

Daily System Generation Summary on Monday

Monday, November 19, 2018

Availability at Daily Maximum Demand Hour

ST-Coal	0 MW
ST-Gas	0 MW
ST-Oil	0 MW
Gas	2,094 MW
Hydro	2,454 MW
Distillate	0 MW
Total TNB	4,548 MW
Total IPP	16,197 MW
Total Co-Gen	63 MW
Total System	21,380 MW

Generation Mix

Type	MWh	Percentage
Gas	22,712	6.35 %
Hydro	13,786	3.85 %
Total TNB	36,498	10.20 %
ST-Coal	222,729	62.27 %
Gas	97,184	27.17 %
Total IPP	319,913	89.44 %
Co-Gen	1,334	0.37 %
Total Co-Gen	1,334	0.37 %
Total Generation	357,745	100.02 %
PLTG	-579	-0.16 %
HVDC	636	0.18 %
Interconnection	57	0.02 %
Net Energy	357,688	100.00 %

Maximum Demand Record

Date: 8/15/2018	18,338 MW
Date: 8/15/2018	388,524 MWH

Set On Bus, TNB, IPP And MD

Daily Maximum Demand Hour at:	15:30:00 Hour
Total Set On Bus	18,539 MW
TNB Generation	2,483 MW
IPP Generation	14,555 MW
Spinning Reserve	1,448 MW
Maximum Demand	17,135 MW
Net Energy	357,688 MWH
Load Factor	86.98 %

Fuel Cost

Total Cost:	68,506,375.83 RM
Cost per Unit	19.92 cents/kWH

Average Spinning Reserve During Peak Hour

Type	MW
GT	328
Hydro	521
Syncon	590
Thermal	139
Total	1,578

Time Weather Temperature

Afternoon	Hot	33
Morning	Sunny	27

Gas Usage

Station	(mmscfd)
GLGR	51
SRDG	4
TJGS	110

Total TNB 164

CBPS	53
KLPP	83
MPSS	37
NPRI	72
PGLA	58
PLPS	94
PTEK	9
SGB3	37
SGRI	64
SKSP	36
YPKA	75

Total IPP 618

Total Gas 783

Total Gas Required 783

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	13949	13357	12828	12410	12027	11960	12299	12437	13085	15024	15989	16613	16530	16408	16905	17068	17134	16756	15612	15907	16414	16127	15575	15236

Prepared By: -Select Name-

Checked By: -Select Name-

Printed on: Tuesday, November 27, 2018 9:46:08 AM

(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	692	694	692	692	694	692	691	692	688	692	699	691	694	691	692	693	695	693	693	692	691	691	694	692	694	692	693	691
JMAH	U002	692	696	693	694	692	693	695	693	696	691	695	693	701	694	693	694	692	694	691	694	695	693	693	693	693	693	693	693
JMJG	U001	666	671	671	670	669	671	665	669	669	666	672	671	672	672	670	675	674	671	673	673	673	670	672	665	666	662	673	674
JMJG	U002	672	671	674	672	671	672	671	671	669	669	673	670	670	671	672	673	667	673	662	673	676	670	672	672	671	671	671	673
JMJG	U003	662	662	669	664	663	665	663	662	664	662	664	662	662	662	664	663	664	662	664	663	666	666	666	666	666	666	666	666
JMJG	U004	947	864	785	787	785	783	786	787	785	786	788	785	787	783	785	800	887	973	982	983	982	983	981	983	983	983	983	983
JMJG	U005	937	792	782	781	780	778	780	780	782	779	778	780	782	781	782	782	895	985	980	981	982	980	981	982	980	982	983	983
PKLG	U004	281	280	279	278	279	280	278	278	275	277	243	232	179	164	151	150	205	279	279	278	280	280	278	280	286	280	279	281
PKLG	U005	467	466	468	467	467	467	466	462	468	460	368	290	267	269	269	268	312	401	467	470	470	469	468	466	466	466	466	469
PKLG	U006	468	470	470	470	470	470	470	471	470	472	469	470	468	470	471	470	469	470	470	374	358	275	269	268	269	270	269	268
TBIN	U001	689	691	689	689	690	689	689	687	689	683	690	689	689	689	686	687	691	689	690	687	688	689	689	689	687	691	689	687
TBIN	U002	690	691	692	690	693	690	690	526	565	700	691	693	692	689	693	693	691	692	692	690	687	691	690	691	690	694	692	693
TBIN	U003	689	689	693	689	690	690	691	689	695	692	691	691	690	691	690	690	692	691	691	691	690	689	689	691	690	686	692	691
TBIN	U004	951	880	880	800	800	800	800	800	800	800	800	800	800	800	800	800	950	950	950	950	950	950	950	950	950	950	950	950
Total ST-Coal		9503	9217	9137	9043	9043	9040	9036	8866	8917	9027	8912	8827	8750	8729	8715	8717	8832	9197	9583	9590	9502	9480	9396	9388	9377	9391	9378	9386
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
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
CBPS	BLK2	354	356	360	354	361	358	362	357	348	219	212	224	220	221	222	223	365	358	358	358	365	379	371	375	364	373	374	375
GLGR	GT01	67	67	69	68	69	68	68	70	68	69	69	70	68	68	68	70	82	105	104	105	103	105	106	104	104	105	103	104
GLGR	GT02	68	68	69	68	68	69	69	69	69	69	69	69	68	69	69	69	84	105	105	105	105	104	105	105	105	104	104	105
GLGR	ST1C	71	70	70	70	71	70	70	69	70	71	70	70	70	70	70	74	91	91	91	93	92	92	92	92	92	92	92	92
KLPP	GT13	108	126	112	110	77	66	64	65	62	61	63	65	65	65	69	66	107	118	145	142	143	145	145	145	144	144	144	145
KLPP	GT14	121	139	126	126	101	76	76	75	75	75	75	79	79	75	77	81	83	110	110	154	153	151	152	154	154	154	153	152
KLPP	GT15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	28	111	
KLPP	ST17	122	130	122	120	109	81	81	78	78	77	76	80	80	81	81	82	85	115	117	134	138	134	134	134	135	135	135	134
MPSS	GT01	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	13	38	82	108	107	107	106	106	105	105	106	
MPSS	GT02	0	0	0	0	0	0	0	0	0	0	0	20	37	70	85	86	110	109	108	108	92	108	107	108	107	107	107	
MPSS	ST01	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	18	51	51	52	49	39	114	115	115	115	115	115	
NPRI	BLK1	491	497	460	436	493	326	326	343	314	312	318	354	468	373	335	400	512	505	501	511	523	524	524	523	525	515	518	511
PCGP	PGRG	558	567	575	562	570	572	574	578	502	431	437	452	502	578	572	452	578	662	653	660	663	665	704	718	709	705	702	
PGLA	GT11	170	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
PGLA	GT12	171	169	235	230	235	235	235	236	153	155	156	161	161	161	159	162	189	234	228	228	231	232	232	230	221	222	231	
PGLA	ST10	129	93	112	115	115	117	117	116	89	89	89	90	90	90	90	92	111	113	111	115	115	114	113	114	115	114	112	
PLPS	GT11	132	133	132	129	132	134	66	67	62	63	62	66	67	68	68	67	64	111	131	133	133	133	134	131	131	133	135	
PLPS	GT12	136	136	143	137	141	141	64	64	59	60	60	63	64	64	64	65	119	136	139	137	138	139	136	134	135	136	135	
PLPS	GT13	126	128	35	0	0	0	0	0	0	0	0	0	0	0	0	0	69	128	129	130	129	130	126	127	128	126	126	
PLPS	ST18	212	213	190	143	145	144	96	94	90	89	89	93	94	94	95	94	135	209	213	213	213	211	214	211	212	212	211	
SGB3	GT31	138	139	139	139	140	140	139	137	138	138	140	140	140	141	115	116	116	116	115	128	115	122	124	117	132	132	142	
SGB3	ST34	83	73	73	73	71	71	73	75	73	71	73	73	72	72	72	67	67	67	68	68	71	71	70	70	67	67	67	
SGRI	GT21	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	55	131	130	130	127	127	119	116	116		
SGRI	GT22	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	40	142	132	128	124	124	121		
SGRI	GT23	0	0	0	0	0	0	0	0	16	55	33	33	36	29	25	50	137	140	146	145	143	143	128	126	123	123		
SGRI	ST24	0	0	0	0	0	0	0	0	0	0	0	0	0	12	35	69	70	62	140	139	214	216	212	210	210	202		
SKSP	BLK1	0	0	0	0	0	0	0	0	0	0	0	17	67	242	239	268	232	331	284	343	347	259	258	248	218	327	346	
TJGS	GT1A	227	197	223	227	194	193	186	202	181	184	186	233	229	216	225	236	228	233	228	227	230	230	232	232	227	228	232	
TJGS	GT1B	214	217	185	190	189	181	180	189	170	173	173	218	219	214	211	222	217	219	217	218	221	223	222	221	214	216	223	
TJGS	ST1C	248	237	233	229	208	222	226	209	207	204	224	239	243	242	235	244	244	248	248	252	255	255	255	255	255	252	255	

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																									
YPKA	GT11	0	0	0	0	0	0	0	0	11	68	68	70	70	134	105	64	64	65	82	115	129	130	130	129	124	124	125	126	126	126	124	124	123	124	124	123	98	133	134	133	132	134	132	131	132	131	123		
YPKA	GT12	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	30	135	133	133	133	133	135	134	134	133	134	133	133	133	133	134	135	134	135	101	136	136	136	136	137	134	134	134	135	134		
YPKA	ST10	0	0	0	0	0	0	0	0	0	0	0	0	0	53	50	32	32	33	106	125	125	126	125	125	124	123	124	125	124	124	124	123	123	122	102	124	127	126	126	126	125	124	125	123	85				
YPKA	GT21	124	125	125	124	65	65	65	67	67	67	66	67	66	67	67	67	67	126	126	125	125	125	125	124	125	125	125	125	125	124	126	124	125	125	65	125	125	125	125	125	125	124	125	124					
YPKA	ST20	61	61	61	60	41	36	36	38	38	38	38	39	39	39	39	39	61	61	62	62	62	61	61	61	61	61	62	61	61	61	61	61	61	39	59	61	60	60	60	60	61	61	60	60					
Total CCGT-Gas		4131	3941	3849	3710	3595	3365	3173	3198	2924	2799	2848	3038	3244	3391	3528	3431	3965	4699	5012	5355	5674	5738	5986	5969	5878	5853	6001	6010	6033	6015	5906	5941	6058	6230	6085	6140	5800	5554	5991	6110	5955	6013	6050	6016	5614	5546	5376	5047	
PTEK	GT2A	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	110	111	111	111	111	70	70	69	0	0	0	0	0	0	0	0	0	0	0	0			
PTEK	GT2B	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	107	106	105	105	76	68	68	28	0	0	0	0	0	0	0	0	0	0	0	0		
SRDG	GT05	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	32	123	124	125	90	88	18	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	110	250	340	340	341	236	226	155	28	0	0	0	0	0	0	0	0	0	0	0	0		
BSIA	HY01	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	12	12	12	12	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	23	23	23	23	13	12	12	12	12	12	12	12	12	12	12	12	12	12	11	11	11	11	11	12	12	12	12	12	23	14	14	13	13	13	13	13	13	13	13	13	13	13	13	23	23	23	23		
BSIA	HY03	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	12	12	12	12	11	0	0	0	0	0	12	12	12	12	12	0	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	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	
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	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	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	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	8	8	8	8	8		
CEND	HY04	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	6	7	7	7	7	7	7	7	7	7	6	7	6	7	6	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7		
HTRG	HY01	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	63	64	63	63	-1	63	63	64	64	63	-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	63	63	-1	-1	-1	-1	-1	-1	63	63	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1		
KNRG	HY01	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	23	22	22	22	22	0	0	0	0	22	22	22	22	22	22	22	0	0	0	0	0	0	0	0	0	0	0	0	0	0
KNRG	HY02	38	38	38	38	26	26	26	25	25	25	26	26	26	26	26	26	26	26	25	25	25	24	24	25	25	25	37	25	37	25	25	24	25	24	26	26	25	26	25	26	26	26	25	26	25	25	25		
KNRG	HY03	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	38	39	38	38	38	38	38	38	38	25	37	21	21	21	21	21	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
KNYR	HY01	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	58	61	95	94	94	94	94	94	94	94	94	94	94	94	94	94	94	57	-1	-1	-1	95	95	58	57	58	-1	-1	-1	-1			
KNYR	HY02	56	59	62	59	56	59	59	66	59	58	57	77	75	61	63	67	68	61	60	61	90	97	97	97	62	61	97	97	97	97	95	91	77	92	57	98	72	83	99	98	82	86	59	62	59	67	57	56	
KNYR	HY03	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	57	60	94	94	94	94	94	94	94	94	94	94	94	95	94	95	0	0	0	0	95	95	95	0	0	0	0	0	0	0	0
KNYR	HY04	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	58	62	95	95	95	95	95	95	95	95	95	95	95	95	95	95	95	57	0	0	0	0	0	0	0	0	0	0	0	0	0
LPIA	HY01	0	0	0	0	0	0	0	0	0	0	20	20	20	20	20	20	20	19	20	20	20	20	20	20	20	20	20	20	20	20	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16
LPIA	HY02	0	0	0	0	0	0	0	0	0	0	20	20	20	20	20	20	20	20	19	18	18	20	20	20	20	20	20	20	20	20	16	16	16	15	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	4	4	5	5	7	7	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	7	7	6	6	6	6	7	7	7	7	7	7	
PGAU	HY01	21	25	22	20	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	22	22	22	19	20	22	22	22	22	22	22	22	22	20	22	20	21	20	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1
PGAU	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	21	21	21	21	21	21	21	21	-1	-1	
PGAU	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	0	
PGAU	HY04	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	22	22	22	22	22	22	21	21	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	30	30	50	50	50	50	50	50	50	50	50	50	50	50	50	30	30	30	30	30	30	30	50	50	50	50	50	50	50	50	
SIHY	HY03	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	50	50	50	50	50	50	50	50	50	50	50	50	50	50	30	30	30	30	30	30	30	49	50	50	50	50	50	50	50	50	50
SYPS	HY01	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	16	16	16	16	16	25	25	25	25	25	25	25	25	25	25	17	17	17	0	0	0	0	25	25	17	17	0				

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																										
Total Hydro		251	263	266	234	155	165	170	177	166	164	185	229	227	235	214	248	250	313	310	574	713	927	1085	1283	1137	982	913	988	1143	1234	1311	1354	1192	1004	930	476	331	305	345	922	891	745	538	470	344	336	303	300		
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	0
PCUF	CUFG	33	32	29	28	28	28	28	27	28	28	29	28	29	26	29	28	28	28	27	29	27	28	29	28	27	28	28	27	27	27	27	28	27	29	28	28	28	27	29	28	28	27	29	28	27	28	28	28		
PCUF	CUFK	28	28	29	29	28	29	27	27	30	27	29	29	28	27	29	28	28	28	27	27	27	28	29	27	28	28	28	27	27	27	27	28	27	28	28	28	27	28	27	26	27	28	26	27	28	25	28	28	29	
Total Co-Gen		61	60	58	57	56	57	55	54	58	55	58	57	57	56	53	58	56	56	54	56	54	56	58	55	55	56	56	54	54	55	53	53	54	55	55	54	54	55	55	54	57	55	54	54	57	53	55	57		
Total Gen		13946	13481	13310	13044	12849	12627	12434	12295	12065	12045	12003	12151	12278	12411	12510	12454	13103	14265	14959	15575	15943	16201	16525	16695	16447	16282	16348	16548	16869	17033	17000	17091	17013	16990	16710	16186	15653	15403	15877	16567	16398	16298	16129	16038	15583	15490	15243	14878		
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	0	0
TIE-HVDC		-29	-30	-30	30	30	31	31	31	31	30	30	30	30	30	30	30	30	30	30	30	31	31	31	31	30	30	30	30	31	31	30	30	30	30	30	30	30	30	31	31	31	31	29	29	31	31	30	30		
TIE-PLTG		25	0	-18	-4	-9	-43	-7	-24	8	32	12	-24	-51	17	43	20	-6	-12	-72	-50	-15	-44	-45	-42	-43	-35	-33	-37	-6	-59	-36	-31	-86	-83	-37	-42	24	-43	-61	-35	-47	-39	-27	-7	-23	-33	-24	-9		
Interconnection		-3	-30	-47	26	21	-12	24	7	38	62	43	6	-21	47	73	50	25	18	-43	-20	15	-14	-14	-11	-12	-5	-3	-6	24	-28	-5	0	-56	-53	-7	-13	55	-13	-30	-4	-16	-9	2	22	8	-2	7	21		
System Total		13949	13511	13357	13018	12828	12639	12410	12288	12027	11983	11960	12145	12299	12364	12437	12408	13085	14259	15024	15636	15989	16277	16613	16764	16530	16343	16408	16602	16905	17118	17068	17135	17134	17085	16756	16226	15612	15421	15907	16571	16414	16307	16127	16016	15575	15492	15236	14857		
SRev ST-Coal		176	397	477	404	407	413	417	517	377	356	476	471	477	484	488	478	479	453	161	154	126	148	142	150	161	147	160	152	149	149	148	136	155	153	103	100	120	99	102	147	133	143	141	130	60	73	119	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	-1	94	4	4	3	108	118	189	81	0	0	0	0	0	0	0	0	0	0	0	0	0	
SRev CCGT-Gas		592	425	517	439	554	784	976	951	1245	1425	1271	1081	1380	1343	1271	1253	922	440	417	459	216	295	218	235	326	351	203	194	171	189	328	399	299	127	272	164	504	750	313	194	349	291	254	288	595	597	767	880		
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	0
SRev 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	0
SRev Co-Gen		2	3	5	6	7	6	8	9	5	8	5	6	6	7	10	5	7	7	9	7	9	7	5	8	8	7	7	9	9	8	10	10	9	8	8	9	9	8	8	9	6	8	9	9	6	10	8	6		
Syncon		589	589	589	589	828	1200	1200	1200	1200	1200	1200	1200	1049	1200	1200	1200	1200	1200	1099	928	777	464	151	277	550	737	590	147	277	151	151	277	777	862	862	963	1200	1049	403	403	590	777	862	1049	1049	1200	1200			
Hydro		416	404	401	283	123	120	122	115	126	128	134	117	119	262	132	148	146	133	136	261	342	450	605	720	760	510	354	446	734	513	764	749	831	435	424	408	352	161	272	541	572	531	451	375	264	252	134	137		
S.Reserve Total		1775	1818	1989	1721	1919	2523	2723	2792	2953	3117	3086	2875	3182	3145	3101	3084	2754	2233	1923	1980	1621	1677	1434	1264	1532	1565	1461	1390	1304	1140	1405	1447	1679	1618	1858	1624	1948	2218	1744	1294	1463	1563	1632	1664	1974	1981	2228	2377		