

Daily System Generation Summary on Monday

Monday, June 15, 2020

Availability at Daily Maximum Demand Hour

ST-Coal	0 MW
ST-Gas	0 MW
ST-Oil	0 MW
Hydro	2,365 MW
Distillate	0 MW
Total TNB	2,365 MW
Total IPP	16,681 MW
Total Co-Gen	0 MW
Total System	21,746 MW

Generation Mix

Type	MWh	Percentage
Hydro	13,495	3.77 %
Gas	34,809	9.72 %
Total TNB	48,304	13.49 %
ST-Coal	213,822	59.72 %
LSS	2,309	0.64 %
Gas	92,908	25.95 %
Total IPP	309,039	86.31 %
Co-Gen	359	0.10 %
Total Co-Gen	359	0.10 %
Total Generation	357,702	99.90 %
PLTG	339	0.09 %
HVDC	-692	-0.19 %
Interconnection	-353	-0.10 %
Net Energy	358,055	100.00 %

Maximum Demand Record

Date: 3/10/2020	18,808 MW
Date: 3/10/2020	394,238 MWH

Set On Bus, TNB, IPP And MD

Daily Maximum Demand Hour at:	16:00:00 Hour
Total Set On Bus	18,615 MW
TNB Generation	2,898 MW
IPP Generation	14,301 MW
Spinning Reserve	1,358 MW
Maximum Demand	17,309 MW
Net Energy	358,055 MWH
Load Factor	86.19 %

Fuel Cost

Total Cost:	57,725,400.97 RM
Cost per Unit	16.14 cents/kWH

Average Spinning Reserve During Peak Hour

Type	MW
GT	329
Hydro	391
Syncon	631
Thermal	118
Total	1,469

Time	Weather	Temperature
Afternoon	Hot	34
Morning	Sunny	28

Gas Usage

Station	(mmscfd)
GLGR	42
TJGS	201
Total TNB	243
CBPS	51
KLPP	74
NPRI	143
PGLA	107
PLPS	47
SGB3	48
SKSP	49
YPKA	43
Total IPP	562
Total Gas	805
Total Gas Required	805

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	14058	13486	12870	12572	12143	11937	12011	12269	13016	14939	15852	16574	16506	16373	16974	17285	17309	16653	15540	15336	16308	16187	15788	15513

Prepared By: -Select Name-

Checked By: -Select Name-

Printed on: Tuesday, July 07, 2020 1:32:47 PM

(Ir. Shanmugam Thoppalan)
Pengurus Besar Kanan
Jabatan Sistem Operasi

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	693	692	691	692	691	693	693	691	694	691	691	692	692	693	691	692	689	694	693	689	691	689	693	693	692	692	694	692	691	694	693	693	691	692	692	691	693	692	692	693	691	694	694	690	691	693	692	691		
JMAH	U002	694	692	695	696	696	691	693	696	693	694	689	693	693	690	698	695	692	687	694	693	697	693	695	694	692	695	694	692	694	694	691	694	695	702	693	696	694	694	697	693	693	694	693	693	694	694	691	694		
JMHE	U001	921	847	782	776	779	777	781	780	781	782	779	778	782	778	781	783	782	836	902	982	984	979	979	982	979	979	979	980	979	978	976	979	986	979	975	981	978	981	983	971	980	979	981	978	981	979	978	980		
JMHE	U002	927	931	785	778	778	779	781	780	780	781	779	780	778	779	777	780	782	847	903	981	983	983	980	981	978	979	982	981	980	978	980	983	979	980	978	983	982	978	980	983	980	977	981	979	982	980				
JMJG	U002	674	670	675	672	667	677	666	683	668	669	680	671	670	672	682	672	667	682	670	667	679	668	675	671	679	671	683	657	687	662	689	665	670	673	673	670	673	674	668	673	673	671	673	673	675	671	672	672		
JMJG	U003	668	668	667	669	666	660	670	671	662	668	671	667	666	669	670	666	659	672	667	670	666	669	668	666	664	674	666	668	668	668	672	667	667	667	662	665	635	593	570	567	570	569	573	568	572	570	570	568		
JMJG	U004	898	899	867	781	786	787	787	786	785	785	787	787	788	788	786	785	786	798	887	903	904	903	904	904	903	903	902	904	901	905	903	903	904	904	902	902	898	900	897	898	900	899	898	900	900	900	898	898		
PKLG	U003	281	282	281	280	280	279	281	280	281	281	281	281	283	282	281	283	283	284	284	282	281	282	282	281	281	279	281	280	275	256	202	202	202	203	204	203	204	202	203	203	204	202	208	267	283	282	284	283		
PKLG	U004	279	275	280	280	280	281	280	279	280	281	274	279	282	279	282	280	283	282	281	278	282	283	282	281	276	276	275	280	282	279	281	279	277	281	280	280	274	280	279	280	278	282	281	279	280	280	290	283		
PKLG	U005	468	468	464	468	468	468	466	468	469	469	468	465	467	468	470	468	468	467	470	467	467	466	466	466	461	466	465	466	466	466	466	466	468	466	468	466	466	466	466	466	466	466	466	466	468	468	470			
PKLG	U006	446	449	449	449	447	449	449	447	447	449	449	446	447	449	448	451	447	447	451	448	447	446	447	449	446	447	449	446	447	449	446	450	450	450	450	450	450	450	450	450	450	450	450	450	450	450	450	450		
TBIN	U001	688	494	669	686	687	691	691	682	689	687	690	690	689	691	689	688	687	687	692	688	687	686	685	690	690	687	691	688	681	689	693	689	689	685	687	688	688	687	689	687	689	687	689	691	688	689	688	688	688	687
TBIN	U002	690	694	693	690	693	693	695	690	693	694	688	690	694	694	691	690	696	691	694	695	694	692	694	693	691	693	694	692	693	693	693	693	694	693	692	693	692	693	690	697	695	691	692	691	692	691	691	696	693	
TBIN	U003	694	692	689	689	692	689	689	689	689	692	694	691	692	692	692	690	690	691	692	692	691	693	691	693	691	690	691	689	694	691	693	692	692	690	689	691	694	690	692	691	690	690	687	690	690	691	691	689		
Total ST-Coal		9021	8753	8687	8606	8610	8614	8622	8622	8611	8623	8620	8614	8621	8623	8636	8625	8611	8766	8977	9138	9154	9132	9144	9140	9125	9132	9146	9116	9134	9103	9080	9057	9067	9074	9039	9054	9015	8978	8964	8951	8956	8963	8965	9005	9039	9032	9047	9039		
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	0	
CBPS	BLK2	364	360	361	361	362	219	219	219	218	222	219	221	222	218	220	220	318	357	357	362	362	362	364	356	351	356	355	355	357	357	357	357	357	359	360	353	366	365	360	362	362	362	361	360	361	360	359	361	358	
GLGR	GT01	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	26	34	56	78	109	105	105	105	78	106	104	104	104	105	105	106	104	69	69	71	72	70	104	102	102	103	86	89	89	78		
GLGR	GT02	101	98	97	98	98	98	98	98	98	98	98	98	98	97	97	97	98	98	98	98	98	77	109	106	105	105	80	106	105	105	105	105	105	106	105	69	69	69	69	69	103	102	102	102	86	87	90	77		
GLGR	ST1C	39	37	36	36	35	35	36	35	36	36	36	36	35	35	36	36	36	36	35	33	36	63	88	90	90	90	72	91	90	90	91	91	91	91	69	68	69	68	69	86	87	87	80	78	78	75				
KLPP	GT13	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	27	134	135	133	131	133	133	133	133	133	133	130	136	136	136	136	137	136	121	116	117	135	137	137	136	136	137	137	113				
KLPP	GT14	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	21	60	147	147	147	147	147	147	147	156	156	155	157	156	157	134	121	124	125	154	155	156	156	157	157	12	0			
KLPP	GT15	0	0	0	0	0	0	0	0	42	42	42	42	61	82	151	154	147	156	156	152	152	153	153	153	153	153	153	153	154	154	158	157	156	155	133	124	126	127	154	156	156	155	155	156	158	127				
KLPP	ST17	0	0	0	0	0	0	0	0	0	0	17	17	29	41	69	69	65	53	137	121	133	117	198	198	198	198	198	198	202	200	204	200	201	201	190	190	186	187	203	203	203	202	202	200	200	170	120			
NPRI	BLK1	509	512	511	517	500	497	488	481	382	359	390	360	372	380	401	373	530	512	514	519	513	520	517	518	506	510	518	520	511	513	512	517	518	519	510	520	517	499	521	514	512	510	511	511	509	511	512	513		
NPRI	BLK2	512	512	513	515	500	500	311	308	309	309	305	308	309	307	308	313	452	504	503	512	522	513	511	511	498	503	511	512	506	506	505	509	512	512	502	512	510	512	514	514	513	514	513	513	512	512	514			
PCGP	PGRG	601	600	600	603	601	601	600	508	299	212	213	209	210	208	212	503	592	593	598	608	597	596	598	586	594	597	586	589	588	595	597	599	585	600	600	598	599	606	602	604	602	606	602	607	601					
PGLA	GT11	193	203	203	170	168	169	169	169	168	168	169	169	169	169	169	169	169	203	203	203	203	203	203	203	203	203	203	202	202	203	203	203	203	204	204	167	168	198	200	201	201	201	201	202	200					
PGLA	GT12	155	252	234	168	168	168	168	168	168	168	168	168	168	168	168	168	168	168	168	168	229	229	229	229	229	229	229	229	229	229	229	229	229	229	229	229	229	229	229	229	229	229	229	229	229					
PGLA	ST10	115	240	240	207	207	207	207	207	207	206	206	208	208	207	207	207	238	235	240	242	242	240	242	240	239	242	242	241	242	241	242	241	241	242	241	241	242	242	207	207	207	237	235	235	234	234	232	235	235	
PLPS	GT11	0	0	0	0	0	0	0	0	0	55	55	56	55	36																																				

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																								
YPAK	GT12	0	0	0	0	0	0	0	0	0	0	0	0	0	64	131	130	131	131	131	132	133	132	132	131	132	132	79	67	67	67	121	127	127	127	127	128	127											
YPAK	ST10	0	0	0	0	0	0	0	0	0	0	0	0	0	53	35	34	34	31	99	123	125	125	124	125	124	126	125	125	125	126	125	126	125	96	80	79	79	99	120	120	120	119	120	119	114	54		
Total CCGT-Gas		4232	4402	4397	4207	4042	3836	3712	3499	3294	3147	3143	3090	3129	3265	3395	3337	4110	4843	5364	5577	5712	5982	6310	6287	6247	6391	6455	6572	6675	6736	6766	6823	6748	6758	6594	6281	5923	5635	5811	6562	6634	6622	6475	6481	6206	6222	5920	5601
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	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
BSIA	HY02	11	11	11	12	11	11	12	11	11	11	11	11	11	11	11	11	11	12	12	11	11	11	11	11	11	11	11	23	23	23	24	24	24	24	24	24	24	24	24	24	12	12	12	12				
BSIA	HY03	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	14	14	22	22	22	0	0	0	0	0	0	0	0	0	0	0	0	0			
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			
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	8	9	9	9	9	9	9	8	9	9	9	9	9	9	8	8				
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			
HTRG	HY01	125	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	61	62	63	63	124	125	63	-1	-1	125	125	125	125	125	125	125	-1	-1	-1	-1	61	63	63	63	-1	-1	-1	-1	-1			
KNRG	HY01	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			
KNRG	HY02	23	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0			
KNRG	HY03	24	25	25	25	25	24	25	24	25	25	25	24	25	25	25	25	25	25	25	24	24	24	24	24	24	24	24	36	21	20	22	21	22	22	22	22	22	21	22	22	22	22	22	22	22			
KNYR	HY01	99	94	99	91	65	67	65	64	67	64	65	63	64	65	68	66	64	65	61	99	99	95	73	65	62	61	63	89	63	75	77	83	98	99	98	80	99	98	99	99	99	99	99	99	99	99		
KNYR	HY02	89	92	98	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	99	61	95	99	95	64	97	96	94	57	58	58	99	99	99	99	99	99	99	99	99	99	99	99	99	99	99	99	99	99		
KNYR	HY03	99	60	0	0	0	0	0	0	0	0	0	0	0	0	0	0	99	97	99	99	99	72	72	70	68	63	64	88	75	86	99	99	99	99	82	99	98	98	99	99	99	99	99	99	99	99		
KNYR	HY04	99	100	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	100	98	99	99	99	99	99	99	98	57	58	58	99	99	99	99	99	99	99	99	99	99	99	99	99	99	99	99	99	99	99		
LPIA	HY01	12	12	12	12	12	12	12	13	13	13	13	14	14	14	14	14	14	14	14	15	16	16	16	16	16	16	16	16	16	16	16	15	15	15	15	16	16	16	16	16	16	16	16	16	16			
LPIA	HY02	12	12	12	12	12	12	12	13	13	13	13	13	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	16	15	15	15	15	16	16	16	16	16	16	16	16		
MNOR	HY01	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	3	3	3	3	5	5	5	5	3	3	6	6	6	6	6	6	4	4	3	3	3	3	4	4	4	4	3	3	2	2	2	
PGAU	HY01	-1	-1	-1	-1	-1	-1	-1	-1	19	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	20	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	21	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	
PGAU	HY02	-1	-1	-1	-1	-1	18	-1	-1	19	-1	-1	-1	-1	-1	19	-1	-1	-1	-1	21	21	-1	22	21	21	21	21	21	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	
PGAU	HY03	21	21	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	23	21	22	22	20	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	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	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		
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		
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	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	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	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	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
TMGR	HY01	33	34	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	62	31	82	81	31	31	31	31	31	31	31	31	31	82	34	34	34	0	0	0	0	35	34	35	-1	-1	-1	-1
TMGR	HY02	33	33	33	33	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	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	HY03	-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	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1			
TMGR	HY04	32	32	33	33	40	41	40	41	41	41	41	41	41	41	40	41	41	41	41	41	40	39	39	41	41	39	40	40	41	33	31	34	34	34	34	34	33	34	34	34	33	33	33	33	33	34		
UJLI	HY01	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	111	107	103	-1	-1	-1	-1	-1	-1	140	140	143	89	109	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1		
UJLI	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	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1			
UPIA	HY01	5	5	6	6	6	6	5	5	5	5	5	6	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	6	5	6	6	6	6	6	6	6	6	6			
UPIA	HY02	2	2	2	2	2	2	2	2	2	2	2	2	2	3	3	3	3	2	2																													

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																								
KKLS	LSS1	0	0	0	0	0	0	0	0	0	0	0	0	0	5	10	9	11	13	20	33	39	40	35	25	34	41	41	36	36	33	21	22	13	10	4	2	0	0	0	0	0	0	0	0	0			
MCLS	LSS1	0	0	0	0	0	0	0	0	0	0	0	0	0	4	7	10	17	22	29	35	36	43	30	42	30	41	50	29	25	15	19	21	22	14	10	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	1	4	11	18	26	36	29	41	52	52	39	53	52	53	43	15	9	13	9	12	7	5	1	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	1	2	3	13	18	25	20	34	21	30	23	15	21	24	32	33	28	12	11	4	6	6	2	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	12	41	84	131	193	221	240	324	317	332	310	340	327	373	327	226	228	184	130	124	76	56	25	5	0	0	0	0	0	0	0	0	0	0	
PCUF	CUFG	2	4	3	4	3	4	4	3	4	3	4	3	5	4	5	4	3	4	3	4	5	4	3	4	3	4	20	29	30	29	30	29	30	30	29	30	4	4	4	3	3	4	3	4	4	3		
PCUF	CUFK	0	4	0	4	2	1	4	4	2	4	2	3	4	2	4	2	3	2	4	4	3	4	3	3	4	4	28	28	29	29	28	29	29	30	29	2	5	2	2	3	4	4	1	1	6	3	4	
Total Co-Gen		2	8	3	8	5	4	8	8	5	8	5	6	8	6	4	8	9	5	7	5	9	8	8	8	6	7	7	8	48	57	59	58	58	59	59	59	6	9	6	5	6	7	8	4	4	10	7	7
Total Gen		14059	13721	13462	13069	12852	12670	12537	12322	12109	12014	11965	11904	11956	12090	12236	12200	12968	14195	14928	15523	15823	16234	16566	16663	16515	16412	16377	16647	16974	17190	17206	17262	17257	17149	16725	16026	15535	15204	15327	16122	16335	16328	16186	16031	15800	15792	15501	15197
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		
TIE-HVDC		-29	-29	-28	-28	-28	-30	-30	-29	-29	-29	-29	-28	-28	-29	-29	-30	-30	-29	-29	-30	-30	-29	-29	-29	-29	-29	-29	-29	-29	-29	-29	-29	-29	-29	-29	-29	-29	-29	-29	-29	-28	-29	-29	-28	-28			
TIE-PLTG		33	-10	9	-1	13	-5	-1	-11	-3	-50	60	18	-22	68	0	-22	-17	92	21	70	4	-8	24	-1	42	8	37	30	33	-16	-46	12	-19	-1	105	-9	27	-23	23	44	58	15	32	24	44	-6	20	-12
Interconnection		4	-39	-20	-30	-15	-34	-31	-41	-31	-78	31	-11	-51	39	-29	-52	-45	64	-8	41	-26	-38	-5	-30	12	-22	8	1	4	-45	-75	-18	-48	-30	76	-37	-2	-52	-6	15	30	-13	3	-5	15	-35	-9	-41
System Total		14058	13764	13486	13103	12870	12707	12572	12366	12143	12095	11937	11919	12011	12055	12269	12255	13016	14134	14939	15485	15852	16275	16574	16696	16506	16437	16373	16650	16974	17239	17285	17284	17309	17183	16653	16066	15540	15259	15336	16110	16308	16345	16187	16039	15788	15830	15513	15242
SRev ST-Coal		234	249	285	374	380	369	372	368	380	370	370	376	372	365	357	369	384	361	278	117	101	123	111	115	130	123	109	139	121	69	92	115	105	98	133	118	117	104	98	111	106	99	97	140	106	113	98	106
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	
SRev CCGT-Gas		209	257	262	452	617	823	947	1160	1518	1938	2016	2069	2030	1959	1829	1937	1179	585	369	282	212	301	215	238	421	327	296	249	302	241	236	189	264	194	408	721	1079	1367	1191	440	368	380	527	521	583	567	695	675
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 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	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		33	64	32	64	67	68	64	64	67	64	67	66	64	66	68	64	63	67	65	67	63	64	64	64	66	65	65	64	24	15	13	14	14	13	13	13	66	63	66	67	66	65	64	68	68	62	65	65
Syncon		764	890	1078	1179	1179	1028	1179	1179	877	1179	1179	1179	1179	1028	1179	977	977	700	513	577	426	426	613	613	739	739	613	426	489	489	489	489	489	676	739	890	739	890	764	764	764	977	826	977	977	826	826	
Hydro		552	417	312	188	155	285	154	157	151	416	153	155	151	153	148	283	153	155	203	319	389	355	598	467	386	444	460	515	521	485	488	467	490	602	484	334	118	247	112	175	276	278	276	111	252	124	125	252
S.Reserve Total		1792	1877	1969	2257	2398	2573	2716	2928	3295	3665	3785	3845	3796	3722	3581	3681	2958	2145	1892	1485	1278	1420	1414	1310	1616	1572	1669	1706	1581	1236	1318	1274	1362	1396	1714	1925	2270	2520	2357	1557	1580	1586	1728	1817	1835	1843	1960	1924