

Daily System Generation Summary on Saturday

Saturday, June 22, 2019

Availability at Daily Maximum Demand Hour

ST-Coal	0 MW
ST-Gas	0 MW
ST-Oil	0 MW
Hydro	2,296 MW
Distillate	0 MW
Total TNB	2,296 MW
Total IPP	15,937 MW
Total Co-Gen	0 MW
Total System	20,612 MW

Generation Mix

Type	MWh	Percentage
Hydro	6,369	1.84 %
Gas	36,054	10.43 %
Total TNB	42,423	12.28 %
ST-Coal	216,445	62.63 %
LSS	1,189	0.34 %
Gas	82,934	24.00 %
Total IPP	300,568	86.97 %
Co-Gen	1,599	0.46 %
Total Co-Gen	1,599	0.46 %
Total Generation	344,590	99.71 %
PLTG	-313	-0.09 %
HVDC	-697	-0.20 %
Interconnection	-1,010	-0.29 %
Net Energy	345,600	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:	20:00:00 Hour
Total Set On Bus	17,152 MW
TNB Generation	2,149 MW
IPP Generation	13,349 MW
Spinning Reserve	1,588 MW
Maximum Demand	15,606 MW
Net Energy	345,600 MWH
Load Factor	92.27 %

Fuel Cost

Total Cost:	62,165,770.24 RM
Cost per Unit	18.03 cents/kWH

Average Spinning Reserve During Peak Hour

Type	MW
GT	636
Hydro	198
Syncon	834
Thermal	225
Total	1,893

Time	Weather	Temperature
Afternoon	Hot	32
Morning	Sunny	28

Gas Usage

Station	(mmscfd)
GLGR	29
PGPS	22
SRDG	2
TJGS	207
Total TNB	260
MPSS	40
NPRI	151
PGLA	107
PLPS	1
PTEK	2
SGB3	1
SGRI	88
SKSP	48
YPKA	68
Total IPP	507
Total Gas	766

Total Gas Required 766

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	15456	14636	14195	13637	13284	13038	12970	12858	12603	13793	14505	15084	14952	14610	14975	15062	14998	14783	14395	14651	15606	15452	15063	14893

Prepared By: -Select Name-

Checked By: -Select Name-

Printed on: Monday, June 24, 2019 10:58:30 AM

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

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	693	690	692	692	692	691	692	693	692	694	696	693	694	691	694	693	690	694	691	693	693	692	689	692	689	691	690	689	690	691	693	692	687	692															
JMAH	U002	693	694	697	694	695	694	698	694	694	693	690	695	698	694	696	693	696	686	695	694	694	693	696	693	693	693	695	694	692	693	695	695	693																
JMJG	U001	670	669	671	672	670	668	672	672	676	670	670	670	669	673	665	663	672	673	672	669	668	670	671	668	672	668	675	668	671	672	667	671	671	669	668	673	672	670	674	686									
JMJG	U003	666	667	665	665	667	666	668	668	667	668	666	667	668	672	667	667	666	667	668	665	667	667	669	668	664	666	667	668	668	667	662	668	668	667	668	665	667	667											
JMJG	U004	975	977	975	977	975	974	918	831	786	785	786	782	783	783	782	785	783	782	865	961	963	961	963	961	963	961	962	962	959	961	963	962	964	965	963	964	964	963	972	981	978	978	978	978	979				
JMJG	U005	975	977	975	977	977	977	883	778	779	780	781	781	780	781	780	777	779	782	777	798	900	961	958	959	958	961	958	960	958	956	959	958	958	958	963	960	962	963	959	972	978	977	970	975	973	976	975	973	
PKLG	U003	282	283	284	283	283	279	280	283	285	282	283	282	284	282	281	267	211	276	282	282	282	281	281	281	280	284	283	283	282	284	282	283	282	283	284	282	277	279	279	280	280	280	281	279	280	281	277	158	148
PKLG	U004	283	282	280	280	280	280	281	280	281	280	280	276	276	278	278	265	206	276	279	281	283	282	285	284	282	282	283	278	285	280	470	470	470	469	468	470	468	470	470	471	471	475	470	470	470	470	471		
PKLG	U005	470	468	470	470	471	471	472	470	467	468	470	468	384	297	272	268	257	328	422	460	469	470	473	470	471	471	470	470	470	470	469	468	470	468	470	470	470	471	471	470	471	475	470	470	470	470	471		
PKLG	U006	472	476	471	471	474	472	472	470	474	470	472	468	474	471	477	475	472	471	474	474	467	470	474	475	470	470	473	472	477	476	468	470	477	474	471	473	471	471	467	476	472	468	472	473	469	468	471		
TBIN	U001	691	689	686	690	689	693	690	690	690	692	691	690	690	690	691	691	690	692	691	690	686	691	690	690	687	692	688	690	692	691	691	689	691	690	686	690	688	691	690	691	690	689	691	690	691	690	690	690	
TBIN	U002	692	695	692	693	690	691	691	691	696	691	697	693	691	693	693	693	696	693	693	692	694	693	692	692	695	690	695	693	692	694	694	693	692	693	694	694	693	692	692	693	690	694	693	692	693	693	693	693	691
TBIN	U003	691	689	692	691	694	691	692	692	691	691	692	692	692	693	691	691	694	693	692	693	690	691	689	692	691	692	692	693	690	692	691	693	690	692	691	690	692	691	690	692	692	691	691	691	692	692	691	691	
TBIN	U004	972	979	980	983	984	982	928	837	778	783	783	782	781	782	782	782	781	784	782	789	876	962	960	962	962	962	963	964	964	962	956	962	962	961	960	962	962	961	963	965	964	960	962	963	960	959	960		
Total ST-Coal		9225	9235	9230	9238	9241	9229	9037	8749	8657	8645	8655	8642	8565	8481	8448	8405	8298	8497	8602	8750	9034	9185	9192	9187	9185	9170	9202	9178	9198	9188	9180	9183	9186	9167	9221	9194	9182	9187	9176	9203	9218	9220	9204	9216	9221	9208	9088	9096	
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	94	95	95	95	95	95	95	95	95	96	95	96	95	96	95	95	95	95	95	95	95	95	95	95	95	95	95	95	95	95	95	95	95	95	95	95	95	95	95	95	95	95	95	95	95	
GLGR	ST1C	40	40	40	40	39	38	39	39	40	39	40	38	39	39	39	39	40	39	39	39	38	39	39	39	38	38	38	39	39	38	39	39	39	39	39	39	39	39	39	39	39	39	39	39	39	39	39	39	
MPSS	GT01	87	88	87	88	85	85	88	87	88	88	87	86	89	89	89	89	89	89	86	86	88	87	88	100	84	71	71	71	70	70	68	71	70	69	70	70	70	70	70	69	95	109	109	108	108	101	101	109	110
MPSS	GT02	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	25	52	99	85	71	72	71	71	71	71	71	71	72	71	72	71	72	71	96	107	107	108	108	101	31	0	0	
MPSS	ST01	37	36	36	36	35	34	36	36	36	36	36	35	36	37	36	36	37	37	35	35	35	35	36	37	81	89	64	64	64	65	64	64	64	64	64	65	65	65	87	112	113	113	113	113	111	53	51	51	0
NPRI	BLK1	511	507	503	510	510	511	509	509	510	510	476	323	335	410	346	341	466	535	502	499	498	505	505	504	493	486	494	505	505	503	505	500	497	499	496	502	505	505	505	505	505	495	504	494	501	497	505	500	505
NPRI	BLK2	511	509	504	512	511	512	511	511	511	512	476	322	335	410	343	338	466	541	501	501	498	508	506	506	496	489	496	508	507	507	508	503	500	500	496	504	507	507	506	507	497	507	496	502	496	505	502	506	
PCGP	PGRG	605	598	593	602	602	603	604	603	604	603	592	602	604	603	252	252	268	601	594	590	601	600	601	586	576	588	603	601	603	604	599	592	594	593	601	601	602	602	603	593	601	589	597	592	599	596	601		
PGLA	GT11	230	230	213	208	186	167	168	169	168	170	173	165	167	167	167	168	168	202	168	190	180	210	215	217	192	189	181	216	216	213	216	214	209	214	200	174	168	167	203	215	202	214	207	210	202	215	208	213	
PGLA	GT12	236	234	218	212	191	173	172	172	173	174	177	168	172	172	171	172	172	206	172	195	185	214	220	221	197	194	185	221	221	217	220	219	213	218	206	177	172	171	207	220	206	219	212	213	208	218	212	219	
PGLA	ST10	255	255	238	233	226	208	207	207	205	207	209	205	207	207	207	207	207	207	223	207	231	235	235	226	222	215	237	237	237	239	237	239	237	230	221	206	208	220	239	235	240	233	235	230	237	237	229		
PGPS	GT3A	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		
PGPS	GT3B	72	71	72	71	71	71	72	71	71	71	71	71	71	71	71	71	72	71	71	71	71	71	71	71	72	71	71	72	71	72	71	72	72	72	72	72	72	72	72	72	94	94	95	95	94	71	70	70	71
PGPS	ST3C	28	30	30	30	30	30	30	30	30	30	30	30	30	30	30	29	30	30	30	30	30	29	29	29	29	30	30	31	31	30	29	29	29	29	29	29	29	29	29	29	37	42	42	42	42	29	30	29	29
PLPS	GT11	135	70	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
PLPS	ST18	75	35																																															

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		
TJGS	GT2B	199	199	199	199	199	199	199	199	198	143	143	145	144	144	144	144	144	144	202	202	202	202	202	200	202	202	202	203	203	203	203	203	205	203	203	203	203	201	182	202	199	199	199	199	202	202	202	202	202
TJGS	ST2C	259	259	259	259	259	259	259	259	259	211	211	211	211	211	211	211	211	211	256	256	256	256	256	256	256	256	256	256	256	256	256	256	256	256	256	256	238	258	258	260	260	260	260	260	260	260	260	260	
YPKA	GT11	127	127	126	127	66	66	66	66	66	65	66	66	65	65	66	66	65	66	65	66	66	66	127	128	126	66	66	66	100	120	127	127	126	127	112	65	66	66	65	126	127	128	127	128	127	128	128	128	128
YPKA	GT12	129	128	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	52	67	67	130	131	128	67	67	67	101	130	130	130	128	129	109	67	67	67	66	134	139	136	129	130	130	131	130	127		
YPKA	ST10	123	94	52	53	34	33	33	33	33	33	33	33	33	33	33	33	34	34	32	80	81	123	126	126	82	82	82	103	114	126	126	126	125	122	83	82	83	82	126	126	126	122	123	122	123	123	83		
YPKA	GT21	126	125	125	126	64	65	65	65	65	65	65	65	65	65	65	65	65	69	65	124	65	65	123	125	119	65	65	65	65	65	65	65	65	65	65	65	65	65	125	123	125	123	124	123	125	125	125		
YPKA	ST20	57	57	56	57	38	37	37	37	37	37	37	37	37	37	37	37	37	38	39	37	55	38	38	57	59	58	38	38	38	38	38	38	38	38	38	38	38	38	38	58	55	57	56	56	56	57	57	57	
Total CCGT-Gas		5935	5523	5110	4972	4657	4429	4313	4432	4323	4266	4082	3742	3787	3939	3819	3438	3709	4106	4514	4795	4835	5017	5409	5551	5378	5063	5012	5189	5296	5438	5464	5343	5355	5401	5170	5055	4904	4944	5198	5706	5678	5778	5696	5733	5544	5550	5487	5320	
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	112	109	110	0	0	0	0	0		
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	0	0	0	0	0	0	0	0	0	0	0	125	89	51	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	0	0	0	0	0	0	0	0	237	198	161	0	0	0	0	0		
BSIA	HY02	11	10	10	10	11	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	10	10	10	10	10	10	10	10	10	10	10	10	10	10			
CEND	HY01	8	8	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	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7		
CEND	HY02	8	8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	10	10	10	10	10	10	8	8	8	8	8	8	8	8	8	8	8	8	8	8		
CEND	HY04	0	0	0	0	0	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
HTRG	HY01	-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	-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	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1			
KNRG	HY02	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		
KNYR	HY01	0	0	0	0	0	0	0	0	0	0	0	97	97	97	97	97	97	97	97	97	96	96	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
KNYR	HY02	60	60	60	60	61	60	60	60	59	60	60	99	99	100	100	99	100	100	100	98	98	57	58	57	55	55	59	60	59	60	60	58	58	59	58	58	58	58	58	58	58	59	58	58	58	57	57	59	58
KNYR	HY03	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	97	97	96	96	96	96	96	96	96	96	96	60	-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	
KNYR	HY04	0	0	0	0	0	0	0	0	0	0	97	98	97	97	97	97	97	97	96	96	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
LPIA	HY02	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	16	16	16	16	16	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	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3			
PGAU	HY01	-1	-1	-1	-1	-1	-1	22	-1	-1	-1	-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	-1	-1	-1	-1		
PGAU	HY02	-1	-1	-1	-1	-1	20	-1	-1	-1	-1	-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	-1	-1	-1			
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	31	31	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		
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	31	30	31	50	51	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	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	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	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	0		
TMGR	HY01	38	38	37	38	38	38	38	38	38	38	37	37	38	37	37	38	38	38	37	37	37	37	38	36	35	36	37	37	38	38	38	37	37	37	37	38	38	38	37	37	37	37	37	37	37	37	38		
TMGR	HY04	-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	-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	-1			
UPIA	HY01	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															

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		
Total LSS		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3	17	27	35	72	71	109	106	119	142	164	161	201	220	197	151	115	120	112	93	71	40	23	8	5	0	0	0	0	0	0	0	0	0
PCUF	CUFG	29	28	27	27	29	29	29	29	29	29	28	27	29	28	28	30	28	29	28	28	28	27	27	27	26	26	27	27	26	26	26	26	27	26	27	26	26	25	26	28	26	34	33	33	35	36	36	34	
PCUF	CUFK	41	39	41	39	40	38	40	40	42	40	40	41	41	40	40	41	38	41	39	38	38	38	38	37	36	37	36	35	36	37	36	36	36	36	33	35	34	35	34	34	40	39	39	41	39	40	41	40	
Total Co-Gen		70	67	68	66	69	67	69	69	71	69	68	68	70	68	68	71	66	70	67	66	66	65	65	64	62	63	63	62	62	63	62	62	63	62	60	61	60	60	60	62	66	73	72	74	74	76	77	74	
Total Gen		15396	14990	14566	14435	14128	13912	13608	13416	13216	13146	12971	12947	12919	12985	12832	12412	12587	13199	13716	14179	14498	14890	14995	15107	14928	14617	14597	14795	14941	15055	15023	14891	14887	14905	14706	14542	14348	14377	14604	15317	15564	15520	15416	15308	15020	14994	14836	14674	
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	-29	-29	-29	-28	-28	-28	-29	-29	-28	-29	-29	-29	-29	-29	-29	-29	-29	-29	-29	-29	-30	-30	-29	-29	-29	-29	-29	-29	-29	-29	-30	-30	-29	-29	-29	-29	-28	-28	-29	-28	-28	-30	-30	-31	-31		
TIE-PLTG		-24	-29	-34	-18	-32	-16	7	-31	-31	-1	-32	-2	-14	22	11	0	23	-50	-35	18	35	1	-49	-11	14	-9	27	11	21	13	22	-50	-64	-59	-31	7	-4	-34	-10	-51	-6	-7	0	-25	-6	-55	-20	-17	
Interconnection		-53	-58	-63	-48	-60	-44	-21	-59	-60	-30	-60	-30	-43	-7	-18	-29	-6	-79	-64	-11	6	-28	-79	-40	-16	-39	-2	-18	-8	-16	-8	-79	-93	-88	-60	-21	-33	-63	-39	-80	-35	-35	-29	-53	-36	-86	-50	-48	
System Total		15456	15055	14636	14490	14195	13963	13637	13483	13284	13184	13038	12985	12970	13000	12858	12449	12603	13290	13793	14208	14505	14924	15084	15156	14952	14665	14610	14832	14975	15102	15062	14993	14998	15009	14783	14579	14395	14449	14651	15404	15606	15562	15452	15368	15063	15087	14893	14729	
SRev ST-Coal		168	158	163	155	152	164	338	380	370	387	382	387	429	427	436	472	474	444	424	388	335	208	201	206	208	223	191	215	195	205	213	210	207	226	172	199	211	206	217	190	175	173	189	177	172	185	162	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	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	-5	34	71	0	0	0	0	0	
SRev CCGT-Gas		773	836	757	485	800	1028	1144	1003	1112	1169	1353	1693	1648	1496	1616	1997	1726	1324	916	905	1005	823	537	395	623	938	989	812	705	563	537	658	646	600	831	946	1097	1057	803	295	323	223	305	268	457	451	448	399	
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		
SRev LSS		2	2	2	2	2	2	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	2	2	2	2	2	2	2	2		
SRev Co-Gen		-23	-20	-21	-19	-22	-20	-22	-22	-24	-22	-21	-21	-23	-21	-21	-24	-19	-23	-20	-19	-19	-18	-18	-17	-15	-16	-16	-15	-15	-16	-15	-15	-16	-15	-13	-14	-13	-13	-13	-15	-19	-26	-25	-27	-27	-29	-30	-27	
Syncon		928	928	928	928	928	777	777	928	928	928	928	827	827	827	827	827	827	827	827	827	827	827	676	827	777	928	928	928	928	928	928	928	777	928	928	928	928	928	928	777	626	777	777	777	777	928	777	777	
Hydro		135	136	132	131	129	262	260	132	133	132	132	104	102	102	102	104	103	101	102	104	108	237	176	263	137	141	139	133	133	131	135	264	138	139	139	139	140	139	138	139	361	488	301	269	267	271	141	268	268
S.Reserve Total		1983	2040	1961	1682	1989	2213	2497	2421	2519	2594	2776	2990	2983	2831	2960	3376	3111	2673	2249	2205	2256	1928	1723	1624	1881	2214	2231	2073	1946	1811	1798	1894	1903	1878	2057	2199	2362	2316	2074	1610	1590	1484	1588	1464	1677	1678	1627	1573	