

Daily System Generation Summary on Friday

Friday, June 28, 2019

Availability at Daily Maximum Demand Hour

ST-Coal	0 MW
ST-Gas	0 MW
ST-Oil	0 MW
Hydro	2,320 MW
Distillate	0 MW
Total TNB	2,320 MW
Total IPP	15,431 MW
Total Co-Gen	0 MW
Total System	20,675 MW

Generation Mix

Type	MWh	Percentage
Hydro	6,767	1.81 %
Gas	37,875	10.13 %
Total TNB	44,642	11.94 %
ST-Coal	226,414	60.56 %
LSS	1,914	0.51 %
Gas	99,009	26.48 %
Total IPP	327,337	87.56 %
Co-Gen	1,655	0.44 %
Total Co-Gen	1,655	0.44 %
Total Generation	373,634	99.94 %
PLTG	471	0.13 %
HVDC	-696	-0.19 %
Interconnection	-225	-0.06 %
Net Energy	373,859	100.00 %

Maximum Demand Record

Date: 4/18/2019	18,566 MW
Date: 4/18/2019	391,845 MWH

Set On Bus, TNB, IPP And MD

Daily Maximum Demand Hour at:	16:30:00 Hour
Total Set On Bus	18,956 MW
TNB Generation	2,245 MW
IPP Generation	15,075 MW
Spinning Reserve	1,570 MW
Maximum Demand	17,441 MW
Net Energy	373,859 MWH
Load Factor	89.32 %

Fuel Cost

Total Cost:	69,449,928.46 RM
Cost per Unit	18.56 cents/kWH

Average Spinning Reserve During Peak Hour

Type	MW
GT	573
Hydro	251
Syncon	753
Thermal	157
Total	1,734

Time Weather Temperature

Afternoon	Rainy	33
Morning	Cloudy	28

Gas Usage

Station	(mmscfd)
GLGR	28
PGPS	37
TJGS	207
Total TNB	272
MPSS	28
NPRI	151
PGLA	93
PLPS	29
PTEK	6
SGB3	57
SGRI	167
SKSP	49
YPKA	54
Total IPP	633
Total Gas	905

Total Gas Required 905

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	15686	14888	14297	13974	13558	13272	13408	13352	13586	15200	16176	16837	16786	16393	16613	17178	17397	17239	16065	15834	16855	16785	16309	16269

Prepared By: -Select Name-

Checked By: -Select Name-

Printed on: Tuesday, July 09, 2019 2:41:16 PM

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

Daily MW Generation on Friday

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	694	693	694	692	695	693	693	693	686	693	703	694	693	690	693	692	694	692	691	697	692	691	694	692	695	693	693	692	692	694	692	691	692	691	692	693	693													
JMAH	U002	353	351	354	352	353	551	602	604	661	691	695	697	695	694	694	695	693	694	696	693	693	693	694	693	694	693	693	692	693	694	693	694	695	695	695	694	695													
JMHE	U002	757	757	756	757	756	751	761	757	757	752	753	759	758	754	757	755	756	758	759	759	760	776	761	756	754	757	755	759	754	753	753	754	758	755	752	63	81	80	143	294	396	505	508	504	505	505	502	507		
JMJG	U001	667	669	668	671	672	671	671	674	671	669	672	671	671	672	668	669	672	666	670	671	674	671	674	671	672	669	671	672	665	671	672	669	672	677	670	673	671	677	673	670	675	673								
JMJG	U003	662	662	662	663	660	665	661	666	663	662	662	662	662	662	666	662	662	663	662	663	662	662	661	663	662	662	662	664	662	663	662	657	659	657	661	660	662	662	661	663	667	663								
JMJG	U004	977	978	979	977	940	854	821	821	822	821	821	820	820	822	821	821	821	969	979	977	976	979	979	977	978	977	977	978	978	979	978	985	983	978	979	978	980	979	979	979	981	980	979	980	979	981				
JMJG	U005	977	975	976	977	944	814	820	820	824	823	820	823	818	821	819	823	819	905	977	974	974	977	977	977	974	975	975	975	974	973	975	975	977	974	975	977	977	969	974	973	974	976	979	976	974	976	972	972		
PKLG	U003	284	284	283	285	285	284	283	285	282	281	282	285	285	283	282	284	281	283	283	284	280	285	285	282	282	281	272	277	276	292	272	275	212	273	286	293	287	285	284	283	283	285	286	283	281	279	284	282		
PKLG	U005	471	470	471	470	471	470	469	470	468	470	467	466	471	473	472	468	466	473	470	470	468	470	469	469	470	470	468	470	470	468	470	468	470	469	470	468	469	469	472	469	470	468	470	470	470	470				
PKLG	U006	464	472	470	471	470	474	474	471	471	472	471	474	472	473	469	469	471	472	469	472	474	470	472	480	478	470	465	468	469	472	471	468	468	469	470	469	468	471	470	469	468	471	466	465	458	470	470			
TBIN	U001	690	697	697	691	689	692	692	690	692	690	691	691	691	691	692	690	692	689	690	690	692	689	691	693	690	690	688	691	692	690	692	691	690	689	689	690	692	686	691	691	689	691	689	691	691	689	690			
TBIN	U002	691	691	693	690	691	693	693	688	693	691	690	693	691	693	690	692	689	693	691	692	691	690	691	692	693	692	695	688	692	693	690	691	695	691	689	694	691	692	692	692	693	690	692	692	693	691	689	692		
TBIN	U003	691	687	692	688	697	690	692	692	689	690	694	691	693	692	691	690	694	690	693	693	693	695	691	695	693	692	692	693	691	701	686	695	692	698	689	692	689	692	689	692	691	690	696	693	691	694	692	692	693	692
TBIN	U004	983	983	981	981	964	877	824	824	823	822	823	826	826	823	822	823	823	892	982	983	982	983	983	981	984	984	983	983	962	968	982	983	982	983	980	982	983	983	982	981	981	981	982	982	983	982	982	982		
Total ST-Coal		9361	9369	9376	9365	9287	9179	9156	9155	9202	9227	9244	9252	9246	9243	9234	9235	9229	9541	9714	9715	9707	9738	9715	9713	9720	9713	9705	9694	9672	9712	9689	9708	9652	9705	9692	9030	9032	9022	9093	9237	9351	9455	9470	9462	9453	9444	9459	9462		
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			
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		
GLGR	GT02	95	95	95	95	95	95	95	95	95	95	95	95	95	95	95	95	95	95	95	95	95	96	95	95	95	95	95	95	95	95	95	95	95	95	95	95	96	95	95	95	95	95	95	95	95	96				
GLGR	ST1C	40	39	39	39	40	40	40	40	40	40	40	40	40	38	39	39	39	39	39	39	39	39	39	38	38	38	38	38	38	38	38	38	38	38	38	39	39	39	39	39	39	39	39	39	39	39	39	39		
MPSS	GT01	108	109	87	87	85	86	88	90	88	87	88	92	91	88	90	88	90	92	87	89	91	90	89	90	87	88	87	88	89	88	88	90	89	90	87	92	89	89	87	92	88	88	89	89	88	87	88			
MPSS	ST01	50	51	38	36	35	36	37	37	37	37	38	37	38	36	38	36	38	37	37	41	40	39	39	39	39	39	39	39	40	41	40	40	40	39	41	41	39	39	40	42	38	39	38	38	38	37				
NPRI	BLK1	515	506	516	515	512	513	512	515	470	412	379	402	395	472	357	326	439	505	437	506	511	505	505	506	498	503	502	505	505	506	506	505	506	505	481	506	505	505	506	511	508	505	508	507	506	502	504			
NPRI	BLK2	517	509	518	518	513	514	515	517	460	391	378	402	395	477	361	320	424	508	436	498	514	508	505	508	502	506	503	508	507	508	509	507	484	509	506	507	506	511	514	511	508	509	508	508	508	508	507			
PCGP	PGRG	602	592	603	601	596	598	600	601	596	579	596	603	602	597	602	591	603	604	593	600	601	603	603	601	595	601	596	601	602	602	605	604	602	568	602	600	602	598	605	602	602	601	602	603	602	600	602			
PGLA	GT11	171	171	211	175	0	0	0	0	0	0	0	0	0	0	0	63	129	129	225	214	209	213	214	189	194	181	187	185	200	211	211	215	215	205	214	214	213	213	214	217	214	215	215	215	215	215	214			
PGLA	GT12	177	175	217	178	177	220	159	156	155	149	155	157	156	156	157	154	160	174	174	231	222	214	219	219	193	198	186	192	191	206	216	218	219	219	210	219	219	218	219	219	222	219	220	220	219	219	220			
PGLA	ST10	217	210	237	134	96	115	102	90	90	91	91	91	91	91	91	91	87	162	253	241	237	240	240	226	231	221	221	209	230	240	239	242	242	237	241	241	241	239	241	243	241	241	241	241	240	239				
PGPS	GT3A	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	44	85	93	67	66	67	66	94	93	94	94	93	64	66	88	88	89	88	89	88	89	88	89	89	0				
PGPS	GT3B	94	94	72	71	71	71	71	71	71	71	71	71	71	71	71	72	71	71	72	72	95	95	80	94	68	67	67	67	94	93	93	93	94	65	67	88	89	89	89	89	89	89	90	90	90	89	89			
PGPS	ST3C	43	43	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	31	30	31	44	44	36	90	63	63	63	63	90	90	91	90	90	63	62	74	84	85	85	85	84	84	84	84	84	41			
PLPS	GT11	0	0	0	0	0	0	0	0	0	0	0	0	0	27	50	51	50	50	50	51	51	51	51	51	51	51	50	50	51	49	51	51	144	137	140	111	114	114	114	112	134	137	134	134	135	135	135	115		
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	0	0	0	0	0	0	0	17	88	139	140	139	136	141	142	140	139	139	139	137	140	120			
PLPS	ST18	0	0	0	0	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	58	59	59	111	134	136	137	137	143	143	144	148	148	148	144	143	139				
SGB3	GT																																																		

Daily MW Generation on Friday

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																									
TJGS	GT1B	199	178	215	210	184	216	192	163	137	122	136	134	135	131	131	131	133	134	132	140	219	205	214	211	214	214	214	214	214	215	216	199	215	216	216	216	215	215	215	213	217	213	217	213	217				
TJGS	ST1C	233	207	243	244	237	243	228	214	181	177	177	180	180	180	180	180	180	184	183	183	249	246	248	248	248	248	248	248	248	248	248	248	248	248	248	248	248	248	248	248	248	248	248	248	248				
TJGS	GT2A	226	226	226	225	225	225	225	147	147	147	144	147	147	145	148	147	165	217	220	220	220	220	220	219	219	221	223	222	220	220	220	220	220	220	223	225	225	225	225	225	225	225	225	225	225	226			
TJGS	GT2B	203	204	204	204	204	204	204	144	144	144	144	144	144	143	143	142	162	209	202	202	202	203	203	200	202	202	199	199	199	199	199	199	199	197	197	197	197	197	197	197	197	198	198	197	197				
TJGS	ST2C	262	262	262	262	262	262	262	211	211	211	211	211	211	211	211	211	216	258	258	258	261	261	261	261	261	261	261	261	261	261	261	261	261	261	261	261	261	261	261	261	261	261	261	261	261				
YPKA	GT11	128	128	65	65	65	64	64	65	65	64	64	65	65	65	65	65	127	128	129	128	128	128	127	127	66	66	66	126	129	127	126	127	128	111	117	118	117	117	127	127	126	126	126	126	125	127			
YPKA	GT12	126	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	27	135	130	132	131	130	130	128	67	66	66	131	131	131	132	131	131	113	119	119	119	119	131	129	131	130	130	131	130	130	131		
YPKA	ST10	118	56	34	33	33	34	33	33	33	34	33	34	33	33	34	34	52	124	125	126	127	127	127	127	83	83	83	124	127	127	128	128	127	117	118	119	119	118	127	126	126	125	127	126	126	125			
YPKA	GT21	65	65	65	107	122	65	65	65	65	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0			
YPKA	ST20	39	38	38	47	56	38	38	38	20	0	0	0	0	0	0	0	0	0	0	0	0	0	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 CCGT-Gas		5974	5597	5304	5064	4740	4775	4563	4293	4097	3880	3815	3887	3859	4035	3840	3740	4098	4720	5049	5594	5978	6235	6472	6564	6482	6158	6102	6136	6307	6435	6650	6756	6875	6865	6576	6564	6554	6471	6446	6735	6709	6665	6617	6517	6549	6620	6632	6235	
PTEK	GT1A	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0			
PTEK	GT1B	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	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	0	0	0	0	0	0	108	106	106	107	51	0	0	0	0	0	108	106	106	106	58	0	0	0
BSIA	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			
BSIA	HY03	10	12	11	11	10	11	10	10	10	11	11	11	10	11	0	0	0	0	0	0	0	0	0	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	8	7	7	8	7	7	8	7	8	8	7	8	7	8	8	7	7	7	8	7	8	7	8	8	8	8	8	7	7	7	5	7	7	7	5	6	5	5	5	5	5	5	5	7	8		
CEND	HY02	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	7	7	5	5	7	7	7	5	5	5	5	5	5	5	5	5	5	0	0		
CEND	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	3	3	7	10	4	0	0	5	5	5	5	5	5	5	5	8	8			
HTRG	HY01	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	62	62	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	62	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1			
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	-1	-1	-1	-1	-1	63	125	63	-1	-1	-1	-1	-1	-1	-1	-1	-1				
KNRG	HY02	24	24	25	24	24	24	24	25	24	23	24	25	25	24	25	24	25	25	25	25	25	25	25	24	25	24	24	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25			
KNYR	HY02	60	59	60	60	59	61	58	58	60	58	59	61	62	60	60	59	61	60	58	58	61	61	61	60	60	59	59	58	59	61	61	61	61	54	98	98	58	58	88	84	77	62	63	63	62	61	59		
KNYR	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	61	-1	-1	-1	-1	-1	98	-1	-1	-1	-1	-1	-1			
LPJA	HY02	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	27	21	21	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16			
MNOR	HY01	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	3	3	3	3	3	3	3	4	4	4	4	4	4	6	6	6	6	6	6	6	2	2	2	2	5	5	4	4	3	3	3	3	
PGAU	HY01	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	22	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	20	-1	-1	-1	-1	-1	-1	-1	24	22	22	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1		
PGAU	HY02	-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	-1	-1	-1	-1	-1	-1	-1	-1	83	-1	-1	-1	6	18	112	113	54	20	-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	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	30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	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	31	31	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	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	17	17	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	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	17	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	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	34	33	33	34	33	34	33	34	34	32	33	33	33	33	33	33	34	34	33	33	35	35	35</																										

Daily MW Generation on Friday

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		
MCLS	LSS1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5	12	5	22	18	21	25	21	21	37	37	37	37	37	37	37	37	37	37	37	37	37	37	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	1	2	10	22	18	16	21	21	33	14	17	29	56	44	47	30	53	27	19	10	11	6	1	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	0	0	1	3	5	13	19	24	29	31	35	39	37	29	25	9	37	9	23	26	20	14	14	9	4	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	0	0	4	25	56	99	141	154	189	227	218	221	231	230	254	238	251	200	252	187	179	142	131	92	65	44	1	0	0	0	0	0	0	0	0	0
PCUF	CUFG	35	34	33	34	34	34	35	33	32	33	33	33	34	34	33	34	30	31	30	31	31	27	27	32	31	31	32	31	30	32	32	32	31	29	32	30	32	31	30	32	31	31	31	31	31	33			
PCUF	CUFK	31	38	39	39	38	39	39	39	38	39	38	39	40	38	38	40	40	39	39	38	39	37	38	37	36	38	37	35	35	35	34	36	35	35	32	36	36	36	36	36	36	35	35	37	37	36	36	38	37
Total Co-Gen		66	72	72	73	72	73	74	72	70	72	71	72	74	72	71	74	70	71	69	70	69	66	64	70	68	67	70	68	66	65	67	66	68	66	64	67	66	68	67	67	67	67	68	68	67	67	69	70	
Total Gen		15655	15245	14913	14663	14256	14189	13949	13678	13529	13333	13312	13373	13364	13508	13316	13210	13584	14550	15151	15753	16077	16500	16814	16902	16738	16417	16341	16417	16547	16826	17093	17254	17351	17386	17282	16580	16062	15783	15808	16411	16844	16835	16784	16570	16313	16296	16323	15929	
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		-28	-29	-29	-29	-29	-28	-28	-30	-30	-28	-28	-29	-29	-30	-30	-30	-29	-29	-29	-29	-28	-28	-29	-29	-29	-29	-29	-29	-29	-29	-29	-29	-29	-29	-29	-29	-29	-29	-30	-30	-29	-29	-28	-28	-29	-29	-30	-30	
TIE-PLTG		5	58	62	21	-4	30	11	-15	8	30	76	10	-7	28	2	51	38	19	0	2	-31	-42	21	-13	26	10	35	40	21	-19	-8	26	21	11	105	-14	47	78	12	7	26	16	35	-4	41	6	92	-29	
Interconnection		-23	29	33	-8	-33	2	-17	-45	-22	2	47	-19	-36	-1	-28	21	8	-11	-29	-28	-60	-70	-7	-41	-3	-19	5	11	-8	-48	-37	-3	-7	-18	76	-42	18	49	-17	-22	-3	-13	7	-33	12	-23	62	-59	
System Total		15686	15224	14888	14679	14297	14195	13974	13730	13558	13338	13272	13400	13408	13517	13352	13196	13586	14575	15200	15812	16176	16609	16837	16981	16786	16476	16393	16464	16613	16913	17178	17305	17397	17441	17239	16642	16065	15747	15834	16441	16855	16856	16785	16611	16309	16327	16269	15996	
SRev ST-Coal		169	161	154	165	243	436	390	389	435	410	391	388	387	394	400	412	415	341	176	175	183	152	175	177	170	177	185	196	118	78	176	157	139	111	173	145	158	168	160	173	187	165	150	158	167	176	161	158	
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	1	3	2	58	0	0	0	0	0	0	1	3	3	3	51	0	0	0	
SRev CCGT-Gas		739	921	636	814	778	743	955	1225	1421	1553	1508	1436	1464	1338	1533	1633	1305	843	871	647	452	483	340	324	641	965	1021	987	816	688	483	534	415	435	847	728	738	821	846	557	556	600	648	535	503	432	420	680	
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 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	0
SRev Co-Gen		9	3	3	2	3	2	1	3	5	3	4	3	1	3	4	1	5	4	6	5	6	9	11	5	7	8	5	7	9	10	5	6	4	6	8	5	6	4	5	5	5	5	4	4	5	5	3	2	
Syncon		928	928	928	928	928	928	928	928	928	928	928	928	928	928	928	928	928	928	802	928	928	928	928	928	928	928	928	928	928	928	928	928	741	741	0	313	651	928	928	590	489	590	590	777	928	928	928		
Hydro		197	169	140	140	144	139	145	144	142	148	271	139	267	143	154	145	140	140	208	194	132	129	265	264	154	153	268	136	137	264	189	190	278	274	782	432	310	144	136	336	274	240	259	290	259	135	137	138	
S.Reserve Total		2042	2182	1861	2049	2096	2248	2419	2689	2931	3042	2951	2894	2896	2806	3019	3119	2793	2256	2063	1823	1701	1701	1719	1698	1900	2231	2256	2253	2008	1817	1781	1816	1580	1570	1812	1681	1863	2065	2075	1661	1512	1603	1654	1580	1762	1676	1649	1906	