

Daily System Generation Summary on Saturday

Saturday, February 5, 2022

Availability at Daily Maximum Demand Hour

ST-Coal	0 MW
ST-Gas	0 MW
ST-Oil	0 MW
Hydro	2,475 MW
Distillate	0 MW
Total TNB	2,475 MW
Total IPP	14,822 MW
Total Co-Gen	0 MW
Total System	20,730 MW

Generation Mix

Type	MWh	Percentage
Hydro	13,897	4.17 %
Gas	44,983	13.49 %
Total TNB	58,880	17.65 %
ST-Coal	164,291	49.26 %
LSS	3,559	1.07 %
Gas	103,946	31.17 %
Total IPP	271,796	81.49 %
Co-Gen	1,231	0.37 %
Total Co-Gen	1,231	0.37 %
Total Generation	331,907	99.51 %
PLTG	-923	-0.28 %
HVDC	-701	-0.21 %
Interconnection	-1,624	-0.49 %
Net Energy	333,531	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:	20:00:00 Hour
Total Set On Bus	16,870 MW
TNB Generation	3,613 MW
IPP Generation	11,777 MW
Spinning Reserve	1,429 MW
Maximum Demand	15,440 MW
Net Energy	333,531 MWH
Load Factor	90.01 %

Fuel Cost

Total Cost:	78,630,977.95 RM
Cost per Unit	23.74 cents/kWH

Average Spinning Reserve During Peak Hour

Type	MW
GT	1,076
Hydro	219
Syncon	687
Thermal	288
Total	2,270

Time	Weather	Temperature
Afternoon	Cloudy	34
Morning	Cloudy	27

Gas Usage

Station	(mmscfd)
GLGR	46
TJGS	160
Total TNB	206
CBPS	46
EMPP	258
NPRI	153
PCGP	87
PGLA	97
PLPS	39
SKSP	2
SPGP	105
Total IPP	788
Total Gas	994
Total Gas Required	994

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	14553	13994	13530	13053	12687	12442	12416	12274	12149	13038	13784	14159	14062	13964	14348	14571	14594	14452	14184	14350	15440	15378	14911	14720

Prepared By: -Select Name-

Checked By: -Select Name-

Printed on: Wednesday, March 2, 2022 3:22:33 PM
(Ir. Shanmugam Thoppalan)
Head
Grid System Operator

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	694	694	695	694	695	696	695	602	605	604	552	552	553	553	502	503	502	501	500	497	546	690	692	692	693	692	691	692	691	692	692	692	691	689	694	689	692	690	689	693	690	688									
JMHE	U001	949	879	881	881	877	798	768	750	749	748	749	752	748	747	742	749	749	751	752	748	750	921	918	921	920	917	922	953	950	949	949	951	950	950	950	951	952	953	951	948	950	951	947	952	947	948	946				
JMHE	U002	948	883	879	881	881	799	756	751	748	750	749	752	750	748	750	748	749	751	754	750	748	921	920	923	918	920	920	957	949	948	951	949	948	951	950	957	952	954	948	950	949	950	950	947	951	949	949	948			
JMJG	U002	668	664	669	671	667	668	669	663	668	664	634	641	636	636	636	636	636	636	636	638	637	640	636	636	640	640	634	634	643	634	662	669	668	666	673	668	669	674	664	666	669	668	669	662	671	666	668	668			
JMJG	U005	943	876	883	881	862	797	747	747	747	749	750	750	747	747	747	747	747	747	747	752	748	852	920	920	918	914	949	950	866	750	747	751	749	748	749	744	749	748	749	858	952	945	950	944	945	943	944				
PKLG	U003	254	254	255	254	255	255	255	252	254	253	255	256	256	255	256	255	256	254	256	254	255	255	255	257	255	251	254	254	252	255	255	258	256	253	255	253	253	254	255	255	256	251	254	253	257	255	253	254			
PKLG	U004	275	272	276	273	274	274	272	273	273	270	272	270	276	274	275	277	275	273	275	279	278	274	273	274	271	276	273	274	273	276	273	277	277	276	273	275	275	277	281	278	276	277	276	274	275	276	274				
PKLG	U006	449	449	439	437	449	449	450	447	449	447	447	446	448	449	434	447	449	450	450	449	449	449	449	447	449	449	449	449	447	449	448	446	447	447	446	441	449	447	447	445	449	449	448	447	448	449	449				
TBIN	U001	690	693	688	692	690	689	689	692	649	601	600	600	601	601	549	549	549	550	551	645	689	451	689	689	690	689	689	689	690	689	690	687	691	692	690	689	690	690	689	689	689	690	689	687	691	689	689				
TBIN	U002	693	690	691	692	693	693	692	690	661	598	604	606	607	603	555	553	553	555	553	627	690	689	691	690	689	690	690	692	691	689	692	691	694	685	690	694	690	687	694	694	690	693	693	688	696	689	667	689			
TBIN	U003	691	689	692	690	690	692	689	690	650	605	604	604	605	605	557	552	551	552	552	621	690	688	690	693	692	689	690	691	691	691	692	691	694	689	692	692	690	692	691	689	691	690	694	692	690	692	691	690			
Total ST-Coal		7254	7043	7048	7046	7033	6810	6682	6557	6453	6289	6216	6229	6227	6218	6003	6016	6016	6020	6026	6260	6480	7071	7133	7144	7133	7125	7162	7235	7143	7023	7049	7067	7065	7046	7064	7060	7053	7069	7057	7057	7169	7258	7264	7242	7258	7250	7223	7239			
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			
CBPS	BLK2	232	222	217	215	218	225	220	224	218	221	223	222	215	223	223	223	225	215	298	362	355	359	362	362	358	360	352	361	361	357	357	352	362	362	217	223	217	216	267	346	346	351	302	359	365	365	360				
EMPP	BLK1	700	712	704	707	701	711	708	710	704	709	710	712	704	708	710	709	708	712	709	701	600	586	594	597	589	497	494	490	490	498	500	498	498	497	494	490	498	500	497	499	595	715	725	710	714	720	718	721	724	722	718
EMPP	BLK2	699	708	705	707	701	712	709	710	704	710	711	704	709	710	709	708	710	709	701	600	586	494	500	492	491	500	499	500	500	498	498	495	492	500	500	499	500	595	595	725	710	714	721	717	719	724	723	719			
EMPP	BLK3	769	768	770	767	767	374	374	375	374	373	330	330	330	331	330	330	375	474	770	766	600	501	500	500	501	500	400	399	400	399	400	499	500	502	500	500	499	500	500	500	500	500	374	374	0	0	0	0			
GLGR	GT01	69	69	67	67	67	68	68	68	68	70	68	68	68	69	71	68	68	68	69	68	69	68	68	68	67	69	68	67	67	66	69	67	68	68	68	69	69	67	69	69	68	69	68	68	68	68					
GLGR	GT02	69	68	68	68	68	68	68	68	68	68	69	68	69	68	68	69	68	68	68	68	68	68	68	68	68	68	68	67	67	68	68	68	67	67	68	68	68	68	68	68	68	69	69	68	68	68	68				
GLGR	ST1C	70	71	71	71	71	71	70	71	70	71	71	71	71	71	71	71	71	71	71	71	71	72	71	72	71	71	72	72	71	72	72	71	71	71	71	71	71	71	71	71	71	71	71	71	71	71	71				
NPRI	BLK1	519	530	522	488	322	394	325	329	320	330	325	328	321	329	329	329	326	327	515	527	512	532	504	520	518	514	517	523	519	499	509	506	518	445	523	526	523	526	521	465	523	511	517	525	521	524	530	527	520		
NPRI	BLK2	508	520	512	512	506	515	515	518	510	520	514	516	512	470	469	440	328	404	395	508	522	505	511	518	510	517	518	515	515	518	513	512	507	518	518	515	520	511	510	526	506	511	519	515	518	524	523	515			
PCGP	PGRG	587	602	592	497	435	598	596	602	590	603	596	598	593	601	603	598	597	599	594	586	605	585	592	604	591	588	602	597	595	599	595	593	588	602	600	596	602	593	589	611	586	592	603	596	601	610	608	601			
PGLA	GT11	166	169	166	167	164	167	169	169	167	171	168	168	166	169	170	168	169	169	168	165	169	163	166	169	165	166	169	168	168	225	221	222	202	173	168	167	169	167	166	172	165	167	170	168	170	171	171	168			
PGLA	GT12	168	174	171	170	169	172	172	174	170	174	172	172	170	172	174	172	173	171	168	173	166	169	173	169	169	172	171	171	228	225	221	207	177	171	172	174	170	176	168	170	174	172	174	175	174	173					
PGLA	ST10	201	203	202	203	200	203	201	203	201	203	201	201	202	202	202	202	202	200	201	204	200	202	203	202	201	205	201	204	241	247	243	238	205	206	202	204	201	201	204	201	201	202	204	202	204	204	203				
PLPS	GT11	144	144	144	143	144	144	144	129	129	129	129	128	129	129	128	129	129	129	129	129	129	129	128	129	129	129	128	129	129	129	124	127	127	94	0	0	0	0	0	0	0	0	0	0	0	0	0				
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	0	62	108	140	139	141	141	143	144	144	144	126	124	125	125	124			
PLPS	ST18	58	59	58	59	58	58	58	55	57	57	58	57	58	58	58	58	57	57	58	58	58	58	58	57	58	58	58	58	57	57	57	59	121	142	62	60	60	60	60	60	60	60	56	59	59	58	59				
SKSP	BLK1	220	151	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	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	705	720																																																	

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							
HTRG	HY01	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	64	63	63	63	63	62	62	125	125	125	62	-1	-1	-1
HTRG	HY02	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	125	124	125	125	124	125	122	123	124	123	125	0	0	0
HTRG	HY03	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	7	7	7	7	7	7	7	7	7	7	7	7	7	7	
KNRG	HY01	34	34	34	34	33	34	34	0	0	0	0	0	0	0	0	0	0	33	34	34	34	34	34	34	33	33	33	33	33	33	
KNRG	HY02	36	36	36	36	36	36	21	21	20	20	20	21	21	20	20	21	21	20	20	20	21	22	22	36	35	35	35	35	35	35	
KNRG	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	35	35	35	35	35	35	
KNYR	HY01	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	96	96	95	96	96	95	95	95	95	96	60	-1
KNYR	HY02	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	101	100	99	99	97	97	98	98	98	98	98	98	97	96	61	59
KNYR	HY03	57	96	88	65	63	66	66	85	64	74	67	67	66	74	80	64	64	66	63	63	99	62	67	93	64	62	82	70	66	65	67
KNYR	HY04	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	99	98	98	98	97	98	98	98	98	98	98	98	98	98	98
LPIA	HY01	18	18	18	18	18	18	18	18	18	18	18	18	18	18	18	18	17	17	17	17	17	17	18	19	19	19	19	19	19	19	19
LPIA	HY02	18	18	18	18	18	18	18	18	18	18	18	18	18	18	20	20	20	20	18	17	15	15	15	15	15	15	17	20	23	23	23
MNOR	HY01	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	2	2	2	4	4
PGAU	HY01	-1	-1	-1	-1	-1	-1	-1	-1	19	-1	-1	-1	-1	-1	19	-1	-1	-1	-1	19	-1	-1	-1	-1	-1	-1	-1	-1	-1	-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
SIHY	HY01	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
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
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
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
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
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
TMGR	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
TMGR	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
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
TMGR	HY04	40	83	43	40	40	45	42	69	41	51	42	41	42	51	59	42	42	41	41	39	84	39	52	70	39	41	63	47	42	41	41
UJLI	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
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
UPIA	HY01	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	6	7	7	6	7	6	6	7	6	7	5	5
UPIA	HY02	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	6	7	6	7	6	7	6	7	5	5	5	5
Total Hydro		350	372	324	298	295	305	301	265	215	255	218	217	217	236	248	215	213	216	234	212	396	308	283	325	265	205	249	240	314	411	407
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
BDLS	LSS1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	3	7	12	18	17	21	26	21	17	18	13	24	21	22	7	8
BKLS	LSS1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4	9	13	14	24	10	28	21	32	16	9	13	21	18	27	3	5
BSLS	LSS1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	8	11	17	23	28	34	30	32	30	18	30	22	7	5	16	31
CHLS	LSS1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	2	3	4	8	9	13	12	15	28	37	19	21	28	12	27	24
GELS	LSS1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	2	3	8	13	8	8	13	27	10	25	30	25	29	25	22	12
GNLS	LSS1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	11	21	29	30	34	43	41	48	44	21	29	30	24	21	9	11
JELS	LSS1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	5	11	14	17	19	13	14	15	12	14	30	18	4	5	6	14
JSLs	LSS1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	3	11	15	34	2	41	27	11	17	20	35	14	15	23	40	29
KDLS	LSS1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3	9	22	29	49	57	71	84	82	89	94	93	49	59	39	25	53
KKLS	LSS1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3	11	19	27	32	38	41	42	38	49	45	40	29	29	23	11	18
KMLS	LSS1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	5	10	12	15	19	22	26	27	29	27	13	9	17	15	7	22
KRLS	LSS1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	8	11	17	17	26	30	24	21	19	26	20	30	23	30	30	24
MCLS	LSS1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3	5	12	9	16	33	23	22	29	23	48	25	48	45	42	21	26
SPLS	LSS1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	9	17	25	29	29	28	23	25	49	16	32	35	30	42	13	27
SSLs	LSS1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3	8	7	8	12	25	36	17	24	47	22	19	20	15	25	31	38
STLS	LSS1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	5	9	14	5	21	13	13	15	13	16	13	14	16	17	9	12

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		
TBLS	LSS1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	5	6	10	18	28	28	30	24	28	28	22	19	20	30	30	21	6	9	6	5	1	0	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	37	117	197	287	359	425	481	455	502	539	500	425	441	394	414	308	369	387	187	139	93	55	9	1	1	0	0	0	0	0	0	0	0
PCUF	CUFG	28	26	26	26	26	26	25	25	26	25	25	26	25	26	25	26	27	26	24	24	26	26	25	26	25	24	24	23	25	24	24	24	24	24	25	25	25	27	26	26	26	26	26	25	26	26	26		
PCUF	CUFK	26	25	25	25	25	26	26	27	25	25	25	25	24	26	25	24	26	26	26	24	26	30	29	29	29	30	29	29	27	26	24	26	24	24	25	25	26	26	25	25	26	27	25	27	25	25	25	25	
Total Co-Gen		54	51	51	51	51	52	51	52	51	50	50	51	50	50	51	51	49	52	53	52	48	50	56	55	54	55	53	53	50	51	48	50	48	48	50	50	51	53	51	51	52	53	51	53	50	51	51		
Total Gen		14531	14254	13953	13799	13524	13216	12992	12848	12625	12575	12398	12417	12367	12382	12186	12127	12086	12550	12931	13370	13622	13965	14033	14093	13892	13888	13990	14438	14463	14490	14563	14355	14412	14220	14107	14181	14304	15107	15441	15399	15304	15112	14811	14795	14620	14515			
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		
TIE-HVDC		-30	-29	-29	-29	-29	-28	-28	-29	-29	-29	-29	-29	-29	-30	-30	-29	-29	-30	-30	-30	-30	-29	-29	-29	-29	-29	-29	-29	-29	-29	-29	-29	-29	-30	-30	-29	-29	-28	-28	-28	-28	-30	-30	-30	-30	-30	-30		
TIE-PLTG		8	-52	-12	-9	23	-43	-33	-45	-33	-36	-14	-62	-20	-2	-59	-39	-33	-38	-78	-72	-132	-66	-96	-76	-20	-21	-47	-66	10	-33	-79	-76	-1	-52	-11	-35	-47	-37	-17	-48	28	-11	-45	18	-70	-67	-70	-34	
Interconnection		-22	-82	-41	-38	-6	-71	-61	-74	-62	-65	-44	-91	-49	-31	-88	-69	-63	-68	-107	-102	-162	-96	-126	-105	-49	-50	-76	-95	-19	-62	-108	-105	-31	-81	-40	-65	-77	-66	-46	-75	1	-39	-74	-10	-100	-97	-100	-64	
System Total		14553	14336	13994	13837	13530	13287	13053	12922	12687	12640	12442	12508	12416	12413	12274	12196	12149	12618	13038	13472	13784	14061	14159	14198	14062	13942	13964	14085	14348	14500	14571	14595	14594	14436	14452	14285	14184	14247	14350	15182	15440	15438	15378	15122	14911	14892	14720	14579	
SRev ST-Coal		220	367	368	371	361	358	363	437	541	617	645	641	638	640	651	639	637	642	636	619	456	353	341	330	341	349	312	239	231	226	200	157	159	178	160	164	171	155	167	167	55	116	210	232	216	224	251	235	
SRev CCGT-Gas		1164	1249	1157	1282	1540	1244	1334	1318	1386	1312	1334	1328	1375	1370	1363	1407	1522	1248	1267	1124	1179	1307	1338	1304	1359	1450	1395	1281	940	757	775	782	931	1360	1370	1587	1516	1367	1305	928	762	942	937	1040	665	623	636	675	
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 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	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	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	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	0
Syncon		941	941	941	941	941	941	941	941	941	790	941	941	941	941	941	941	941	941	790	941	840	840	840	840	840	941	941	790	840	840	840	840	840	714	714	613	613	613	462	613	338	151	151	151	151	464	464	565	565
Hydro		175	53	101	127	130	120	124	96	146	257	143	144	144	125	113	146	148	145	278	149	66	154	179	130	190	149	105	265	141	144	148	124	214	204	228	226	142	346	420	290	461	412	393	458	190	237	272	263	
S.Reserve Total		2500	2610	2567	2721	2972	2663	2762	2792	3014	2976	3063	3054	3098	3076	3068	3133	3248	2976	2971	2833	2541	2654	2698	2611	2737	2896	2760	2582	2159	1967	1963	1903	2018	2456	2371	2590	2442	2330	2505	1723	1429	1621	1691	1881	1535	1548	1724	1738	