	443	442	445	444	444	443	442	445			
TBIN	U002	701	702	700	702	702	701	713	700	699	700	702	702	701	701	699	698	700	699	703	700	701	701	702	698	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	75	187	
TBIN	U003	696	696	696	697	699	699	696	704	699	700	695	697	701	698	698	697	696	698	696	699	697	696	696	698	696	699	696	699	697	698	700	698	697	700	695	699	692	700	699	696	700	697	704	702	697	698	700	698			
Total ST-Coal		8598	8420	8400	8440	8297	8270	8322	8296	8192	8187	8180	8205	8223	8200	8214	8240	8363	8361	8509	8699	8780	8734	8759	8774	8107	8133	8117	8110	8090	8070	8109	8073	8026	8015	8025	8065	8041	8096	8037	8029	8052	8015	8040	8052	8014	8029	8106	8236			
Total ST-Oil		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			
Total 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			
CBPS	BLK2	244	201	199	204	200	194	201	194	209	202	201	201	203	204	199	202	201	192	195	193	236	238	241	238	244	193	247	269	270	271	270	266	259	252	253	252	244	258	254	260	201	199	211	210	207	214	206	207			
EMPP	BLK1	686	601	600	377	371	368	375	376	387	374	375	377	377	377	376	377	376	522	646	714	714	711	710	688	690	683	716	694	705	705	707	710	721	713	712	713	701	717	713	726	712	574	709	708	692	684	678	680			
EMPP	BLK2	686	601	600	378	371	367	375	376	387	375	375	376	377	377	377	376	377	691	715	713	714	709	707	688	691	677	716	694	704	709	707	711	719	713	712	712	701	718	712	726	698	706	709	708	691	680	674	676			
EMPP	BLK3	686	711	711	713	706	543	375	375	387	375	375	376	377	377	377	377	690	715	713	714	710	706	688	690	676	716	694	700	710	706	711	719	713	712	714	701	718	712	727	698	708	709	369	0	0	0	0				
GLGR	GT01	92	93	92	93	93	92	92	93	93	92	93	94	93	92	92	94	93	90	91	91	92	91	90	91	92	98	100	100	96	103	103	102	102	102	102	102	102	102	103	65	65	92	108	108	108	107	79	66	78	92	
GLGR	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	16	34	63	96	103	102	102	102	102	102	102	103	65	65	93	107	107	107	107	78	66	59	0			
GLGR	ST1C	40	40	40	41	40	41	40	41	41	41	41	41	41	41	40	41	40	40	41	40	40	40	41	40	41	42	42	42	65	94	94	94	94	94	94	94	94	76	71	83	98	98	98	98	84	71	71	40			
KLPP	GT14	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	20	50	108	0	0	0		
KLPP	GT15	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	17	27	27	34	24	18	26	55	60	151	149	149	151	151	151	111	107	107		
KLPP	ST17	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	11	12	29	34	68	69	69	64	115	122	132	131	131				
NPRI	BLK2	496	517	517	520	514	506	516	508	529	517	518	518	521	521	514	518	518	506	509	388	509	512	512	477	482	476	406	512	514	516	515	520	526	520	514	518	507	526	524	532	521	518	520	514	509	523	513	512			
PCGP	PGRG	557	599	599	608	597	583	499	388	424	407	401	401	408	408	397	403	486	577	586	582	583	595	600	588	588	579	612	591	594	788	787	800	818	800	798	600	576	612	610	630	602	593	600	598	588	607	586	589			
PGLA	GT11	0	0	0	0	16	12	11	12	28	97	101	102	112	112	112	121	140	145	145	144	144	149	146	145	227	174	173	190	216	216	217	217	217	218	217	217	216	168	207	218	217	204	131	198	214	136	0	0			
PGLA	GT12	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	14	101	112	191	220	220	220	220	220	220	220	220	220	220	220	220	220	220	220	220	220	220	220	220	220	220
PGLA	ST10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	60	92	83	83	83	83	84	83	83	83	99	90	91	211	242	243	242	241	241	242	242	242	242	242	205	220	240	240	238	182	217	238	149	82	86		
PLPS	GT11	106	64	64	64	64	64	64	64	64	65	63	65	64	65	64	64	65	114	115	111	110	114	114	110	110	111	120	115	115	134	134	1																			

Daily MW Generation on Monday

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																												
Total CCGT-Gas		4906	4746	4657	4257	4229	4020	3803	3692	3637	3520	3570	3625	3761	3993	3962	3951	4247	5153	5411	5342	5510	5747	5902	5792	6067	6140	5710	6069	6292	6850	6970	7105	7168	7127	7138	6908	6845	6515	6754	7103	6993	6826	6816	6711	6269	5876	5492	5085				
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	0	0	120	122	90	89	89	89	128	128	128	56	0	0	39	129	129	89	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	0	0	120	122	90	89	89	89	128	128	128	56	0	0	39	129	129	89	0	0	0	0	0				
BSIA	HY01	22	21	22	21	21	21	21	21	0	0	0	0	0	0	11	11	11	21	21	21	21	21	21	21	21	21	21	21	21	21	21	21	21	21	21	21	21	21	21	21	21	21	21	21	21	21	21	21				
BSIA	HY02	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20				
BSIA	HY03	22	22	22	22	22	22	22	22	7	0	0	0	0	0	11	11	11	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22		
CEND	HY01	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9		
CEND	HY02	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9		
CEND	HY03	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9		
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	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		
HTRG	HY01	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	63	63	63	63	63	117	118	120	120	120	120	120	120	120	120	120	120	120	120	120	120	120	120	120	120	120	120	120	120	120	120	120	
HTRG	HY02	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	63	63	63	63	63	117	116	63	63	63	62	62	62	99	100	100	100	62	116	117	116	116	116	117	115	117	117	117	117	117	117	117	
HTRG	HY03	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	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	31	30	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31		
KNRG	HY02	38	38	38	38	38	38	38	38	38	38	38	38	38	38	38	38	38	38	38	38	38	38	38	38	38	38	38	38	38	38	38	38	38	38	38	38	38	38	38	38	38	38	38	38	38	38	38	38	38	38		
KNYR	HY01	99	99	100	99	99	100	100	100	100	100	100	100	100	99	99	100	99	100	99	99	99	99	99	99	99	99	99	99	99	99	99	99	99	99	99	99	99	99	99	99	99	99	99	99	99	99	99	99	99	99		
KNYR	HY02	104	104	104	104	104	104	104	104	104	104	104	104	104	104	104	104	104	104	104	104	104	104	104	104	104	104	104	104	104	104	104	104	104	104	104	104	104	104	104	104	104	104	104	104	104	104	104	104	104	104		
KNYR	HY03	102	101	101	101	100	99	99	99	99	99	99	99	100	100	101	101	102	102	102	101	101	100	99	99	98	98	99	99	100	100	101	101	101	101	101	101	100	99	99	98	98	98	98	98	98	98	98	98	98	98		
KNYR	HY04	97	98	97	98	98	97	97	97	98	98	98	98	97	97	97	98	97	98	97	97	97	97	97	97	97	97	97	98	97	98	97	97	97	97	98	97	97	97	97	97	97	97	97	97	97	97	97	97	97	97		
LPJA	HY01	18	18	18	18	18	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17			
LPJA	HY02	18	18	18	18	18	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17			
MNOR	HY01	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3		
PGAU	HY01	21	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22		
PGAU	HY02	21	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22		
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	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	
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	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	
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	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	
SYPS	HY01	25	15	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	
SYPS	HY03	25	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	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
SYPS	HY04	25	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	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
TMGR	HY01	80	34	-1	0	0	-1	-1	-1	-1	0	-1	-1	-1	80	-1	0	0	76	79	78	78	78	79	79	78	79	78	79	79	79	79	79	78	78	78	78	78	78	78	78	78	78	78	78	78	78	78	78	78	78	78	
TMGR	HY02	0	0	0	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	69	83	83	84	83	83	83	83	83	83	83	83	83	83	83	83	83	83	83	83	83	83	83	83	83	83	83	83	83	83	83	83	83	83	83
TMGR	HY03	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	79	79	79	79	79	79	79	79	78	79	78	78	78	78	78	78	78	78	78	78	78	78	78	78	78	78	78	78	78	78	78	78	78	78	78
TMGR	HY04	36	41	42	58	43	42	44	41	81	80	41	44	81	80	44	44	57	54	40	40	41	42	43	43	41	40	79	41	42	62	52	48	79</																			

Daily MW Generation on Monday

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
BSLS	LSS1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
CHLS	LSS1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
GBLS	LSS1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
GELS	LSS1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
GNLS	LSS1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
JELS	LSS1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
JSLs	LSS1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
KDLS	LSS1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
KKLS	LSS1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
KMLS	LSS1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
KNLS	LSS1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
KRLS	LSS1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
MCLS	LSS1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
MNLS	LSS1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
PKLS	LSS1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SPLS	LSS1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SSLS	LSS1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
STLS	LSS1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TBLS	LSS1	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 LSS		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ESTL	ESTL	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12
KHTC	BLK1	1	2	3	5	0	5	3	1	1	0	5	4	5	4	0	0	0	0	0	0	0	0	0	0
PCUF	CUFG	6	7	5	6	6	6	5	6	7	6	6	7	5	7	5	6	6	6	6	5	5	4	7	5
PCUF	CUFK	4	4	5	5	5	5	4	4	5	5	6	7	5	3	5	6	6	3	5	4	5	4	6	4
Total Co-Gen		23	25	25	28	23	28	24	25	25	24	24	31	26	27	26	28	22	20	10	9	10	8	10	12
Total Gen		14380	13993	13787	13445	13252	13016	12849	12711	12556	12426	12429	12520	12705	12996	12860	12913	13453	14698	15204	15597	16091	16373	16649	16807
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		-28	-31	-28	-28	-30	-30	-28	-30	-31	-30	-30	-28	-29	-28	-28	-29	-28	-98	-98	-99	-99	-96	-97	-97
TIE-PLTG		39	-5	31	6	42	78	46	73	21	1	39	-12	12	2	30	42	43	156	83	28	60	77	124	82
Interconnection		11	-36	3	-22	12	48	19	43	-10	-29	9	-41	-18	-27	2	13	15	58	-15	-72	-39	-20	26	-16
System Total		14369	14029	13784	13467	13240	12968	12830	12668	12566	12455	12420	12561	12723	13023	12858	12900	13438	14640	15219	15669	16130	16393	16623	16823
SRev ST-Coal		140	408	418	379	404	400	362	426	403	388	397	368	352	373	359	338	342	351	327	179	98	144	119	154
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		836	922	1011	1633	1892	2101	2318	2429	2748	2865	2815	2760	2492	2260	2291	2431	2135	1229	971	1040	872	635	702	812
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 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
SRev LSS		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		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		626	626	714	714	714	802	802	802	802	714	802	802	802	714	802	714	714	626	626	374	374	374	374	187
Hydro		366	417	351	336	353	357	355	357	329	313	352	348	312	319	349	346	333	414	412	536	454	452	472	508
S.Reserve Total		2055	2460	2581	3149	3450	3660	3837	4014	4282	4367	4366	4278	3958	3666	3801	3916	3611	2620	2336	2129	1798	1605	1667	1661