

Availability at Daily Maximum Demand Hour

ST-Coal	0 MW
ST-Gas	0 MW
ST-Oil	0 MW
Hydro	2,211 MW
Distillate	0 MW
Total TNB	2,211 MW
Total IPP	16,363 MW
Total Co-Gen	0 MW
Total System	21,271 MW

Generation Mix

Type	MWh	Percentage
Hydro	21,085	5.91 %
Gas	35,538	9.95 %
Total TNB	56,623	15.86 %
ST-Coal	239,203	67.00 %
LSS	2,661	0.75 %
Gas	59,150	16.57 %
Total IPP	301,014	84.32 %
Co-Gen	214	0.06 %
Total Co-Gen	214	0.06 %
Total Generation	357,851	100.24 %
PLTG	128	0.04 %
HVDC	723	0.20 %
Interconnection	851	0.24 %
Net Energy	357,000	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:	16:30:00 Hour
Total Set On Bus	17,734 MW
TNB Generation	3,503 MW
IPP Generation	13,283 MW
Spinning Reserve	921 MW
Maximum Demand	16,759 MW
Net Energy	357,000 MWH
Load Factor	88.76 %

Fuel Cost

Total Cost:	44,020,673.59 RM
Cost per Unit	12.29 cents/kWH

Average Spinning Reserve During Peak Hour

Type	MW
GT	291
Hydro	449
Syncon	276
Thermal	273
Total	1,289

Time	Weather	Temperature
Afternoon	Hot	33
Morning	Sunny	26

Gas Usage

Station	(mmcsfd)
GLGR	49
SRDG	6
TJGS	201
Total TNB	256
CBPS	52
NPRI	78
PGLA	54
PLPS	90
SKSP	0
YPKA	45
Total IPP	319
Total Gas	575
Total Gas Required	575

Alternate Fuel Usage

Station	(mmcsfd)
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	14329	13713	13210	12875	12582	12453	12488	12568	13145	14907	15597	16190	16071	15911	16309	16694	16733	16443	15644	16020	16449	16098	15524	15229

Prepared By: -Select Name-

Checked By: -Select Name-

Printed on: Tuesday, December 1, 2020 9:50:33 AM

(Ir. Shanmugam Thoppalan)
Head
Grid System Operator

Daily MW Generation on Tuesday

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	501	501	503	502	502	503	500	501	502	502	502	502	502	501	502	501	502	501	502	501	502	503	503	502	502	501	502	501
JMAH	U002	502	503	504	504	504	503	503	503	503	504	503	503	507	503	505	500	504	503	504	502	506	503	504	506	504	503	503	504
JMHE	U001	897	899	902	851	850	849	781	779	778	780	779	782	781	780	780	775	782	948	983	982	979	979	981	980	978	982	977	979
JMHE	U002	897	900	900	850	852	851	780	780	780	780	779	782	780	780	780	774	782	973	978	978	1008	1005	1011	1011	1007	1008	1011	1009
JMJG	U002	670	673	673	671	671	674	675	669	671	672	677	660	674	673	671	673	672	673	677	669	669	671	674	673	667	677	674	667
JMJG	U003	662	664	667	663	664	660	664	662	662	665	665	662	662	665	670	662	667	661	666	663	662	666	668	661	658	666	666	662
JMJG	U004	903	846	790	730	705	706	705	704	706	707	705	704	706	707	705	705	705	771	854	900	930	928	928	929	931	930	931	929
JMJG	U005	794	797	798	777	708	704	706	705	705	706	704	710	709	704	705	702	705	776	794	812	795	796	799	793	796	798	796	801
PKLG	U003	281	281	282	281	279	282	281	279	279	279	280	192	145	153	253	276	278	278	280	277	278	279	278	272	275	277	277	279
PKLG	U005	466	465	466	467	465	466	470	469	467	467	466	397	306	294	387	462	469	466	468	466	468	467	467	466	467	466	466	466
PKLG	U006	447	448	449	447	448	448	450	448	447	450	451	446	449	450	448	447	448	448	449	445	449	450	448	449	449	449	449	449
TBIN	U001	690	689	691	689	690	691	690	690	691	690	690	689	690	690	690	690	689	690	689	690	689	689	688	691	689	688	689	687
TBIN	U002	691	689	689	691	693	693	693	691	691	691	693	693	691	693	693	693	691	692	690	693	693	693	685	691	692	692	691	693
TBIN	U003	693	688	692	693	691	691	694	693	693	690	694	692	690	687	691	692	693	691	693	692	690	689	693	691	690	692	690	691
TBIN	U004	945	902	903	862	782	782	783	781	782	783	782	783	781	782	783	782	782	853	940	981	982	982	982	981	980	982	982	982
Total ST-Coal		10039	9945	9909	9680	9503	9503	9373	9356	9358	9363	9369	9201	9066	9060	9260	9344	9368	9922	10168	10262	10292	10302	10308	10302	10293	10315	10303	10295
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	359	357	358	363	363	363	362	362	222	222	210	219	225	228	220	223	258	309	353	362	363	366	363	363	362	366	363	366
GLGR	GT01	69	67	69	68	66	68	68	68	68	67	67	69	69	69	67	67	68	69	68	67	97	100	99	101	100	88	67	67
GLGR	GT02	68	68	68	68	68	68	68	68	68	68	68	68	68	68	68	68	68	68	68	68	99	100	100	100	100	87	67	68
GLGR	ST1C	72	72	72	72	72	72	72	72	72	72	72	72	72	72	72	72	72	86	91	91	91	91	91	91	91	85	73	
NPRI	BLK1	517	508	516	512	517	515	515	511	516	507	499	515	515	520	509	509	521	518	516	515	512	516	516	513	513	514	514	515
PCGP	PGRG	601	590	603	603	604	603	602	592	602	592	577	601	603	606	595	594	606	603	602	602	595	602	602	603	603	601	606	601
PGLA	GT11	114	0	0	0	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	169	162	162	162	163	162	160	161	159	154	162	162	163	166	166	164	223	223	225	224	224	226	224	225	224	222	221	220
PGLA	ST10	93	93	93	93	93	93	93	92	92	91	91	92	92	92	92	93	113	114	114	114	114	113	114	114	113	113	113	113
PLPS	GT11	128	111	115	115	65	65	63	66	61	58	66	67	67	68	66	71	132	140	139	133	143	140	116	130	141	117	143	116
PLPS	GT12	131	116	0	0	0	0	0	0	0	0	0	0	0	0	0	68	151	136	147	144	144	121	133	146	120	146	129	
PLPS	GT13	124	108	112	112	112	64	63	60	64	60	58	65	66	65	66	66	69	133	137	136	130	139	135	135	113	126	137	112
PLPS	ST18	199	198	134	134	133	92	90	89	89	90	82	88	92	93	89	91	92	143	144	213	210	214	211	212	200	207	214	200
SKSP	BLK1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SPGP	BLK1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TJGS	GT1A	228	225	232	219	211	175	186	148	150	150	137	151	224	231	143	158	238	212	201	219	204	232	227	225	225	232	223	218
TJGS	GT1B	214	216	220	210	202	164	174	132	134	135	125	138	213	211	136	150	220	198	183	209	189	211	217	216	211	215	214	215
TJGS	ST1C	244	244	252	238	233	214	215	182	182	182	175	179	217	240	201	186	244	209	221	210	216	239	238	241	237	230	248	238
TJGS	GT2A	147	147	128	128	128	128	128	128	128	128	128	128	129	129	126	127	216	215	214	214	214	214	214	214	215	215	214	214
TJGS	GT2B	146	145	125	125	125	125	125	125	125	125	125	125	125	125	125	125	123	123	211	211	213	213	213	213	211	211	211	211
TJGS	ST2C	210	210	199	199	199	199	199	199	199	199	199	199	199	199	199	199	255	255	255	255	255	255	255	255	257	257	257	257
YPKA	GT11	68	68	68	68	68	68	68	68	68	68	68	68	68	68	68	68	129	129	129	129	129	125	125	125	125	125	125	125
YPKA	GT12	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	15	40	133	125	125	125	125	125	125	125	125	125
YPKA	ST10	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	54	54	54	117	121	121	121	121	121	121	121	121
Total CCGT-Gas		3936	3740	3561	3524	3507	3273	3290	3155	3041	3012	2928	3039	3240	3281	3048	3059	3336	3867	3989	4207	4369	4491	4475	4474	4383	4405	4405	4292
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
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
BSIA	HY01	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
BSIA	HY02	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	0	0	0

Daily MW Generation on Tuesday

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																					
BSIA	HY03	12	12	12	12	12	12	12	12	12	11	12	12	12	22	22	22	22	22	23	23	23	22	23	22	23	22	23	23	23	23	24	24	24	24	24	24	24	24	24	24					
CEND	HY01	9	9	9	9	9	9	9	9	9	9	9	9	9	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	HY02	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	10	9	9	10	10	10	10	10	9	10	10	10	10	10	10	9	10	9	10	10	10						
CEND	HY03	10	9	9	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	HY04	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	8	8	8	8	8	8	8	8	8	8							
HTRG	HY01	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	63	64	64	64	-1	-1	65	125	124	124	125	125	125	125	125	125	124	125	125	124	125	125	125				
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	64	122	123	122	122	122	122	123	123	122	122	122	123	122	122	122	122	122	122			
KNRG	HY01	22	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	36	36	36	36	36	36	36	36	36	36	36	36	36	36	36	36	36	36	36	36	36	36	36	36					
KNRG	HY02	22	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	37	37	37	37	37	37	37	37	37	37	37	37	37	37	37	37	37	37	37	37	37	37	37	37					
KNRG	HY03	22	21	22	22	22	22	22	22	22	22	23	23	22	22	23	22	36	36	36	36	36	36	36	36	36	36	36	36	36	36	36	36	36	36	36	36	36	36	36	36					
KNYR	HY01	57	57	-1	-1	-1	-1	-1	-1	-1	-1	-1	61	58	59	60	59	56	-1	-1	95	95	95	95	60	61	95	95	94	94	94	94	94	94	94	94	94	94	94	94	94	94				
KNYR	HY03	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	95	95	95	95	55	55	99	99	99	99	98	98	98	98	98	98	98	98	98	98	98	98	98	98	98				
KNYR	HY04	77	59	73	61	63	61	60	60	58	58	55	55	60	89	59	60	98	66	57	87	59	62	60	61	61	62	64	62	63	61	67	81	75	98	98	98	98	98	98	98	98				
LPIA	HY01	23	22	23	22	22	22	23	22	22	23	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					
LPIA	HY02	23	23	23	23	23	23	23	23	23	23	23	23	23	20	20	20	20	20	21	22	22	22	22	23	24	24	23	23	23	23	23	22	22	20	20	21	22	22	22	22	22				
MNOR	HY01	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	4	4	4	4	4	2	2	4	4	4	4	3	3	4	4	4	4	4	4	4	4	1	1	0	0	
PGAU	HY01	-1	-1	-1	-1	19	-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	81	81	81	-1	-1	-1	-1	-1	-1	-1				
PGAU	HY02	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	21	21	21	21	21	21	21	21	82	82	22	22	21	21	21	112	112	112	112	112	112	112	112	21	21	
PGAU	HY03	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	21	-1	-1	-1	-1	-1	-1	0	0	0	0	0	0	0	0	22	22	82	22	22	22	22	-1	-1	-1	-1	82	82	21	21	-1	-1	-1	-1	
PGAU	HY04	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	21	21	21	0	0	0	0	21	21	21	22	21	22	0	0	0	21	21	21	21	21	21	21	0	0	
SIHY	HY01	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	30	30	30	30	0	0	31	31	31	31	31	31	31	49	49	31	31	0	0	50	50	49	49	0	0		
SIHY	HY02	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	30	30	30	30	0	0	30	30	30	30	30	30	30	50	50	50	50	50	50	50	50	50	50	0	0		
SIHY	HY03	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	18	30	30	30	30	30	30	30	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	30	30		
SYPS	HY01	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	17	17	17	0	0	0	16	16	16	16	16	16	16	25	25	25	25	0	25	25	25	17	17	17	0	
SYPS	HY02	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	17	17	17	0	0	0	16	16	16	16	16	16	16	25	25	25	25	17	17	25	25	25	25	0	0		
SYPS	HY03	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	8	17	17	17	0	0	0	16	16	16	16	16	16	23	23	23	23	17	17	23	23	23	23	0	0		
TMGR	HY01	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	64	64	82	83	83	82	82	44	74	74	82	83	82	82	82	82	82	82	82	82	82	82	82	82	82	82	78	79	
TMGR	HY02	34	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	34	86	86	86	86	86	45	77	77	86	86	86	86	86	86	86	86	86	86	86	86	86	86	86	86	86	86	86	
TMGR	HY03	0	31	32	32	32	32	31	32	31	28	32	32	85	84	84	85	32	62	62	82	82	82	82	43	72	72	82	82	82	82	82	60	60	81	80	80	80	80	80	80	80	76	77		
TMGR	HY04	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	61	61	83	83	83	83	79	43	73	73	79	79	79	79	79	79	79	79	79	79	79	79	79	79	79	79	79	79	
UJLI	HY02	-1	0	0	0	0	0	0	0	-1	0	0	0	0	0	0	0	0	0	0	0	-1	-1	-1	-1	0	94	94	149	151	151	151	151	149	-1	-1	-1	162	186	186	145	-1	-1			
UPIA	HY01	5	6	6	6	6	6	6	6	6	6	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	5	5			
UPIA	HY02	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 Hydro		354	265	224	212	234	212	210	208	209	200	227	211	356	321	318	359	328	558	566	742	846	1099	1099	1045	815	818	1040	1284	1597	1545	1495	1573	1718	1599	1321	1281	1182	1408	1845	1846	1652	1423	1226		
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		
BDLS	LSS1	0	0	0	0	0	0	0	0	0	0	0	0	0	1	5	9	7	16	20	12	16	27	15	8	18	23	29	19	11	12	13	18	12	7	3	1	0	0	0	0	0	0	0	0	0
BSLS	LSS1	0	0	0	0	0	0	0	0	0	0	0	0	0	5	9	15	20	23	27	28	30	30	30	30	30	27	30	29	25	22	18	4	3	2	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	3	5	21	29	18	16	13	22	31	16	30	26	31	31	36	26	20	20	15	12	5	2	0	0	0	0	0	0	0	0	0
GBLS	LSS1	0	0	0	0	0	0	0	0	0	0	0	0	0	2	8	11	16	17	17	44	39	50	48	36	29	42	42	20	14	34	15	12	7	4	1	0	0	0	0	0	0	0	0	0	0
GELS	LSS1	0	0	0	0	0	0	0	0	0	0	0	0	1	1	3	4	7	6	7	17	16	14	18	27	19	15	12	19	13	11	8	7	4	2	0	0	0	0	0	0	0	0	0	0	
GNLS	LSS1	0	0	0	0	0	0	0	0	0	0	0	0	1	6	13	19	26	29	35	41	39	42	42	36	32	34	38	31	27	25	22	7	3	2	0	0	0	0	0	0	0				

Daily MW Generation on Tuesday

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	15	60	104	159	210	226	293	325	377	380	371	367	372	355	333	322	314	261	192	143	82	50	16	0	0	0	0	0	0	0	0	0	0	0		
PCUF	CUFG	5	5	6	6	4	7	4	6	6	7	5	6	6	5	4	5	7	5	5	5	7	6	7	4	6	6	5	5	4	5	6	4	5	6	5	5	4	6	6	6	5	6	6	4	7	5			
PCUF	CUFK	2	2	3	4	3	4	4	3	4	3	4	4	3	2	2	1	2	5	3	3	3	3	4	2	3	3	4	3	4	9	8	7	8	3	1	4	4	3	5	4	3	4	2	2	2	4	3		
Total Co-Gen		7	7	9	10	7	11	8	9	10	10	9	10	9	8	7	5	7	12	8	8	8	10	9	11	6	9	9	9	8	8	14	13	13	12	8	7	9	9	7	11	10	9	9	8	8	6	11	8	
Total Gen		14336	13957	13703	13426	13251	12999	12883	12730	12617	12594	12506	12477	12526	12705	12636	12741	13130	14233	14882	15253	15637	15942	16216	16263	16107	15915	15902	16008	16338	16583	16661	16705	16741	16798	16468	16045	15659	15330	16075	16598	16469	16325	16099	15918	15586	15467	15206	14891	
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				
TIE-HVDC		31	31	30	30	30	30	30	29	29	30	30	30	30	30	30	30	31	31	30	30	30	31	31	30	30	30	30	30	30	29	29	30	30	30	30	30	31	31	29	29	30	30	30	30	30				
TIE-PLTG		-12	-11	-30	-12	22	12	-10	44	16	61	33	8	19	8	50	18	-35	-19	-46	-19	21	-30	7	-5	18	-4	-27	-6	11	-2	-51	1	-10	21	6	38	-3	53	36	-2	1	36	-16	25	43	37	-42	3	
Interconnection		19	20	1	18	52	42	19	74	46	90	64	38	49	37	80	49	-5	11	-15	12	51	0	37	25	48	27	3	25	41	28	-21	31	19	50	36	68	27	83	67	30	32	67	13	54	73	68	-12	33	
System Total		14329	13949	13713	13419	13210	12968	12875	12667	12582	12515	12453	12450	12488	12679	12568	12704	13145	14232	14907	15251	15597	15953	16190	16249	16071	15900	15911	15995	16309	16567	16694	16686	16733	16759	16443	15988	15644	15259	16020	16580	16449	16270	16098	15875	15524	15410	15229	14869	
SRev ST-Coal		525	620	612	742	802	799	928	943	944	941	928	1014	1017	1014	1004	955	932	546	412	323	303	296	264	276	284	265	272	284	270	256	243	279	271	274	271	285	264	228	252	243	248	222	209	228	270	263	345	257	
SRev CCGT-Gas		915	751	787	824	841	1075	1058	1193	1307	1336	1420	1309	1108	1067	1300	1289	1012	481	632	414	317	195	177	178	269	247	247	360	252	312	158	141	137	154	314	365	591	736	174	104	351	330	301	304	536	733	660	715	
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		
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 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	
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	
Syncon		1016	829	930	930	779	930	930	930	1117	930	930	779	930	829	829	829	829	728	655	756	605	454	288	288	288	288	288	403	403	151	151	151	151	0	0	0	489	489	489	302	0	0	0	338	489	489	489	489	489
Hydro		218	180	121	133	262	133	133	135	136	136	145	269	134	90	124	137	98	230	206	184	183	430	503	503	481	461	333	622	630	467	519	569	643	498	617	256	295	269	380	370	369	563	454	351	368	237	193	192	
S.Reserve Total		2674	2380	2450	2629	2684	2937	3049	3201	3504	3343	3423	3371	3189	3000	3257	3210	2871	1985	1905	1677	1408	1375	1232	1245	1322	1261	1255	1669	1303	1186	1071	1140	1051	926	1202	1395	1639	1722	1108	717	968	1115	1336	1406	1663	1722	1687	1653	