

Daily System Generation Summary on Sunday

Sunday, October 29, 2023

Availability at Daily Maximum Demand Hour

ST-Coal	0 MW
ST-Gas	0 MW
ST-Oil	0 MW
Hydro	2,194 MW
Distillate	0 MW
Total TNB	2,194 MW
Total IPP	17,318 MW
Total Co-Gen	0 MW
Total System	23,388 MW

Generation Mix

Type	MWh	Percentage
Hydro	13,410	4.09 %
Gas	47,792	14.57 %
Total TNB	61,202	18.65 %
ST-Coal	181,678	55.37 %
LSS	6,376	1.94 %
Gas	77,891	23.74 %
Total IPP	265,945	81.05 %
Co-Gen	411	0.13 %
Total Co-Gen	411	0.13 %
Total Generation	327,558	99.83 %
PLTG	-102	-0.03 %
HVDC	-469	-0.14 %
Interconnection	-571	-0.17 %
Net Energy	328,129	100.00 %

Maximum Demand Record

Date: 5/11/2023	19,716 MW
Date: 5/11/2023	416,902 MWH

Set On Bus, TNB, IPP And MD

Daily Maximum Demand Hour at:	19:30:00 Hour
Total Set On Bus	17,052 MW
TNB Generation	3,021 MW
IPP Generation	12,533 MW
Spinning Reserve	1,469 MW
Maximum Demand	15,633 MW
Net Energy	328,129 MWH
Load Factor	87.46 %

Fuel Cost

Average Spinning Reserve During Peak Hour

Type	MW
GT	983
Hydro	294
Syncon	779
Thermal	487
Total	2,543

Time	Weather	Temperature
Afternoon	Hot	33
Morning	Sunny	28

Gas Usage

Station	(mmscfd)
GLGR	29
TJGS	86

Total TNB 115

CBPS	39
EMPP	258
NPRI	124
PCGP	84
SPGP	202

Total IPP 708

Total Gas 823

Total Gas Required 823

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	14686	13979	13400	12983	12592	12443	12517	12081	11624	12042	12659	13177	13300	13611	14034	14230	14470	14278	14080	15033	15584	15502	15077	14734

Prepared By: -Select Name-

Checked By: -Select Name-

Printed on: Monday, October 30, 2023 11:37:48 AM

(Ir. Shanmugam Thoppalan)
Head
Grid System Operator

Daily MW Generation on Sunday

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	695	697	697	698	697	697	696	697	695	694	698	698	695	696	695	696	696	695	697	695	698	697	694	697	697	696	699	696	696	697	697																	
JMAH	U002	695	694	697	698	695	697	696	695	694	696	696	696	695	696	696	696	696	696	696	697	696	698	697	688	695	694	697	695	696	693	694																	
JMHE	U002	974	899	897	833	803	800	800	797	799	800	798	801	800	801	796	800	798	800	802	803	801	802	797	798	800	801	833	849	848	847	898	899	901	899	899	900	896	899	970	974	976	977	980	975	979	979	976	982
JMJG	U001	672	671	671	684	666	661	668	668	670	672	672	676	677	678	667	660	667	676	669	672	666	663	672	667	671	664	673	661	661	662	668	661	674	660	666	664	666	662	664	672	660	662	677	663	662	664	673	667
JMJG	U002	643	656	629	639	643	625	655	654	634	645	602	659	640	630	656	623	637	645	629	640	653	640	634	631	640	635	650	639	636	649	634	641	645	634	635	645	634	634	640	638	641	637	643	634	645	640	635	646
JMJG	U003	665	666	675	667	662	633	653	596	595	596	596	604	596	601	598	593	597	601	607	594	593	597	667	669	670	664	672	671	669	671	668	667	668	671	670	673	670	671	668	668	676	667	668	672				
JMJG	U004	817	815	834	850	849	848	826	820	823	822	819	821	822	822	823	821	823	822	820	820	819	819	822	815	812	816	815	815	815	822	831	845	877	908	855	855	857	856	857	856	852	854	853	853	851	857	854	
JMJG	U005	980	898	896	846	800	796	810	801	803	798	798	800	797	803	799	799	801	798	804	805	800	804	800	800	800	804	810	848	849	852	906	898	905	900	902	902	901	901	954	980	977	977	977	978	977	978	981	982
PKLG	U003	232	164	148	150	151	150	149	149	151	150	152	150	150	152	151	151	150	150	150	151	150	151	150	150	151	150	150	152	150	151	151	152	151	151	151	151	150	149	151	150	151	149	151	150	151	153		
PKLG	U005	470	262	260	260	260	260	260	260	260	260	260	260	260	260	260	260	260	260	260	260	260	260	260	260	260	260	260	260	260	260	260	260	260	260	260	260	260	260	260	260	260	260	260	260	260	260		
TBIN	U001	601	600	496	501	501	503	404	403	400	399	298	299	300	300	301	298	300	303	300	301	301	298	298	303	299	301	301	299	302	369	452	451	452	449	451	550	599	600	601	601	600	600	600	595	524			
TBIN	U002	602	601	517	502	501	501	484	401	401	399	300	303	300	301	299	301	301	300	302	302	301	300	300	301	300	303	300	301	302	299	302	299	374	448	449	451	450	450	543	599	599	598	598	600	597	599	598	539
TBIN	U003	590	599	492	495	502	502	465	399	400	400	299	303	300	298	298	299	300	302	300	299	299	300	300	300	299	298	300	302	300	300	377	453	450	448	450	450	533	603	599	599	600	598	600	601	602	571		
Total ST-Coal		8636	8222	7909	7823	7730	7673	7566	7340	7325	7331	6988	7070	7032	7038	7038	6997	7026	7047	7036	7041	7037	7028	7020	7024	7021	7015	7152	7181	7187	7193	7300	7305	7561	7795	7831	7786	7775	7779	8182	8398	8374	8375	8399	8374	8391	8381	8386	8241
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		
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		
CBPS	BLK2	201	212	211	211	213	213	211	210	206	198	211	209	211	211	198	212	207	211	212	207	211	212	212	210	211	211	212	211	211	216	207	211	217	212	213	211	208	212	306	361	360	362	359	356	268	212	208	207
EMPP	BLK1	671	601	611	569	504	488	428	440	408	393	439	407	445	415	395	415	407	427	411	409	412	409	466	409	422	523	592	621	700	715	635	698	719	712	707	707	697	700	710	711	711	710	691	689	686	713	703	686
EMPP	BLK2	672	603	615	573	509	489	436	438	408	392	441	408	445	414	395	413	407	426	411	409	412	408	468	409	419	526	597	628	706	715	689	710	720	712	706	706	698	711	709	711	711	711	695	691	684	709	700	685
EMPP	BLK3	671	603	616	572	511	490	434	443	408	392	444	408	447	413	395	414	408	427	411	409	412	409	467	409	417	525	599	626	701	715	689	711	718	712	705	706	697	710	709	708	711	710	698	690	683	709	702	686
GLGR	GT02	94	95	95	95	94	94	94	94	94	94	94	94	94	95	95	94	94	95	95	95	95	95	94	94	94	95	94	95	94	94	94	94	95	94	95	94	94	95	95	94	94	95	95	95	95	95		
GLGR	ST1C	42	42	43	42	42	42	42	42	42	42	42	42	42	42	42	42	42	42	42	42	42	42	42	42	42	42	42	42	41	41	42	42	41	42	41	42	41	41	41	41	41	41	41	41	41	42		
NPRI	BLK1	314	328	329	329	328	329	329	326	323	311	329	325	328	329	311	327	323	330	329	322	328	328	329	325	328	329	328	329	327	334	508	510	518	514	484	393	389	346	516	513	511	513	508	506	503	397	392	321
NPRI	BLK2	316	331	331	331	330	331	332	329	324	314	331	327	331	331	312	331	325	331	331	325	329	329	330	327	331	330	329	330	340	349	470	513	525	529	395	343	384	430	457	530	526	529	516	509	440	330	326	325
PCGP	PGRG	575	601	601	602	602	602	603	598	587	567	602	595	601	601	567	401	395	403	400	392	401	403	419	595	601	600	601	601	602	614	591	603	615	606	603	598	588	603	609	601	600	602	594	586	581	603	593	586
SPGP	BLK1	702	719	720	719	719	718	718	719	714	700	720	715	722	720	702	603	494	501	499	495	602	719	721	714	714	712	713	704	719	694	703	698	707	720	718	716	710	720	721	718	717	720	714	711	706	719	716	712
SPGP	BLK2	700	716	719	716	717	716	714	718	712	698	718	713	720	718	700	601	493	501	501	494	600	710	713	706	707	707	706	701	711	688	694	688	697	707	708	707	704	710	711	713	706	714	707	700	698	714	706	702
TJGS	GT1A	131	135	136	137	138	138	133	139	134	127	134	135	135	128	136	135	136	137	139	138	133	133	137	140	134	138	136	138	139	135	134	133	134	137	134	133	138	135	211	212	211	209	205	133	134	134	138	
TJGS	ST1C	77	78	78	78	79	78	78	78	78	78	78	78	78	78	78	78	78	78	79	79	79	79	79	79	79	79	79	79	79	79	79	79	79	79	79	79	79	79	79	79	79	79	79	79	79	78		
TJGS	GT2A	163	162	164	163	163	162	163	162	163	161	162	163	163	163	163	163	163	163	163	163	163	163	163	163	163	163	163	163	163	163	163	163	163	163	163	163	163	163	163	163	163	163	163	163	163	163	163	
TJGS	ST2C	91	91	91	91	91	91	90	91	91	91	91	91	91	91	91	91	91	91	92	91	92	91	91	92	92	91	92	91	91	91	91	91	91	91	91	91	91	91	91	91	91	91	91	91	91	91	92	92
Total CCGT-Gas		5420	5317	5360	5228	5040	4981	4805	4827	4692	4556	4835	4710	4854	4756	4570	4320	4063	4160	4113	4071	4316	4530	4727	4711	4759																							

Daily MW Generation on Sunday

		0000		0100		0200		0300		0400		0500		0600		0700		0800		0900		1000		1100		1200		1300		1400		1500		1600		1700		1800		1900		2000		2100		2200		2300				
LPIA	HY01	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20					
LPIA	HY02	19	19	19	19	19	19	19	19	19	19	19	19	19	19	19	19	19	19	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20			
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	3	3			
PGAU	HY01	-1	-1	19	-1	-1	-1	-1	19	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	20	-1	-1	-1	-1	21	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	21	122	158	158	157	157	157	157	157	157	157	143	21	20			
PGAU	HY02	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	21	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			
PGAU	HY03	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	109	150	-1	5	159	67	8	0	18	0	18	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
SYPS	HY01	27	27	27	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	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	25	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			
SYPS	HY04	25	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			
TMGR	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	-1	-1			
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	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0			
TMGR	HY04	38	41	41	41	41	41	41	41	40	37	41	41	41	41	41	41	41	41	41	41	41	41	41	41	41	41	60	82	41	45	70	42	42	42	41	41	42	71	41	41	41	41	40	39	41	41	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	-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	-1	-1			
UPIA	HY02	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	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		587	636	655	560	560	559	557	569	522	516	559	524	559	560	450	270	270	270	272	430	450	450	446	531	596	445	444	576	520	486	428	449	477	440	434	456	553	589	715	884	896	908	872	786	782	771	646	641			
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		
BDLS	LSS1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	4	7	12	17	19	21	23	25	26	18	27	15	5	3	6	5	5	5	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	
BKLS	LSS2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3	9	14	19	20	24	28	30	24	31	21	7	5	5	4	0	2	2	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	
BSLS	LSS2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	5	10	16	20	24	27	29	35	36	35	14	14	25	35	25	20	0	0	0	0	0	0	0	0	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	0	0	4	6	15	20	25	30	26	39	16	21	23	11	18	7	31	26	34	28	27	7	8	3	1	1	0	0	0	0	0	0	0	0	0	0	0	0
GBLS	LSS1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3	10	17	23	28	26	33	28	19	32	15	35	21	12	23	4	14	18	6	4	3	1	0	0	0	0	0	0	0	0	0	0	0	0	0	
GELS	LSS2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3	5	10	14	18	21	24	27	26	12	30	29	29	28	27	25	23	20	16	10	2	0	0	0	0	0	0	0	0	0	0	0	0	0		
GNLS	LSS1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	7	14	21	27	33	39	44	43	30	18	12	24	27	45	44	48	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
JELS	LSS2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	4	9	15	19	23	19	26	31	23	18	19	27	31	21	3	5	1	2	1	2	1	0	0	0	0	0	0	0	0	0	0	0	0	0	
JSLS	LSS1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4	10	16	21	27	33	37	42	37	33	35	4	17	12	50	31	41	27	34	11	2	2	1	0	0	0	0	0	0	0	0	0	0	0	0	
KDLS	LSS3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	12	26	40	51	61	66	83	79	82	65	32	52	23	92	82	51	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
KKLS	LSS1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	8	15	21	27	31	36	40	43	45	46	31	15	20	44	32	7	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
KMLS	LSS2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	4	9	9	18	22	22	19	30	21	31	29	6	5	31	32	30	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
KNLS	LSS3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5	20	39	55	68	79	90	98	100	100	83	41	59	100	20	9	2	1	2	8	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
KRLS	LSS2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	5	10	15	19	23	27	27	30	30	21	20	30	30	8	2	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
MALS	LSS2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	3	5	5	22	29	29	29	30	29	29	8	10	4	3	4	2	2	2	1	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
MCLS	LSS1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	8	14	17	26	32	35	41	36	49	47	51	48	51	48	46	38	36	27	11	12	13	4	0	0	0	0	0	0	0	0	0	0	0	0	0	
MNLS	LSS3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	17	50	76	83	86	84	83	89	91	93	96	95	94	93	95	88	72	69	29	30	49	10	1	0	0	0	0	0	0	0	0	0	0	0	0	
PKLS	LSS3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	6	21	37	59	74	74	85	75	107	81	102	104	105	105	99	94	83	68	53	27	6	6	1	0	0	0	0	0	0	0	0	0	0	0	0	
SNLS	LSS4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	8	15	25	33	41	46	50	50	50	36	50	12	3	11	13	13	4	1	1	1	0	0	0	0	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	3	9	18	25	32	40	44	49	54	49	53	50	49	17	15	50	8	2																		

Daily MW Generation on Sunday

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 Gen		14656	14190	13942	13635	13345	13232	12946	12756	12559	12430	12409	12323	12469	12387	12076	11690	11602	11892	12002	12279	12624	12928	13177	13265	13312	13432	13632	13832	14020	14120	14201	14278	14445	14510	14327	14099	14080	14165	14989	15583	15554	15593	15484	15323	15047	14898	14705	14435	
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		-31	-31	-29	-28	-31	-30	-30	-29	-29	-29	-28	-28	-28	-30	-30	-29	-29	-29	-29	-29	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	-29	-31	-30	-28	-30	-30	-29	-28	-31	-31		
TIE-PLTG		1	-4	-8	-18	-25	0	-8	-3	-4	20	-5	3	-21	-13	23	-11	8	-6	-11	4	-6	-14	0	-13	12	-4	21	4	-14	-22	-29	-25	-25	58	49	-13	0	-23	-12	-20	-1	-2	12	-2	-2	-37	3	-18	
Interconnection		-30	-35	-37	-46	-55	-29	-37	-32	-33	-9	-34	-25	-48	-41	-5	-41	-22	-35	-40	-25	-35	-14	0	-13	12	-4	21	4	-14	-22	-29	-25	-25	58	49	-13	0	-52	-44	-50	-30	-33	-18	-32	-30	-65	-29	-48	
System Total		14686	14225	13979	13681	13400	13261	12983	12788	12592	12439	12443	12348	12517	12428	12081	11731	11624	11927	12042	12304	12659	12942	13177	13278	13300	13436	13611	13828	14034	14142	14230	14303	14470	14452	14278	14112	14080	14217	15033	15633	15584	15626	15502	15355	15077	14963	14734	14483	
SRev ST-Coal		337	529	523	490	512	566	532	571	588	576	618	553	575	512	502	547	523	502	518	516	510	523	523	522	523	536	528	551	551	546	534	530	495	586	542	592	597	597	419	378	400	400	376	398	381	395	385	371	
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		
SRev CCGT-Gas		1167	1270	1227	1359	1547	1606	1782	1760	1895	2031	1752	1877	1733	1831	2017	2267	2524	2427	2474	2516	2271	2057	1860	1876	1828	1520	1302	1234	964	939	797	643	547	559	743	896	912	839	536	315	327	309	399	447	736	878	937	1069	
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 Co-Gen		2	0	0	1	0	0	0	-1	0	1	1	0	0	0	1	0	0	1	0	1	0	0	0	0	0	0	1	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	-1	0	0	
Syncon		890	890	739	890	890	890	890	739	890	890	890	890	890	890	991	991	991	991	991	991	739	890	890	890	890	739	890	890	890	890	890	890	890	890	890	890	739	739	739	739	552	401	552	552	739	739	739	739	739
Hydro		175	126	258	127	127	128	130	269	165	171	128	163	128	127	136	116	116	116	114	408	237	237	241	290	376	376	528	245	325	359	267	396	232	255	261	390	293	257	131	224	363	200	236	135	139	150	275	280	
S.Reserve Total		2571	2815	2747	2867	3076	3190	3334	3338	3538	3669	3389	3483	3326	3361	3646	3921	4155	4036	4098	4179	3909	3707	3514	3578	3466	3323	3098	2920	2731	2734	2489	2459	2164	2290	2436	2617	2541	2433	1825	1469	1493	1461	1563	1719	1995	2161	2336	2459	