

Daily System Generation Summary on Thursday

Thursday, August 11, 2022

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	19,697 MW
Total Co-Gen	0 MW
Total System	24,202 MW

Generation Mix

Type	MWh	Percentage
Hydro	25,301	6.40 %
Gas	27,926	7.06 %
Total TNB	53,227	13.46 %
ST-Coal	241,155	60.98 %
LSS	6,697	1.69 %
Gas	96,506	24.40 %
Total IPP	344,358	87.07 %
Co-Gen	537	0.14 %
Total Co-Gen	537	0.14 %
Total Generation	398,122	100.66 %
PLTG	1,905	0.48 %
HVDC	720	0.18 %
Interconnection	2,625	0.66 %
Net Energy	395,497	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	19,913 MW
TNB Generation	2,948 MW
IPP Generation	15,689 MW
Spinning Reserve	1,255 MW
Maximum Demand	18,585 MW
Net Energy	395,497 MWH
Load Factor	88.67 %

Fuel Cost

Total Cost:	136,167,020.76 RM
Cost per Unit	34.20 cents/kWH

Average Spinning Reserve During Peak Hour

Type	MW
GT	742
Hydro	341
Syncon	380
Thermal	321
Total	1,784

Time	Weather	Temperature
Afternoon	Hot	33
Morning	Sunny	28

Gas Usage

Station	(mmscfd)
GLGR	28
TJGS	94
Total TNB	122
CBPS	48
EMPP	194
KLPP	72
NPRI	128
PCGP	87
PGLA	98
SGB3	25
SKSP	1
SPGP	69
Total IPP	722
Total Gas	844
Total Gas Required	844

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	16280	15532	15015	14360	14010	13802	14025	13872	14259	15883	16920	17457	17324	17102	17872	18300	18585	18340	17250	16929	18209	18247	17855	17582

Prepared By: -Select Name-

Checked By: -Select Name-

Printed on: Tuesday, September 6, 2022 12:11:00 PM

(Ir. Shanmugam Thoppalan)
Head
Grid System Operator

Daily MW Generation on Thursday

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	0	0	0	0	0	0	0	0	106	195	217	215	232	306	409	411	608	646	699	706	701	702	711	705	702	705	706	704	705	709	707	702	705	706	708	694	702	715	706	702	708	708	707	706	702				
JMAH	U002	705	705	705	708	708	709	355	218	216	213	213	213	215	214	215	214	214	299	520	707	703	709	711	706	707	704	703	700	706	352	220	214	213	213	216	215	213	212	352	601	702	708	708	707	706	702			
JMHE	U001	978	979	977	977	975	900	900	900	870	867	872	871	871	869	876	870	871	956	979	978	981	980	984	979	979	975	978	977	979	978	978	979	980	981	974	979	980	979	980	974	982	980	980	977	978	979	982	981	
JMHE	U002	980	979	984	979	980	900	899	898	870	867	872	870	872	867	873	869	868	942	977	975	981	978	970	980	983	975	981	976	979	978	976	979	980	978	975	978	977	979	981	976	978	978	981	977	978	980	980	981	
JMJG	U001	668	672	668	657	660	657	662	660	656	663	660	662	658	664	660	666	660	667	669	662	668	662	669	663	666	665	662	663	662	662	662	661	668	667	667	673	666	668	666	666	670	669	668	668	667	668	668	668	
JMJG	U002	676	678	667	668	671	678	676	681	675	672	672	677	672	673	673	675	675	671	668	668	678	679	675	679	668	672	679	664	667	670	667	667	667	667	672	676	667	672	664	668	671	668	665	671	672	669	670	666	667
JMJG	U003	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	90	222	330	427	559	546	541	543	551	640	656	662	667	673	666	667	675	667	670	671	668	668
JMJG	U004	973	976	977	973	973	921	902	900	883	869	871	871	870	873	874	872	872	923	972	977	975	976	977	976	975	977	973	975	977	978	979	979	977	977	977	977	975	974	974	973	975	975	976	974	978	976	977	978	
JMJG	U005	977	976	977	973	978	892	900	900	874	868	874	873	873	873	876	873	879	961	982	979	977	978	982	982	983	986	986	979	982	981	983	983	981	979	982	982	981	979	981	978	981	982	982	981	981	983	983	979	
PKLG	U004	273	203	142	149	146	149	148	146	149	150	150	151	152	148	150	148	150	148	149	148	148	146	148	146	145	148	148	145	150	150	149	149	149	151	147	149	148	152	149	147	148	153	147	149	149	155	148	145	
PKLG	U005	464	388	294	269	268	267	270	275	268	269	269	269	269	269	269	269	269	267	269	269	267	269	271	267	269	270	269	269	268	269	269	269	269	269	269	270	269	269	269	269	270	269	268	267	269	267	269	269	
PKLG	U006	449	417	335	270	268	268	269	268	269	268	268	268	268	269	269	268	269	268	269	268	269	267	269	268	269	267	269	269	269	269	269	269	269	269	269	269	269	269	269	269	269	269	269	269	269	268	269	268	
TBIN	U001	699	699	699	701	699	698	700	698	700	699	700	697	699	701	700	699	699	699	696	699	699	699	697	703	698	698	697	699	697	700	699	698	701	700	699	700	698	698	698	699	700	696	701	698	698	699	700	701	
TBIN	U002	701	703	701	705	703	701	702	704	705	703	703	704	703	703	706	699	704	702	695	701	698	702	699	700	705	703	698	704	695	700	700	702	691	697	698	702	700	701	706	698	701	701	699	703	697	699	700	701	
TBIN	U003	700	704	702	698	701	699	701	700	701	700	699	698	701	699	699	698	700	702	700	699	701	700	699	701	701	699	701	700	699	701	700	699	702	697	701	704	701	701	698	698	697	701	701	699	700	699	699	702	
TBIN	U004	938	936	939	932	939	905	902	906	874	874	875	873	871	874	873	874	873	929	944	942	940	942	943	943	942	943	944	944	942	945	944	945	944	941	941	945	942	943	943	942	943	944	944	943	941	940	942	943	
Total ST-Coal		10181	10015	9767	9659	9669	9344	8986	8854	8710	8682	8698	8697	8798	8888	8930	8909	8936	9357	9590	9678	10110	10329	10384	10406	10390	10386	10498	10590	10701	10812	10944	10581	10454	10444	10446	10549	10558	10559	10570	10538	10701	10969	11065	11055	11057	11063	11062	10750	
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	332	342	345	338	336	338	338	332	334	330	330	332	332	332	337	332	327	329	328	200	198	193	192	196	194	194	197	187	324	339	332	328	330	332	329	335	340	336	334	331	331	332	334	328	329	329			
EMPP	BLK1	676	710	716	708	704	701	699	673	678	644	586	595	613	593	498	471	593	698	696	696	693	694	571	614	485	398	410	401	407	595	697	696	722	711	700	691	711	690	711	717	720	712	703	709	710	711	690	694	
EMPP	BLK2	698	711	716	707	708	701	700	684	688	664	615	624	642	613	520	470	591	700	706	706	704	707	597	641	506	398	466	516	703	706	697	697	723	711	705	708	710	707	711	718	720	714	707	708	710	711	708	708	
GLGR	GT02	90	90	90	90	90	90	90	90	90	90	90	90	90	90	90	90	90	90	90	90	91	91	91	91	91	91	91	91	91	91	91	91	91	91	91	91	91	91	91	91	91	91	91	91	91	91			
GLGR	ST1C	40	41	40	40	40	41	40	41	40	40	39	40	40	41	40	41	40	40	40	40	40	39	39	39	40	39	40	40	40	40	40	41	41	40	40	40	40	40	41	41	41	41	41	40	40	40			
KLPP	GT13	139	109	76	72	72	72	71	71	71	68	68	71	72	62	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
KLPP	GT14	147	121	103	78	77	77	76	76	76	76	76	76	77	76	77	80	79	78	78	79	79	79	79	79	78	78	78	79	78	79	80	95	149	149	113	112	108	114	153	152	154	153	155	154	153	154	156		
KLPP	GT15	140	140	110	80	80	80	80	80	80	80	80	80	80	80	80	80	80	80	80	80	80	80	80	80	80	80	80	80	80	80	80	80	80	140	140	110	110	110	110	110	145	145	145	145	145	145			
KLPP	ST17	212	193	185	153	148	151	147	148	148	148	144	148	147	145	93	96	98	97	97	98	98	98	98	98	98	98	99	99	99	99	99	102	105	145	144	130	129	127	129	145	144	144	144	145	145	143	144		
NPRI	BLK1	299	311	318	311	307	311	310	307	307	300	299	305	305	298	302	311	311	310	311	304	307	305	507	511	505	504	507	505	505	507	501	515	515	516	510	310	310	325	314	507	521	520	511	512	515	313	305	307	
NPRI	BLK2	296	310	317	310	310	310	309	305	305	301	298	305	304	295	302	310	310	310	310	304	307	305	511	515	509	506	511	509	509	510	505	520	528	520	514	422	335	332	340	525	532	529	522	521	336	341	331	331	
PCGP	PGRG	577	602	617	604	599	603	602	595	596	581	581	591	590	577	585	602	552	599	498	520	543	590	586	590	579	574	589	582	582	584	572	601	621	603	594	603	601</												

Daily MW Generation on Thursday

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	
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	9	
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	
CEND	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	
HTRG	HY01	121	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	61	63	63	123	122	123	122	121	120	121	63	63
HTRG	HY02	120	0	0	0	0	0	0	0	0	0	0	0	0	62	63	63	63	63	120	119	119	120	121	120	119
HTRG	HY03	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
KNRG	HY01	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	32	32	32	20	20	20	20
KNRG	HY02	37	38	38	38	25	25	25	25	25	24	25	25	25	23	37	37	37	37	23	23	22	23	23	22	23
KNRG	HY03	36	36	36	36	22	22	22	22	22	22	22	22	23	23	22	22	35	35	35	35	22	21	21	22	35
KNYR	HY01	99	99	99	99	99	99	99	99	99	99	99	99	99	99	99	99	99	99	99	99	99	99	99	99	99
KNYR	HY02	104	104	104	104	104	104	104	104	104	104	104	104	104	104	104	104	104	104	104	104	104	104	104	104	104
KNYR	HY03	104	104	104	103	104	103	103	103	103	104	104	104	104	103	103	103	103	104	104	103	103	103	103	103	104
KNYR	HY04	102	102	101	102	102	102	102	101	102	101	101	101	101	101	101	101	101	101	102	102	101	101	102	102	101
LPIA	HY01	17	17	17	17	17	17	17	17	17	17	17	17	17	17	18	18	18	18	18	18	17	16	17	17	16
LPIA	HY02	18	18	18	18	18	18	17	17	17	17	17	17	17	17	18	18	18	18	18	16	16	17	17	17	16
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
PGAU	HY01	20	19	19	19	19	19	19	19	19	19	19	19	20	20	21	21	21	21	21	21	20	20	20	21	21
PGAU	HY02	-1	-1	-1	-1	-1	-1	-1	-1	-1	3	6	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1
SIHY	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
SIHY	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
SIHY	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
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
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
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
TMGR	HY01	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	35	35	83	83	83	83	83	32	33	32	84
TMGR	HY02	41	44	44	0	0	0	0	0	0	0	0	0	0	0	85	33	85	85	85	84	85	84	31	33	32
TMGR	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
TMGR	HY04	39	84	83	84	84	78	77	60	61	46	41	40	41	38	41	84	84	76	61	82	83	67	51	49	43
UJLI	HY01	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	152	147	88	-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
UPIA	HY01	4	4	4	4	4	4	4	4	4	4	4	4	4	4	5	4	5	4	5	5	4	4	4	4	4
UPIA	HY02	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	5	5	5	5	5
Total Hydro		967	773	771	728	702	695	693	675	676	664	661	622	624	621	625	669	795	909	894	1104	1133	1232	1270	1228	1219
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
BDLS	LSS1	0	0	0	0	0	0	0	0	0	0	0	0	0	1	3	6	7	12	16	19	22	23	8	26	19
BKLS	LSS1	0	0	0	0	0	0	0	0	0	0	0	0	0	2	4	8	11	24	20	29	25	20	13	11	22
BSLS	LSS1	0	0	0	0	0	0	0	0	0	0	0	0	0	2	6	11	10	14	12	25	30	32	32	20	26
CHLS	LSS1	0	0	0	0	0	0	0	0	0	0	0	0	0	2	9	15	20	15	30	28	22	24	19	38	41
GBLS	LSS1	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	3	9	14	14	14	19	37	37	36
GELS	LSS1	0	0	0	0	0	0	0	0	0	0	0	0	0	1	4	7	11	14	17	17	24	25	27	28	29
GNLS	LSS1	0	0	0	0	0	0	0	0	0	0	0	0	0	3	6	12	15	19	27	30	33	23	35	38	32
JELS	LSS1	0	0	0	0	0	0	0	0	0	0	0	0	0	2	5	8	13	14	17	19	15	14	23	17	30
JSLS	LSS1	0	0	0	0	0	0	0	0	0	0	0	0	0	1	4	12	17	23	22	32	40	45	44	41	42
KDLS	LSS1	0	0	0	0	0	0	0	0	0	0	0	0	0	4	15	28	29	35	32	68	69	74	91	50	64
KKLS	LSS1	0	0	0	0	0	0	0	0	0	0	0	0	0	2	8	15	11	17	27	30	31	23	19	26	45
KMLS	LSS1	0	0	0	0	0	0	0	0	0	0	0	0	0	2	5	8	10	12	15	14	27	27	18	23	24
KNLS	LSS1	0	0	0	0	0	0	0	0	0	0	0	0	0	2	6	11	42	52	59	67	63	75	74	66	26

Daily MW Generation on Thursday

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																									
KRLS	LSS1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	4	13	17	19	21	22	25	28	29	27	31	31	31	32	25	25	23	15	12	8	3	1	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	1	4	10	18	25	31	36	40	42	45	45	46	47	46	46	43	39	35	29	22	17	10	3	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	0	4	18	49	68	79	86	91	95	95	97	88	98	91	99	77	87	92	43	82	76	65	48	15	1	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	0	11	27	47	62	78	88	92	107	112	112	112	112	113	107	103	94	89	79	63	43	28	12	6	7	2	2	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	1	3	12	18	26	26	40	13	47	42	52	52	39	52	51	48	44	39	33	28	19	12	6	1	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	0	1	6	11	13	18	18	20	28	34	36	31	35	35	34	33	10	28	9	14	16	5	3	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	1	4	4	12	15	18	21	24	15	11	29	18	29	11	21	23	23	20	17	13	9	6	3	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	1	7	15	22	28	30	30	30	30	30	30	30	30	30	30	30	30	30	30	26	19	13	3	1	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	14	92	227	394	493	579	676	750	829	810	864	790	927	845	879	894	781	643	622	500	379	253	115	37	3	3	0	0	0	0	0	0	0	0	0	
PCUF	CUFG	17	18	18	19	20	19	20	20	19	19	19	19	19	18	18	18	15	16	17	17	17	17	16	26	17	16	17	16	16	17	16	17	16	16	18	18	19	20	19	18	19	18	20	19	20	19	20		
PCUF	CUFK	4	5	5	5	2	4	5	4	4	4	5	5	6	4	5	4	5	4	4	4	4	4	5	4	4	5	4	3	3	4	6	4	4	5	4	3	5	4	4	3	4	6	5	5	4	5			
Total Co-Gen		21	23	23	24	22	23	25	24	23	24	24	24	25	23	24	21	20	23	23	19	21	21	21	22	21	20	30	22	21	21	19	19	21	22	21	20	21	22	23	23	23	24	22	23	21	24	25	25	
Total Gen		16409	16009	15635	15330	15143	14817	14444	14232	14098	13961	13907	13911	14127	14232	13929	13870	14354	15331	15964	16475	16956	17381	17560	17720	17375	17232	17215	17597	17983	18392	18480	18504	18658	18663	18498	17881	17381	16976	17034	17993	18339	18446	18431	18246	18004	17827	17764	17426	
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	30	30	30	30	30	29	29	31	31	30	30	29	30	30	30	28	29	31	30	28	29	31	31	31	28	29	30	29	29	28	31	31	31	31	32	31	30	28	31	32	29	31	31	31	31			
TIE-PLTG		99	83	74	40	99	58	54	81	59	86	74	71	72	89	28	60	66	31	51	37	8	33	72	23	22	81	82	73	83	102	150	81	44	102	127	102	100	125	74	66	100	115	154	100	121	70	152	141	
Interconnection		129	113	103	69	128	88	84	110	88	117	105	102	102	119	57	90	95	61	81	67	36	62	103	53	51	112	113	104	111	131	180	110	73	130	158	133	131	156	105	97	130	143	184	131	149	101	182	171	
System Total		16280	15896	15532	15261	15015	14729	14360	14122	14010	13844	13802	13809	14025	14113	13872	13780	14259	15270	15883	16408	16920	17319	17457	17667	17324	17120	17102	17493	17872	18261	18300	18394	18585	18533	18340	17748	17250	16820	16929	17896	18209	18303	18247	18115	17855	17726	17582	17255	
SRev ST-Coal		148	225	255	279	263	582	669	662	701	701	701	699	707	714	691	695	766	560	380	378	412	302	251	232	241	249	240	292	282	276	243	328	323	330	323	352	345	346	340	368	540	423	284	292	271	268	265	339	
SRev CCGT-Gas		808	756	866	1021	1190	1185	1200	1261	1251	1349	1416	1152	1120	1220	1345	1497	1344	1040	1132	1014	1082	1072	1280	1180	1480	1566	1527	1409	1112	975	906	543	352	322	328	774	744	791	709	212	189	212	260	251	419	603	725	771	
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	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		613	739	739	739	739	739	739	739	588	588	739	739	739	739	739	613	525	374	374	525	525	525	525	525	525	525	525	525	525	525	525	525	338	338	338	525	525	525	525	151	0	0	0	374	374	374	374	374	
Hydro		277	220	222	178	204	211	213	231	230	393	396	284	282	285	281	237	362	423	629	419	289	277	239	281	290	396	500	457	396	292	418	281	242	312	350	315	307	529	487	458	299	435	496	307	231	233	324	275	
S.Reserve Total		1846	1940	2082	2217	2396	2717	2821	2893	2921	3031	3101	2874	2848	2958	3056	3168	3085	2548	2515	2185	2308	2176	2295	2218	2536	2736	2792	2683	2315	2068	2092	1677	1255	1302	1339	1966	1921	2191	2061	1189	1028	1070	1040	1224	1295	1478	1688	1846	