

Daily System Generation Summary on Saturday

Saturday, March 11, 2023

Availability at Daily Maximum Demand Hour

ST-Coal	0 MW
ST-Gas	0 MW
ST-Oil	0 MW
Hydro	1,774 MW
Distillate	0 MW
Total TNB	1,774 MW
Total IPP	18,419 MW
Total Co-Gen	0 MW
Total System	23,055 MW

Generation Mix

Type	MWh	Percentage
Hydro	11,916	3.42 %
Gas	45,191	12.96 %
Total TNB	57,107	16.38 %
ST-Coal	196,004	56.22 %
LSS	6,704	1.92 %
Gas	88,298	25.33 %
Total IPP	291,006	83.47 %
Co-Gen	751	0.22 %
Total Co-Gen	751	0.22 %
Total Generation	348,864	100.07 %
PLTG	508	0.15 %
HVDC	-274	-0.08 %
Interconnection	234	0.07 %
Net Energy	348,630	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:	20:00:00 Hour
Total Set On Bus	17,197 MW
TNB Generation	3,284 MW
IPP Generation	12,835 MW
Spinning Reserve	1,047 MW
Maximum Demand	16,144 MW
Net Energy	348,630 MWH
Load Factor	89.98 %

Fuel Cost

Total Cost:	34,183,694.49 RM
Cost per Unit	9.80 cents/kWH

Average Spinning Reserve During Peak Hour

Type	MW
GT	393
Hydro	201
Syncon	792
Thermal	781
Total	2,167

Time	Weather	Temperature
Afternoon	Hot	32
Morning	Sunny	28

Gas Usage

Station	(mmscfd)
GLGR	29
TJGS	163
Total TNB	192
EMPP	309
NPRI	155
PCGP	88
SPGP	113
Total IPP	665
Total Gas	857
Total Gas Required	857

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	15316	14639	14131	13641	13226	13080	13115	12966	12713	13621	14308	14777	14691	14447	14843	15156	15446	15335	14928	15159	16144	16022	15493	15249

Prepared By: -Select Name-

Checked By: -Select Name-

Printed on: Tuesday, April 4, 2023 8:49:36 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																								
JMHE	U001	973	978	974	974	976	900	845	846	852	852	854	853	855	853	842	848	850	862	917	920	916	916	921	921	920	919	920	918	944	973	979	973	982	976	977	979	976	977	981	982	978	975	977	974	975	974	975	979
JMHE	U002	969	974	972	972	972	900	847	849	852	851	852	853	854	850	854	849	850	866	919	920	917	914	920	920	920	919	920	919	941	977	981	978	983	977	972	978	971	975	977	983	976	973	976	975	973	975	975	977
JMJG	U001	648	649	557	484	447	450	451	448	449	450	447	450	449	447	449	447	447	447	448	447	447	458	536	640	676	672	671	672	673	669	672	671	672	672	673	672	674	671	671	676	672	671	670	675	678	673	672	671
JMJG	U002	677	674	679	677	673	673	674	672	676	672	676	673	674	670	671	675	675	674	673	678	671	673	676	676	674	676	679	671	681	672	677	672	674	677	672	674	670	671	675	676	672	676	675	673	676	672	677	
JMJG	U003	677	677	667	680	673	672	676	675	673	673	670	683	670	674	675	675	680	677	674	677	676	672	675	671	677	678	673	676	672	672	674	673	677	672	675	674	676	677	675	672	677	682	676	675	675	672	673	677
JMJG	U004	976	976	981	973	933	908	884	855	854	855	857	857	857	858	858	857	857	859	904	925	922	927	925	928	927	925	925	926	934	972	972	973	971	975	970	970	972	973	976	977	974	978	976	977	975	977	976	977
JMJG	U005	971	975	976	974	974	896	873	851	851	852	846	851	848	845	848	848	848	858	920	917	919	918	920	920	920	925	923	919	943	976	975	976	977	977	972	977	973	976	977	972	975	977	973	974	975	976	977	978
PKLG	U003	264	263	159	162	153	151	150	150	150	150	150	151	184	248	253	261	267	264	266	263	265	264	263	263	264	262	265	263	195	205	195	250	260	260	262	265	263	264	264	264	263	260	262	263	262	264	261	
PKLG	U004	251	251	197	155	145	150	147	146	153	150	150	149	162	225	253	253	251	253	251	251	250	253	249	249	249	252	248	254	251	243	248	271	276	280	276	280	276	276	276	277	276	275	272	269	273	277	276	278
PKLG	U005	452	423	424	424	413	329	297	229	154	87	34	13	13	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
PKLG	U006	269	269	267	269	269	269	267	268	268	269	268	268	268	269	269	269	269	268	269	269	269	269	269	268	268	269	268	269	268	269	268	269	268	269	268	269	270	268	269	269	267	267	268	268	268	269	267	
TBIN	U001	210	211	211	211	210	210	210	212	211	211	209	209	211	212	209	210	210	210	210	210	211	209	210	210	209	209	211	209	209	208	211	210	211	308	350	325	208	211	286	448	664	689	698	698	701	579	580	322
TBIN	U003	584	382	265	211	213	210	210	210	211	211	211	210	210	251	347	463	544	688	692	694	695	696	695	696	650	517	498	499	500	499	501	501	644	693	693	692	691	693	690	693	691	693	691	694	521	259	214	210
TBIN	U004	982	983	979	986	911	904	864	852	855	853	853	854	853	853	853	853	851	863	924	924	922	923	924	923	923	922	924	925	947	982	982	982	982	982	981	983	983	983	983	982	982	983	984	983	982	983	982	
Total ST-Coal		8903	8685	8308	8152	7962	7622	7395	7263	7209	7137	7077	7074	7061	7132	7347	7496	7595	7793	8066	8095	8086	8089	8182	8290	8278	8140	8123	8124	8216	8394	8334	8330	8483	8696	8744	8733	8609	8613	8696	8871	9074	9097	9095	9100	8933	8550	8506	8256
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
EMPP	BLK1	680	679	710	705	701	710	710	692	689	682	690	678	694	711	704	702	709	704	693	710	694	679	704	703	703	707	690	708	683	679	710	714	725	709	707	697	706	688	686	739	706	696	706	701	693	705	707	711
EMPP	BLK2	681	679	710	703	706	711	709	691	690	685	690	678	693	711	709	709	710	703	693	709	696	679	704	706	702	707	691	709	686	680	713	713	726	709	703	694	707	686	685	739	704	692	700	695	686	700	701	706
EMPP	BLK3	681	681	710	703	702	710	710	691	690	685	690	679	694	711	710	708	710	703	692	710	695	679	704	705	702	707	690	709	685	679	713	713	725	709	704	698	707	681	687	737	708	693	703	697	688	702	703	708
GLGR	GT02	92	92	91	92	91	91	90	92	91	91	91	92	92	92	92	92	91	93	93	93	93	93	93	93	93	93	93	93	93	93	93	93	93	93	93	93	94	93	93	93	93	93	93	93	93	93		
GLGR	ST1C	40	41	41	41	41	41	40	40	40	40	40	41	40	41	41	40	41	40	41	41	41	41	41	41	41	41	41	41	41	41	41	41	41	42	40	42	41	42	41	42	41	41	41	41	41	41	42	
NPRI	BLK1	502	497	502	493	460	515	523	469	452	421	425	412	437	494	461	515	515	510	505	516	504	491	495	448	483	487	502	523	505	493	515	521	518	524	519	523	525	503	512	526	525	520	527	517	503	525	522	530
NPRI	BLK2	504	498	499	461	439	516	523	468	433	424	429	418	438	493	444	512	517	503	480	518	492	457	433	335	344	445	442	518	506	500	516	518	523	517	514	515	516	507	516	529	516	512	518	507	503	517	514	518
PCGP	PGRG	579	577	596	594	594	601	605	589	594	588	592	572	601	603	602	599	599	591	588	602	594	574	595	601	597	597	589	605	584	569	607	610	630	606	597	597	603	585	603	647	602	592	603	584	574	602	598	616
SPGP	BLK1	353	451	498	551	550	575	599	633	650	698	719	719	718	0	0	0	0	0	0	0	212	696	716	716	718	717	718	719	716	718	717	714	718	717	717	720	719	710	717	731	719	713	719	709	703	720	716	726
SPGP	BLK2	686	681	695	694	695	696	700	689	691	689	691	680	697	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	80	208	361
TJGS	GT1A	156	156	126	130	164	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	172	232	234	226	227	227	224	219	226	226	228	
TJGS	GT1B	141	140	116	117	160	159	129	125	126	129	128	125	126	217	223	223	125	219	222	220	217	219	124	129	128	127	131	130	214	216	215	216	216	216	161	161	162	216	217	213	213	216	213	205	213	216	215	
TJGS	ST1C	191	186	163	163	86	89	79	79	79	78	78	78	78	110	120	120	80	114	120	120	120	81	79	79	79	79	79	109	119	119	119	119	119	95	93	136	246	254	249	247	244	245	241	244	244	244	244	
TJGS	GT2A	213	151	123	124	123	127	126	127	125	126	125	125	125	188	182	214	211	215	214	215	215	214	212	201	162	130	129	147	206	215	217	216	215	218	218	215	215	217										

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																									
KNRG	HY03	21	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0																									
KNYR	HY01	59	27	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	99	99	99	61	61	61	61	100																					
KNYR	HY02	60	59	60	61	60	60	60	60	60	59	101	101	61	60	60	101	60	60	60	101	101	100	102	100	100	101	100	101	101																				
KNYR	HY03	55	54	56	55	55	56	55	55	55	55	97	98	0	0	0	0	0	0	0	19	88	94	58	60	95	95	55	54	55	98																			
KNYR	HY04	59	59	60	60	59	60	60	60	60	59	59	59	59	59	59	59	59	59	60	60	60	60	59	59	61	102	102	102	101																				
LPIA	HY01	14	14	14	14	14	14	14	14	12	12	12	12	12	12	12	12	12	12	12	12	12	12	15	15	15	16	16	16	16																				
LPIA	HY02	16	16	16	16	16	15	15	15	15	15	15	15	15	15	16	16	16	16	16	16	16	16	16	16	16	16	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	HY01	-1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0																				
PGAU	HY02	21	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0																				
PGAU	HY04	21	0	0	0	0	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	30	30	30	30	30	30	51	51	51	51	0																			
SIHY	HY02	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	30	30	30	30	30	30	50	50	50	50	0																			
SIHY	HY03	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	30	30	30	30	30	50	50	50	50	0																				
SYPS	HY01	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	17	17	17	17	17	18	25	25	25	25	17	0																			
SYPS	HY02	0	0	0	0	0	0	0	0	0	0	0	0	0	25	25	25	25	25	25	17	17	0	16	0	0	0	25	0	0																				
SYPS	HY03	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	17	17	17	17	17	25	25	25	25	17	0																				
SYPS	HY04	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	17	17	17	17	17	25	25	25	25	17	0																				
TMGR	HY02	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	87	34	-1	-1	-1	-1	-1	-1	-1	-1	-1	89	88	88	88	34	33	34	91	88																			
TMGR	HY03	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	83	30	30	30	30	83	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1																			
TMGR	HY04	39	39	80	72	67	84	83	45	45	39	40	38	43	66	65	42	54	43	85	42	40	43	43	42	85	41	38	54	85	84																			
UJLI	HY01	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	183	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	95																			
UJLI	HY02	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	99	100	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1																			
UPIA	HY01	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	5	5	5	5	5																			
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	5	5	5	5	5																			
Total Hydro		446	350	367	359	352	370	368	329	330	322	321	320	324	1178	944	444	303	305	292	346	437	267	295	296	292	292	292	336	291	288	303	377	568	628	596	664	590	605	556	755	1060	1070	879	769	720	678	541	756	
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	0
BDLS	LSS1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	4	7	11	17	19	22	23	26	26	28	19	28	29	3	1	2	4	6	6	2	2	0	0	0	0	0	0	0	0	0	0	0	0	0
BKLS	LSS1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	4	8	9	16	20	23	26	28	30	30	31	32	32	30	16	23	17	10	7	8	5	2	0	0	0	0	0	0	0	0	0	0	0	0
BSLS	LSS1	0	0	0	0	0	0	0	0	0	0	0	0	0	2	6	12	17	21	25	28	31	32	32	32	17	30	31	31	32	19	11	5	7	6	4	2	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	1	5	18	24	28	21	39	43	44	47	46	44	44	39	39	38	36	31	27	6	3	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	1	3	7	20	12	11	13	12	46	22	21	39	34	20	17	22	16	11	14	14	7	9	2	1	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	1	5	5	8	16	26	30	23	27	30	27	29	17	14	22	13	9	5	2	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	2	8	16	23	29	35	39	42	45	48	31	35	39	27	50	43	25	37	30	19	8	6	3	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	3	6	13	18	23	26	29	30	31	31	31	31	26	31	31	30	27	10	20	9	7	4	2	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	1	2	7	8	12	21	32	38	45	48	49	38	50	24	49	43	37	27	39	12	29	7	2	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	5	15	29	43	54	66	76	82	88	92	75	92	92	92	42	87	64	12	10	16	15	8	5	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	2	9	16	22	28	33	37	38	30	13	25	10	33	40	33	13	4	2	4	6	8	6	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	2	5	10	15	20	24	27	29	30	30	21	30	7	30	23	27	7	12	4	5	5	2	2	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	1	7	22	41	58	72	83	87	94	91	66	86	97	52	36	28	1	1	8	24	14	7	2	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	2	5	10	15	19	21	27	28	24	30	14	30	30	8	8	0	0	2	6	4	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
MALS	LSS1	0	0	0	0	0	0	0	0	0	0	0	0	0	3	9	16	25	29	18	30	9	15	18	11	18	20	12	9	12	12	13	18	21	11	2	1	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	1	5	13	27	29	39	32	30	48	48	47	47	50	46	43	49	44	39	36	23	15	9	2	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	2	21	48	64	74	80	68	94	91	93	92	94	94	94	93	91	91	91	70	68	51	26	6	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	11	37	26	42	75	101	101	101	101	100	100	100	100	100	100	101	101	86	71	39	29	8	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	3	6	16	22	37	46	37	39	27	19	22	23	36	49																						

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		
STLS	LSS1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	4	5	7	9	10	8	6	7	7	6	10	5	7	8	15	14	4	3	3	3	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	6	12	15	27	29	28	30	30	30	30	30	30	30	30	30	30	29	29	14	11	4	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	6	84	235	393	520	693	762	868	946	933	898	878	918	867	870	723	728	573	495	426	308	193	78	20	0	0	0	0	0	0	0	0	0	0
ESTL	ESTL	17	15	14	14	12	15	16	13	17	19	15	15	15	17	12	15	18	16	13	17	18	18	18	14	18	20	18	19	22	21	24	20	21	22	25	25	21	26	25	15	18	18	16	16	21	21	25	14	
KHTC	BLK1	1	2	4	3	2	3	3	2	1	3	2	3	4	1	1	0	2	3	2	3	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0		
PCUF	CUFG	3	3	4	4	4	3	4	3	4	4	3	4	3	3	3	3	4	4	4	4	4	2	4	4	5	3	4	4	3	3	4	2	4	4	2	3	3	4	4	5	4	4	4	3	4	4			
PCUF	CUFK	3	3	3	3	2	1	2	2	3	3	3	3	3	3	2	2	1	3	4	3	1	3	4	4	1	2	3	3	2	2	4	2	3	2	4	3	3	4	3	3	4	3	2	3	3	3	3		
PFTZ	PFTZ	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	6	6	6	6	6	6	6	6	6			
Total Co-Gen		30	29	31	30	26	28	31	26	31	35	30	30	32	31	25	26	32	30	28	34	33	27	31	28	30	31	31	32	33	32	38	30	34	34	35	38	33	39	39	29	31	32	30	27	34	32	38	27	
Total Gen		15342	14938	14606	14432	14172	13878	13657	13323	13238	13150	13136	13039	13171	13121	13017	12871	12785	13220	13584	13913	14286	14551	14742	14767	14659	14517	14438	14733	14876	15051	15038	15118	15372	15496	15412	15257	14974	14982	15230	15825	16150	16121	15986	15806	15522	15313	15259	15418	
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	-28	-28	31	31	30	30	31	31	30	30	30	30	30	30	30	30	-31	-28	-29	-30	-31	-28	-31	-28	-30	-28	-30	-31	-28	-30	-30	-30	-29	-29	-29	-28	-49	-49	-50	-47	-48	-49	-49	-49	31	31	29	
TIE-PLTG		54	27	-4	-15	11	68	-13	-4	-19	25	26	42	26	-9	20	44	42	30	-9	-45	8	32	-7	-20	-4	28	19	4	63	59	-88	-40	-44	27	106	86	74	140	120	0	54	72	12	81	78	-71	-21	-49	
Interconnection		26	-1	-33	15	41	98	16	27	12	55	56	72	56	21	51	74	72	-1	-37	-74	-22	1	-35	-51	-32	-2	-9	-26	33	31	-118	-70	-74	-2	77	57	46	91	71	-50	6	24	-36	32	29	-40	10	-20	
System Total		15316	14939	14639	14417	14131	13780	13641	13296	13226	13095	13080	12967	13115	13100	12966	12797	12713	13221	13621	13987	14308	14550	14777	14818	14691	14519	14447	14759	14843	15020	15156	15188	15446	15498	15335	15200	14928	14891	15159	15875	16144	16097	16022	15774	15493	15353	15249	15438	
SRev ST-Coal		783	953	1163	1182	1352	1645	1679	1753	1822	1894	1953	1963	1974	1517	1411	1267	1166	1021	946	920	929	926	1073	965	977	1115	1132	1131	1039	861	882	896	712	579	531	553	677	673	590	415	212	189	191	186	353	736	780	1030	
SRev CCGT-Gas		589	780	849	908	967	587	582	790	827	908	856	949	810	345	424	226	354	268	320	207	448	439	479	638	719	689	731	522	376	378	205	192	161	202	234	331	296	552	280	90	214	277	217	289	364	226	234	197	
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	0	15	0	1	29	45	53	80	80	73	57	67	74	0	0	0	0	0	0	0	0	0	0	0	0
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
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
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
Syncon		953	802	903	903	903	903	903	903	903	903	903	903	903	101	187	714	815	815	815	815	815	903	903	903	903	903	903	903	903	903	903	903	903	628	628	628	628	815	815	815	727	439	439	626	626	714	527	714	527
Hydro		555	312	194	202	209	191	193	232	231	239	240	241	237	185	333	206	246	244	257	203	112	194	191	190	186	186	186	142	187	190	175	101	185	250	282	389	276	277	310	199	182	220	224	359	311	390	340	237	
S.Reserve Total		2880	2847	3109	3195	3431	3326	3357	3678	3783	3944	3952	4056	3924	2148	2355	2413	2581	2348	2338	2145	2304	2462	2646	2696	2793	2916	2960	2707	2542	2385	2226	2172	1766	1732	1732	1968	2138	2317	1995	1431	1047	1125	1258	1460	1742	1879	2068	1991	