

Daily System Generation Summary on Saturday

Saturday, October 7, 2023

Availability at Daily Maximum Demand Hour

ST-Coal	0 MW
ST-Gas	0 MW
ST-Oil	0 MW
Hydro	1,865 MW
Distillate	0 MW
Total TNB	1,865 MW
Total IPP	16,839 MW
Total Co-Gen	0 MW
Total System	22,706 MW

Generation Mix

Type	MWh	Percentage
Hydro	17,863	4.78 %
Gas	54,635	14.62 %
Total TNB	72,498	19.40 %
ST-Coal	204,980	54.85 %
LSS	6,660	1.78 %
Gas	88,605	23.71 %
Total IPP	300,245	80.34 %
Co-Gen	410	0.11 %
Total Co-Gen	410	0.11 %
Total Generation	373,153	99.85 %
PLTG	144	0.04 %
HVDC	-709	-0.19 %
Interconnection	-565	-0.15 %
Net Energy	373,718	100.00 %

Maximum Demand Record

Date: 5/11/2023	19,716 MW
Date: 5/11/2023	416,902 MWH

Set On Bus, TNB, IPP And MD

Daily Maximum Demand Hour at:	19:30:00 Hour
Total Set On Bus	18,337 MW
TNB Generation	4,432 MW
IPP Generation	12,858 MW
Spinning Reserve	1,023 MW
Maximum Demand	17,350 MW
Net Energy	373,718 MWH
Load Factor	89.75 %

Fuel Cost

Total Cost:	81,876,130.32 RM
Cost per Unit	22.95 cents/kWH

Average Spinning Reserve During Peak Hour

Type	MW
GT	1,491
Hydro	191
Syncon	351
Thermal	149
Total	2,182

Time Weather Temperature

Afternoon	Hot	32
Morning	Sunny	28

Gas Usage

Station	(mmscfd)
GLGR	37
SRDG	1
TJGS	137
Total TNB	176
CBPS	38
EMPP	247
KLPP	20
NPRI	143
PCGP	80
PLPS	8
SGRI	5
SKSP	50
SPGP	192
Total IPP	783
Total Gas	958

Total Gas Required 958

Alternate Fuel Usage

Station	(mmscfd)
Total	0

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	16546	15767	15252	14711	14258	14030	14013	13713	13308	14369	15067	15476	15527	15424	15760	16345	16600	16538	16181	16656	17290	17166	16895	16698

Prepared By: -Select Name-

Checked By: -Select Name-

Printed on: Monday, October 30, 2023 11:58:27 AM

(Ir. Shanmugam Thoppalan)
Head
Grid System Operator

Daily MW Generation on Saturday

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	697	695	696	697	695	695	697	695	695	696	696	695	695	696	697	695	696	694	698	696	694	698	695	697	694	695	697	696	697																						
JMAH	U002	693	695	696	697	692	695	698	695	694	694	696	696	695	696	695	695	696	694	694	695	696	691	699	696	690	696	695	696	695	687	701	694	696	696																	
JMHE	U001	699	699	701	701	701	700	699	700	699	700	701	701	700	703	698	701	701	699	701	699	699	701	702	699	703	701	700	701	698	702	703	698	698	697	699	700															
JMHE	U002	972	975	977	979	976	974	973	974	974	897	900	899	900	902	901	899	900	950	978	977	976	979	976	979	976	981	701	976	978	974	975	972	977	978	975	975															
JMJG	U001	666	665	670	666	667	671	668	667	666	666	660	667	667	668	669	671	665	669	671	665	669	673	667	665	673	665	663	667	667	665	668	662	670	669	664	668	671	666	672	667	668	666	672								
JMJG	U002	670	671	670	673	669	666	671	671	668	669	669	673	671	668	672	654	668	667	669	668	672	671	667	668	672	671	672	668	666	677	672	672	671	668	668	667	666	667	666	671	672	666	670	671	668	668	673	672	671		
JMJG	U003	648	646	649	649	645	647	650	645	646	645	647	643	645	640	651	645	649	646	649	648	650	645	645	655	646	645	650	644	648	649	645	640	654	645	645	650	650	643	648	649	649	645	652	640	652	644	649	645			
PKLG	U003	273	273	273	273	273	274	272	273	272	274	272	271	269	274	274	273	273	274	273	272	273	219	140	143	140	139	142	143	142	144	143	143	141	140	140	140	140	140	141	141	141	142	140	142	141	141	141	141	141		
PKLG	U004	277	274	278	273	275	274	275	276	274	271	275	273	275	274	276	274	274	274	272	273	275	274	274	273	277	277	274	274	276	269	274	273	274	273	273	275	278	274	276	275	275	274	272	272	279	273	275	275			
TBIN	U001	691	689	694	690	690	690	692	687	690	691	689	690	689	690	694	651	651	692	689	688	691	689	689	689	689	689	689	689	688	689	689	691	688	689	689	689	691	688	689	691	688	690	691	689	689	691					
TBIN	U002	688	687	691	690	690	690	688	689	692	689	688	689	688	690	689	687	693	690	687	689	691	685	688	689	688	691	689	689	688	690	689	687	689	688	689	689	689	689	689	689	689	689	689	689	689	689	688	689	688		
TBIN	U003	686	686	685	687	688	691	686	689	686	686	686	687	686	686	686	661	651	690	688	686	684	687	688	688	687	686	686	687	687	687	683	685	685	686	686	687	687	687	687	687	687	687	687	687	687	687	687	687	687		
TBIN	U004	985	983	984	985	983	983	983	983	982	971	926	902	902	903	905	902	902	903	919	964	982	983	982	984	982	981	982	983	982	981	981	983	983	983	984	984	984	983	982	983	984	983	983	984	983	982	984	983			
Total ST-Coal		8645	8638	8664	8660	8644	8650	8652	8644	8640	8549	8505	8488	8482	8488	8508	8408	8420	8497	8560	8628	8644	8594	8508	8534	8504	8523	8519	8507	8523	8519	8509	8504	8514	8513	8514	8506	8518	8512	8516	8512	8510	8520	8523	8483	8522	8508	8515	8522			
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	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	0		
CBPS	BLK2	357	241	211	210	210	197	208	210	208	212	210	208	212	205	210	211	207	205	207	209	209	208	210	208	211	210	211	210	211	210	216	215	353	341	208	212	211	216	213	210	209	218	211	201	211	211	211	211			
EMPP	BLK1	708	709	710	650	510	391	409	409	406	429	411	411	420	413	408	422	406	409	413	406	404	406	408	409	407	411	405	443	531	566	666	716	716	700	702	691	584	563	717	710	660	693	719	710	698	706	706	708			
EMPP	BLK2	0	0	80	194	375	701	706	706	706	706	451	411	423	414	409	424	404	410	410	407	405	407	407	409	407	411	405	444	530	570	667	716	716	700	702	691	581	568	717	711	654	691	719	710	701	709	709	705			
EMPP	BLK3	707	709	710	646	507	390	414	409	406	432	412	411	420	411	408	423	405	411	411	407	404	407	408	409	406	410	406	444	528	571	665	716	716	700	700	687	579	566	716	710	659	690	720	710	697	705	706	706			
GLGR	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	0	0	0	0	0	0	0	25	35	39	76	107	107	106	107	106	107	107	105	106	107	107				
GLGR	GT02	95	95	95	95	94	94	95	95	94	95	94	95	95	95	95	94	95	94	95	94	95	94	95	94	95	95	94	94	95	94	94	95	94	95	95	95	95	95	95	107	105	105	106	106	106	105	106	106	106	106	
GLGR	ST1C	41	42	41	42	41	41	42	41	42	42	42	41	41	42	41	41	42	42	42	42	42	42	42	42	42	42	42	42	42	42	42	42	41	41	39	38	91	98	98	96	97	97	97	97	97	97	97	97			
KLPP	GT15	112	111	112	111	112	107	112	112	112	113	112	117	113	112	111	112	112	112	112	113	113	112	113	112	113	112	113	113	28	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
KLPP	ST17	64	64	63	63	63	62	63	64	63	63	64	63	63	64	64	63	63	63	63	64	63	63	64	63	63	63	34	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
NPRI	BLK1	506	512	512	510	512	469	303	308	304	309	307	305	310	307	303	308	300	307	306	301	300	391	523	523	517	521	456	395	394	524	520	520	518	516	517	520	520	521	521	523	525	524	526	528	515	528	527	529			
NPRI	BLK2	498	530																																																	

Daily MW Generation on Saturday

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																									
BSIA	HY01	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	11	11	11	12	11	11	11	11	11	11																				
BSIA	HY02	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11																					
BSIA	HY03	11	11	11	11	11	11	11	11	11	12	11	11	11	11	11	12	11	11	12	12	12	12	12	12	12	23	23	23																					
CEND	HY01	10	0	0	0	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	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																					
CEND	HY03	9	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10																					
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																					
HTRG	HY01	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	68	68	68	0	69	69	68	68	68	68	68																				
HTRG	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	-1	-1	-1	-1																					
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																					
HTRG	HY04	3	4	4	4	4	4	4	4	3	3	3	3	3	3	3	4	4	4	0	0	0	0	0	0	0	0	0	0																					
KNRG	HY01	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	36	36	36	36	36	35	36	36																				
KNRG	HY02	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	37	37	37	37	37	37	37	37																				
KNRG	HY03	20	20	20	20	20	20	20	20	20	20	20	39	20	39	39	39	39	0	0	0	0	40	39	39	39	39	38	38	37																				
KNYR	HY01	95	95	95	95	95	95	95	94	95	95	95	95	95	95	95	95	95	95	95	95	94	95	95	95	95	94	95	95	95																				
KNYR	HY02	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	98																					
KNYR	HY03	96	97	100	97	98	95	99	100	99	101	99	98	55	98	99	98	97	98	98	99	98	99	98	98	98	98	100	101	98																				
KNYR	HY04	93	97	99	95	98	89	94	100	99	100	96	98	97	96	58	96	100	94	93	95	95	98	99	97	98	100	100	99	99																				
LPIA	HY01	15	15	15	15	15	15	15	15	15	15	15	15	15	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16																				
LPIA	HY02	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	16	16	16	16	16	16	17	17	16	16	16																				
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																				
PGAU	HY02	-1	-1	-1	-1	-1	-1	-1	-1	19	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	19	-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	19	21	21	21	29	157	156	155	150																				
SYPS	HY01	16	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	15	15	16	16	16	16	16	16	23	22	22	22																			
SYPS	HY03	17	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	17	17	17	17	25	25	25	25	25																				
SYPS	HY04	17	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	17	17	17	17	25	25	25	25	25																				
TMGR	HY01	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	80	79	79	79	78	78	78	78	78	78	78																				
TMGR	HY02	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	85	82	84	83	84	84	84	84	84	84	84																				
TMGR	HY03	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	79	80	79	79	78	78	78	78																				
TMGR	HY04	43	45	43	42	41	37	41	61	52	78	62	67	81	66	60	71	42	54	82	66	47	81	79	79	80	79	79	79	79																				
UJLI	HY02	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	0	0	0	0	0	0	0	0	0	-1	-1	-1	53	101																				
UPIA	HY01	4	4	4	3	3	4	4	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	4	4	4	4																				
UPIA	HY02	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	6	6	6	6	6	6	6	6	6	6	6																				
Total Hydro		600	549	552	543	546	531	544	570	558	608	569	570	587	571	563	480	387	575	609	587	566	565	581	565	569	556	514	610	606	704	700	704	792	860	879	985	941	918	982	1332	1369	1269	1233	1224	1194	1201	1140	923	
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	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
BDLS	LSS1	0	0	0	0	0	0	0	0	0	0	0	0	0	1	3	6	10	9	18	12	9	24	26	11	18	27	21	23	23	20	6	4	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
BKLS	LSS2	0	0	0	0	0	0	0	0	0	0	0	0	0	1	5	6	11	15	24	25	26	23	17	29	22	30	28	27	27	14	13	5	3	4	2	1	1	0	0	0	0	0	0	0	0	0	0	0	0
BSLS	LSS2	0	0	0	0	0	0	0	0	0	0	0	0	0	4	6	8	9	16	10	17	17	31	19	33	35	18	33	19	29	25	19	7	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	2	4	8	15	20	26	30	18	33	26	33	43	33	40	33	37	33	27	21	5	4	4	2	1	1	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	2	6	11	17	19	27	29	17	20	31	34	39	31	40	38	32	35	13	14	16	10	5	0	0	0	0	0	0	0	0	0	0	0	0	0	
GELS	LSS2	0	0	0	0	0	0	0	0	0	0	0	0	0	1	4	4	8	14	17	21	18	27	27	28	29	27	25	23	20	18	14	7	7	4	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	1	3	7	11	12	18	21	4	10	46	37	48	50	45	48	43	42	34	23	11	21	8	2	0	0	0	0	0	0	0	0	0	0	0	0	0
JELS	LSS2	0	0	0	0	0	0	0	0	0	0	0	0	0	1	3	6	10	16	14	17	21	19	20	30	31	24	31	30	24	17	25	13	14	6	1	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	3	6	12	17	24	29	34	36	39	40	21	42	46	45	45	38	34	29	24	18	12	5	1	0	0	0	0	0	0	0	0	0	0	0	0	0
KDLS	LSS3	0	0	0	0	0	0	0	0	0	0	0	0	0	9	15	21	25	38	51	38	54	67	64	85	90	42	74	44	48	80	60	59	6	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	5	11	9	13	19	23	26	26	43	34	43	33	30	24	25	42	34	32	2	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0
KMLS	LSS2	0	0	0	0	0	0	0	0	0	0	0	0	1	3	5	7	9	12	15	15	21	21	27	30	29	10	15	26	8	26	22	10	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Daily MW Generation on Saturday

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																								
KNLS	LSS3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	12	21	23	35	88	64	68	83	59	100	100	51	76	84	93	82	72	63	54	29	13	4	0	0	0	0	0	0	0	0	0	0	
KRLS	LSS2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4	6	8	12	25	19	25	29	16	28	17	30	17	30	30	28	26	22	18	12	4	1	0	0	0	0	0	0	0	0	0	0	0
MALS	LSS2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3	15	9	12	19	20	29	30	29	29	29	29	29	29	7	3	4	22	14	6	1	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	1	6	12	21	24	31	39	28	41	51	19	51	48	45	41	34	18	29	24	13	10	4	0	0	0	0	0	0	0	0	0	0	0	
MNLS	LSS3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3	10	44	58	66	71	75	43	56	31	90	94	93	90	90	87	60	77	68	43	18	6	1	-1	0	0	0	0	0	0	0	0	0	
PKLS	LSS3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3	14	24	55	53	71	76	94	93	94	99	87	85	102	102	65	85	58	52	42	15	5	5	5	0	0	0	0	0	0	0	0	0	0
SNLS	LSS4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	5	8	6	8	21	43	30	50	50	24	46	49	23	17	50	16	45	12	7	8	5	2	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	1	5	11	20	27	33	33	39	39	47	40	53	41	39	42	40	33	30	26	23	20	5	2	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	2	4	11	18	19	25	31	37	31	40	35	37	43	34	36	31	35	32	0	1	1	3	2	0	0	0	0	0	0	0	0	0	0	
STLS	LSS2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	4	7	11	13	19	14	13	17	10	11	12	20	7	26	24	20	15	12	8	5	0	0	0	0	0	0	0	0	0	0	0	0	
TBLS	LSS2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	5	11	15	15	17	30	30	30	30	30	30	30	30	30	30	30	25	24	18	11	3	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	27	123	266	383	465	669	731	680	815	858	860	1024	968	871	943	874	801	723	565	351	211	87	26	7	3	0	0	0	0	0	0	0	0	0	0
ESTL	ESTL	6	6	14	16	14	9	12	7	10	9	10	15	16	15	12	8	18	15	19	21	22	18	14	15	14	20	20	20	10	7	15	15	14	9	14	17	22	16	14	18	14	13	16	13	6	10	16	
KHTC	BLK1	-19	-19	-20	-18	-17	-19	-18	-18	-17	-15	-16	-17	-15	-17	-14	-12	-14	-17	-22	-22	-24	-25	-27	-26	-28	-28	-30	-32	-29	-30	-33	-40	-33	-36	-34	-25	-20	-15	-18	-15	-16	-20	-18	-16	-19	-20	-19	-18
PCUF	CUFG	22	7	4	4	3	3	4	4	4	4	3	4	5	4	4	3	4	4	4	4	3	4	4	3	4	3	4	2	3	4	4	3	4	4	4	4	4	4	4	4	4	4	4	4	4	3		
PCUF	CUFK	15	15	16	15	15	15	16	15	16	15	15	15	14	15	14	13	15	15	14	15	15	14	14	15	14	16	15	15	15	12	12	14	13	15	13	15	16	13	14	14	15	16	15	13	16	14	15	14
PFTZ	PFTZ	6	6	6	6	6	6	6	6	6	5	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	
Total Co-Gen		30	15	20	23	21	14	20	14	19	18	18	23	26	23	22	18	29	22	21	24	23	16	11	14	11	18	14	12	16	0	-5	-1	4	3	-2	14	23	29	22	24	27	20	19	22	20	10	16	21
Total Gen		16553	16099	15727	15478	15238	15000	14708	14386	14234	14092	14000	13872	13965	13901	13675	13376	13284	13817	14332	14659	15010	15272	15427	15587	15510	15417	15429	15647	15732	16140	16340	16435	16591	16716	16518	16345	16159	16190	16645	17318	17274	17243	17139	17004	16889	16740	16689	16394
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		-31	-31	-31	-30	-28	-31	-28	-31	-31	-30	-28	-30	-30	-30	-29	-29	-29	-29	-30	-30	-30	-30	-29	-29	-29	-29	-29	-30	-30	-30	-30	-29	-29	-29	-29	-28	-28	-30	-28	-29	-29	-31	-28	-30	-29	-30	-30	
TIE-PLTG		37	-16	-9	6	15	41	25	0	7	-7	1	8	-19	12	-8	14	5	-27	-8	-22	-27	-18	-19	-17	13	27	35	8	3	6	26	15	21	35	9	1	7	19	18	-6	12	21	2	-1	22	0	20	3
Interconnection		7	-47	-40	-24	-14	10	-3	-30	-24	-38	-30	-20	-48	-18	-38	-15	-24	-56	-37	-51	-57	-48	-49	-47	-17	-2	5	-21	-28	-24	-5	-15	-9	6	-20	-28	-22	-9	-11	-36	-16	-8	-27	-32	-6	-30	-9	-28
System Total		16546	16146	15767	15502	15252	14990	14711	14416	14258	14130	14030	13892	14013	13919	13713	13391	13308	13873	14369	14710	15067	15320	15476	15634	15527	15419	15424	15668	15760	16164	16345	16450	16600	16710	16538	16373	16181	16199	16656	17354	17290	17251	17166	17036	16895	16770	16698	16422
SRev ST-Coal		156	163	137	141	157	151	149	157	161	249	296	313	318	313	293	392	381	304	241	173	157	152	148	122	152	133	137	149	133	137	147	152	142	143	142	150	138	144	140	144	146	136	133	173	134	148	141	134
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	5	37	0	0	0	0	0	0
SRev CCGT-Gas		923	1088	1139	1144	1700	1922	2235	2569	2710	2593	2602	2719	2640	2691	2928	3067	3185	3053	2751	2555	2402	2144	1863	1851	1942	2050	2152	1960	1569	1311	1023	870	739	628	1030	1165	1204	1089	676	347	547	449	446	519	641	773	776	866
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
SRev Co-Gen		-1	0	0	0	-1	0	-1	0	1	0	-2	0	-1	0	2	0	0	0	0	0	2	0	1	0	0	0	0	0	0	0	0	1	0	-1	1	1	0	0	0	0	0	0	-2	0	0	0	0	-1
Syncon		640	640	640	640	640	640	640	640	640	489	640	640	640	640	640	640	453	453	453	302	453	453	453	453	453	453	453	453	453	365	365	365	277	277	464	464	313	464	277	277	126	126	126	126	126	126	126	464
Hydro		159	135	132	141	138	153	140	114	126	227	115	114	97	113	121	204	297	109	75	98	119	80	215	80	76	76	118	70	74	89	93	89	89	296	363	307	377	249	372	251	365	465	501	<				