

Availability at Daily Maximum Demand Hour

ST-Coal	0 MW
ST-Gas	0 MW
ST-Oil	0 MW
Hydro	2,512 MW
Distillate	0 MW
Total TNB	2,512 MW
Total IPP	18,353 MW
Total Co-Gen	0 MW
Total System	24,372 MW

Generation Mix

Type	MWh	Percentage
Hydro	20,991	5.69 %
Gas	61,536	16.68 %
Total TNB	82,527	22.37 %
ST-Coal	177,958	48.23 %
LSS	4,519	1.22 %
Gas	102,037	27.65 %
Total IPP	284,514	77.11 %
Co-Gen	835	0.23 %
Total Co-Gen	835	0.23 %
Total Generation	367,876	99.70 %
PLTG	-449	-0.12 %
HVDC	-647	-0.18 %
Interconnection	-1,096	-0.30 %
Net Energy	368,972	100.00 %

Maximum Demand Record

Date: 5/24/2022	19,183 MW
Date: 5/24/2022	398,523 MWH

Set On Bus, TNB, IPP And MD

Daily Maximum Demand Hour at:	16:00:00 Hour
Total Set On Bus	18,883 MW
TNB Generation	4,058 MW
IPP Generation	13,143 MW
Spinning Reserve	1,633 MW
Maximum Demand	17,318 MW
Net Energy	368,972 MWH
Load Factor	88.77 %

Fuel Cost

Average Spinning Reserve During Peak Hour

Type	MW
GT	434
Hydro	647
Syncon	559
Thermal	358
Total	1,998

Time	Weather	Temperature
Afternoon	Hot	32
Morning	Cloudy	23

Gas Usage

Station	(mmscfd)
GLGR	1
TJGS	185
Total TNB	186
CBPS	55
EMPP	310
NPRI	155
PCGP	84
PLPS	46
SPGP	210
Total IPP	860
Total Gas	1,046
Total Gas Required	1,046

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	15009	14198	13767	13281	12838	12795	12999	13067	13547	15117	15916	16440	16484	16292	16880	17245	17318	16966	16096	16414	17087	16764	16287	15739

Prepared By: -Select Name-

Checked By: -Select Name-

Printed on: Friday, December 2, 2022 3:21:49 PM
(Ir. Shanmugam Thoppalan)
Head
Grid System Operator

Daily MW Generation on Wednesday

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	U002	698	706	703	705	705	427	240	213	215	213	215	214	215	360	531	705	710	704	705	702	705	705	706	706	705	704	705	705	706	705	703	703	704	703	707	703	705												
JMHE	U001	969	929	930	880	883	878	881	848	847	850	852	850	848	852	845	852	920	973	977	975	981	977	978	978	983	976	979	981	979	980	977	978	982	977	977	977	975	975	975	975	975								
JMHE	U002	974	928	930	882	878	882	879	849	850	848	850	851	848	852	849	854	923	971	974	976	980	977	976	979	978	978	979	982	979	980	976	976	977	979	975	978	977	978	981	978	983	975	976	976	976	976	976		
JMJG	U001	452	450	448	450	500	499	500	500	506	502	505	504	504	502	503	502	503	506	502	502	464	498	498	497	500	494	497	499	497	499	497	503	500	500	500	525	545	551	596	672	677	679	675	677	679	680	677	681	677
JMJG	U002	457	461	460	461	508	508	510	509	508	508	508	513	508	511	511	509	512	510	512	512	508	508	512	514	510	511	508	513	512	510	513	512	513	511	539	569	667	684	680	679	687	682	686	692	685	687	679	682	
JMJG	U003	456	458	458	457	458	475	477	495	497	497	498	497	500	496	497	505	508	506	506	508	507	512	507	508	513	508	508	508	506	512	514	504	511	508	508	592	672	671	668	676	674	673	674	675	675	675	677	672	
JMJG	U005	978	927	929	916	878	880	876	856	849	851	851	849	851	854	853	853	854	889	962	980	982	977	978	979	977	974	979	977	976	976	976	982	982	979	979	976	977	977	973	976	973	974	972	977	973	973	972	972	
PKLG	U003	151	150	150	150	150	150	149	148	152	150	151	151	151	151	150	151	150	150	150	149	238	274	285	286	283	279	285	276	276	277	279	277	277	279	214	167	162	157	150	149	148	150	150	150	150	150	150	150	
PKLG	U004	154	152	128	148	149	148	146	155	152	152	149	150	148	148	149	155	145	149	150	149	148	232	265	279	274	276	268	272	274	272	273	276	273	273	207	151	150	153	152	154	151	154	153	160	155	153	154		
PKLG	U005	268	271	268	269	269	268	268	268	269	269	269	268	268	269	269	269	268	269	269	270	269	269	274	277	271	268	271	269	267	271	269	268	269	277	359	288	269	267	268	271	269	268	268	269	268	269	269	269	
PKLG	U006	269	268	268	268	269	268	270	269	269	269	269	270	268	269	268	269	271	269	267	269	316	411	447	449	446	447	446	448	448	448	445	442	446	448	448	434	360	269	269	269	269	269	269	267	268	269	268	269	
TBIN	U001	700	701	656	409	232	211	211	213	213	212	211	212	212	213	213	212	252	392	616	700	699	699	698	699	701	699	699	698	702	700	698	699	699	692	699	699	701	696	699	695	698	699	698	647	414	255	210	212	
TBIN	U002	650	430	281	212	213	216	217	216	215	215	216	214	216	214	216	215	215	324	468	645	702	702	702	699	701	701	704	704	700	702	704	701	700	701	701	700	702	702	702	701	701	702	701	701	702	581	333	224	
TBIN	U003	282	220	214	213	216	212	213	212	212	212	212	211	213	211	212	211	212	210	211	279	390	448	449	450	448	448	448	448	448	447	448	448	448	454	453	453	454	452	453	454	451	451	454	567	691	634	408	235	
Total ST-Coal		7458	7051	6823	6420	6308	6022	5837	5751	5754	5748	5756	5755	5747	5759	5894	6089	6442	6830	7267	7552	7686	8095	8262	8298	8296	8268	8269	8269	8277	8274	8272	8281	8283	8428	8340	8327	8285	8365	8361	8372	8345	8357	8432	8320	7983	7454	7172		
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	358	364	359	365	361	364	361	360	354	356	361	361	361	361	357	358	358	363	361	360	365	358	361	357	356	355	361	355	365	361	361	357	360	361	352	349	354	359	364	361	361	357	358	360	353	361	361	364	
EMPP	BLK1	699	712	709	713	710	713	709	704	689	698	704	710	709	714	707	699	698	713	709	709	716	704	711	689	688	690	711	689	716	712	710	703	710	710	684	690	688	687	712	710	712	710	705	705	682	706	711	713	
EMPP	BLK2	697	711	709	713	710	713	709	707	690	692	707	711	710	714	706	694	699	714	709	709	716	711	711	691	687	688	711	689	714	711	710	704	711	710	684	682	699	686	712	710	711	711	698	708	683	710	711	714	
EMPP	BLK3	702	711	709	713	709	714	710	707	689	692	704	704	709	714	707	699	699	713	709	709	716	710	710	685	682	688	711	688	716	711	710	701	711	710	684	682	686	691	713	711	711	711	697	709	682	710	711	714	
GLGR	GT01	94	63	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	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	ST1C	40	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
NPRI	BLK1	512	532	513	521	517	520	516	514	506	509	514	515	516	518	510	498	453	519	515	514	523	546	556	509	507	507	515	507	521	515	515	510	515	505	438	504	506	512	518	517	515	514	512	512	503	515	520	520	
NPRI	BLK2	514	532	517	532	526	531	526	414	321	322	328	328	380	465	431	466	437	528	517	517	460	461	517	378	382	373	407	431	464	454	518	500	518	507	482	482	485	493	521	521	518	516	514	515	496	518	522	523	
PCGP	PGRG	594	611	598	611	601	611	600	600	585	590	602	601	603	608	595	596	594	609	601	598	612	490	261	256	256	254	262	586	615	604	601	594	604	603	581	576	585	597	607	605	602	597	597	599	580	603	607	612	
PLPS	GT11	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	65	130	111	113	115	113	119	116	114	139	140	140	140	137	60	0	0	0	0	0	0	0	0	0	0	0	0		
PLPS	GT13	124	124	125	125	125	124	125	124	124	124	125	124	124	124	125	124	124	124	124	125	119	123	115	109	110	112	108	115	112	131	131	131	132	128	119	122	125	124	124	124	124	125	124	124	124	124			
PLPS	ST18	58	58	58	59	58	58	58	59	59	58	59	59	58	58	58	59	59	59	59	59	59	59	57	141	131	131	131	133	132	131	140	140	141	138	125	60	59	58	59	59	59	58	58	59	58	59	59		
SPGP	BLK1	715	724	717	722	719	720	719	716	709	711	718	720	718	720	719	717	718	721	719	718	723	718	718	711	712	711	719	711	719	717	717	713	717	719	708	703	711	716	720	724	719	717	718	719	707	719	721	720	
SPGP	BLK2	713	723	714	727	718	724	717	716	709	711	717	717	720	722	717	714	716	723	718	716	721	718	719	707	708	707	715	705	724	717	717	711	718	718	706	701	708	714	720	723	720	716	714	717	704	718	721	719	
TJGS																																																		

Daily MW Generation on Wednesday

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	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
HTRG	HY03	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7
HTRG	HY04	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7
KNRG	HY01	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	25	25	25	25	25	25	25
KNRG	HY02	37	37	37	37	37	24	37	37	38	23	23	23	24	23	23	24	23	37	37	37	37	37	37	37
KNRG	HY03	38	38	38	38	38	21	38	38	38	21	21	21	21	21	21	21	21	38	38	38	37	37	37	37
KNYR	HY01	101	101	101	101	101	101	101	101	101	101	101	101	101	101	101	101	101	101	101	100	100	101	101	101
KNYR	HY02	102	102	102	102	102	102	102	102	102	102	102	102	102	102	102	102	102	102	102	102	102	102	102	102
KNYR	HY03	99	99	98	98	97	97	96	96	96	96	97	98	98	99	99	99	98	97	98	99	99	98	98	99
KNYR	HY04	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	97
LPIA	HY01	21	21	21	21	21	21	21	21	21	21	21	21	21	21	21	21	21	21	21	21	21	21	21	21
LPIA	HY02	21	21	21	21	21	21	21	21	21	21	20	20	20	20	20	19	20	19	20	19	20	21	21	21
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
PGAU	HY01	-1	-1	-1	-1	22	-1	-1	-1	-1	-1	-1	-1	19	-1	-1	-1	111	111	111	81	21	21	21	21
PGAU	HY02	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	19	-1	-1	-1	-1	-1	108	20	21	21	21	21	21	21
PGAU	HY03	20	20	20	20	20	20	20	20	20	20	20	20	20	21	21	21	21	21	21	21	21	21	21	21
PGAU	HY04	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	19	19	19	19	19	19	19	19	19
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
SIHY	HY02	30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	30	30	30	30	30	30
SIHY	HY03	30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	30	30	30	30	30	30
SYPS	HY01	17	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	17	17	17	17	17	17	17
SYPS	HY04	17	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	17	17	17	17	17	17	17
TMGR	HY01	0	-1	0	0	0	0	-1	0	-1	-1	-1	-1	-1	0	0	-1	-1	0	-1	82	81	81	81	33
TMGR	HY02	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	86	85	85	84	32
TMGR	HY03	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	32	30	30	31
TMGR	HY04	41	83	42	82	44	83	41	42	40	41	42	83	43	43	83	56	83	56	83	40	41	40	41	39
UJLI	HY01	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	92	91	91	91	91	-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
UPIA	HY01	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	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
Total Hydro		776	694	653	693	677	654	648	650	648	617	619	620	661	807	621	640	619	663	662	652	792	844	875	995
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
BDLS	LSS1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
BKLS	LSS1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
BSLS	LSS1	0	0	0	0	0	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	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	0	0	0	0	0	0	0	0	0
GELS	LSS1	0	0	0	0	0	0	0	0	0	0	0	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	0	0	0	0	0	0	0	0	0
JELS	LSS1	0	0	0	0	0	0	0	0	0	0	0	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	0	0	0	0	0	0	0	0	0
KDLS	LSS1	0	0	0	0	0	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	0	0	0	0	0	0	0	0	0
KMLS	LSS1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
KNLS	LSS1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
KRLS	LSS1	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 Wednesday

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																								
MCLS	LSS1	0	0	0	0	0	0	0	0	0	0	0	0	0	2	3	7	14	16	24	30	27	35	34	36	24	19	39	49	46	32	19	11	28	4	2	1	0	0	0	0	0	0	0	0	0	0	0	
MNLS	LSS1	0	0	0	0	0	0	0	0	0	0	0	0	0	5	8	17	36	54	47	65	56	90	50	51	53	94	68	66	93	65	69	25	58	15	5	1	0	0	0	0	0	0	0	0	0	0	0	
PKLS	LSS1	0	0	0	0	0	0	0	0	0	0	0	0	0	8	23	44	64	75	91	101	108	97	101	101	112	105	95	89	89	73	52	63	47	27	12	7	2	2	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	1	2	6	12	18	34	27	27	23	29	27	22	25	29	26	19	21	21	16	10	11	7	3	0	0	0	0	0	0	0	0	0	0	0	
SSLs	LSS1	0	0	0	0	0	0	0	0	0	0	0	0	0	2	3	9	8	11	23	10	26	24	26	16	32	39	26	39	41	28	14	7	9	3	4	1	0	0	0	0	0	0	0	0	0	0	0	
STLS	LSS1	0	0	0	0	0	0	0	0	0	0	0	0	0	3	6	8	12	14	24	23	19	25	20	24	19	9	14	8	15	7	6	3	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
TBLS	LSS1	0	0	0	0	0	0	0	0	0	0	0	0	0	3	9	16	24	30	16	30	21	30	24	24	18	23	21	19	23	13	13	14	16	9	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	33	95	202	322	431	518	511	560	654	672	577	567	654	591	598	474	394	322	274	296	167	96	35	2	2	0	0	0	0	0	0	0	0	0	0
ESTL	ESTL	23	19	22	9	14	19	22	14	13	21	23	12	8	13	23	22	13	19	22	19	9	20	17	22	15	24	23	12	8	22	24	24	25	25	24	26	24	22	20	10	21	13	14	23	22	20	17	10
KHTC	BLK1	4	3	5	3	5	3	3	2	2	4	3	3	2	5	2	0	0	0	0	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	0	4		
PCUF	CUFG	4	4	4	5	5	4	4	5	4	5	5	5	5	4	4	5	3	5	5	5	4	4	6	4	5	5	6	6	10	11	14	14	13	15	14	15	14	6	6	4	4	5	5	7	4	5		
PCUF	CUFK	8	10	9	10	10	9	9	8	9	9	9	9	9	7	10	8	9	7	9	10	8	9	9	8	9	8	10	9	9	8	10	8	9	9	8	9	8	9	9	10	9	8	9	9	10	9		
Total Co-Gen		39	36	40	27	34	35	38	30	27	38	40	29	24	32	36	36	25	33	32	33	24	33	30	35	30	36	37	25	24	37	43	43	49	47	46	50	46	46	43	25	37	26	26	37	36	37	31	28
Total Gen		15031	14584	14178	13878	13770	13528	13292	13068	12884	12789	12804	12803	12969	13252	13039	13074	13527	14538	15048	15426	15779	16139	16328	16452	16377	16164	16206	16545	16772	17092	17164	17178	17250	17203	16965	16489	16061	15915	16367	16928	16996	16935	16766	16669	16300	15936	15717	15358
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		-28	-28	-28	-28	-28	-28	-28	-28	-28	-28	-28	-28	-28	-28	-28	-28	-28	-28	-28	-28	-28	-28	-28	-28	-28	-28	-28	-28	-28	-28	-28	-28	-28	-28	-28	-28	-28	-28	-28	-28	-28	-28	-28	-28	0	0		
TIE-PLTG		50	-4	8	-13	31	0	39	11	74	49	37	18	-2	-57	0	-12	8	-68	-41	-53	-109	-88	-84	-41	-79	-71	-58	-28	-80	-59	-52	-63	-40	12	27	-19	-7	26	-19	-36	-63	-13	30	3	41	-64	-22	-16
Interconnection		22	-32	-20	-41	3	-28	11	-18	46	21	9	-11	-30	-85	-28	-40	-20	-96	-69	-82	-137	-116	-112	-69	-107	-99	-86	-57	-108	-87	-81	-91	-68	-17	-1	-47	-35	-2	-47	-64	-91	-41	2	-26	13	-92	-22	-16
System Total		15009	14616	14198	13919	13767	13556	13281	13086	12838	12768	12795	12814	12999	13337	13067	13114	13547	14634	15117	15508	15916	16255	16440	16521	16484	16263	16292	16602	16880	17179	17245	17269	17318	17220	16966	16536	16096	15917	16414	16992	17087	16976	16764	16695	16287	16028	15739	15374
SRev ST-Coal		556	705	748	841	861	910	911	910	910	910	911	908	909	910	910	910	791	685	623	518	453	451	346	315	315	330	332	317	329	332	336	332	329	330	335	379	319	306	250	250	236	259	352	290	324	455	465	470
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		428	334	369	293	280	214	232	364	546	615	612	602	464	347	513	725	655	191	266	273	272	728	926	1101	950	955	907	665	413	335	288	302	230	247	477	586	717	762	355	277	233	256	291	259	413	378	236	220
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		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	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	1104	1016	1016	865	1016	1104	1016	1104	1104	1016	1016	954	766	1104	953	1104	1016	1016	1104	953	766	766	340	527	802	802	527	615	340	252	439	439	439	439	626	626	626	626	439	252	252	439	626	626	626	714	714
Hydro		288	169	211	171	338	210	215	214	215	246	245	244	202	394	242	374	244	201	202	361	372	507	476	695	745	648	646	646	601	797	739	628	635	728	902	869	862	860	859	597	725	725	684	712	814	800	630	490
S.Reserve Total		2375	2312	2431	2408	2431	2437	2462	2591	2775	2875	2871	2857	2529	2417	2769	2962	2794	2180	2194	2256	2050	2452	2514	2538	2624	2735	2687	2242	1958	1804	1615	1701	1633	1744	2153	2460	2524	2554	2090	1563	1446	1492	1766	1887	2177	2346	2045	1894