

Availability at Daily Maximum Demand Hour

ST-Coal	0 MW
ST-Gas	0 MW
ST-Oil	0 MW
Hydro	2,050 MW
Distillate	0 MW
Total TNB	2,050 MW
Total IPP	17,395 MW
Total Co-Gen	0 MW
Total System	23,447 MW

Generation Mix

Type	MWh	Percentage
Hydro	26,907	7.10 %
Gas	52,135	13.76 %
Total TNB	79,042	20.86 %
ST-Coal	213,271	56.29 %
LSS	6,676	1.76 %
Gas	78,260	20.66 %
Total IPP	298,207	78.71 %
Co-Gen	624	0.16 %
Total Co-Gen	624	0.16 %
Total Generation	377,873	99.74 %
PLTG	-271	-0.07 %
HVDC	-709	-0.19 %
Interconnection	-980	-0.26 %
Net Energy	378,853	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:	16:30:00 Hour
Total Set On Bus	19,197 MW
TNB Generation	4,974 MW
IPP Generation	13,410 MW
Spinning Reserve	789 MW
Maximum Demand	18,444 MW
Net Energy	378,853 MWH
Load Factor	85.59 %

Fuel Cost

Total Cost:	76,633,982.02 RM
Cost per Unit	20.24 cents/kWH

Average Spinning Reserve During Peak Hour

Type	MW
GT	812
Hydro	281
Syncon	216
Thermal	200
Total	1,509

Time	Weather	Temperature
Afternoon	Hot	32
Morning	Sunny	27

Gas Usage

Station	(mmscfd)
GLGR	48
SRDG	10
TJGS	86
Total TNB	143
CBPS	42
EMPP	289
NPRI	64
PCGP	88
PLPS	4
SKSP	11
SPGP	209
Total IPP	707
Total Gas	850
Total Gas Required	850

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	14525	13832	13373	13037	12792	12533	12964	13327	13780	15412	16305	16950	16823	16664	17396	17888	18310	17990	16967	17062	18018	17921	17310	16906

Prepared By: -Select Name-

Checked By: -Select Name-

Printed on: Tuesday, September 12, 2023 10:57:47 AM
(Ir. Shanmugam Thoppalan)
Head
Grid System Operator

Daily MW Generation on Monday

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	696	696	697	695	681	570	504	504	504	504	506	504	637	696	695	696	695	697	694	693	695	696	695	696	695	696	695	696	696	696	703	704	707	705	705	705	706	704	706	711	704	702	705	706					
JMAH	U002	694	696	694	696	677	561	507	505	505	504	503	504	506	682	697	695	696	693	696	694	686	696	695	696	696	694	696	696	697	697	695	696	696	696	696	713	701	703	706	706	706	704	704	704	705	704	707	705	705
JMHE	U001	896	851	852	851	853	846	848	850	848	848	854	851	851	850	847	851	847	900	898	898	901	900	900	902	901	899	904	901	902	900	900	905	901	898	891	895	896	897	904	895	900	897	899	897	895	901	897	897	
JMHE	U002	975	849	851	845	852	848	851	854	845	849	850	849	854	853	849	852	848	941	959	973	973	974	981	976	977	975	982	976	979	979	980	979	983	980	972	978	977	979	984	971	981	980	980	979	978	978	979	980	
JMJG	U001	668	674	673	675	667	668	664	666	668	668	668	666	667	668	666	665	668	666	666	665	667	667	667	668	668	667	668	664	668	669	668	669	667	668	666	668	667	668	667	666	671	670	670	664	666	668	671	667	
JMJG	U002	671	671	662	673	671	666	672	671	671	672	671	673	673	664	670	672	667	671	672	666	669	670	667	670	671	671	669	668	668	670	671	672	673	668	668	672	669	671	663	671	670	670	664	659	660	622	579	509	
JMJG	U003	668	668	668	669	660	663	593	598	596	601	596	600	604	634	670	666	675	623	596	601	593	643	669	668	668	669	671	668	667	666	666	669	665	667	671	670	675	666	666	667	668	662	666	672	668	662	672	665	
JMJG	U004	978	929	869	854	852	850	853	852	848	855	853	851	854	853	854	850	854	899	956	975	975	977	974	972	977	978	978	975	976	977	982	978	975	977	976	974	978	979	977	977	981	976	977	977	976	976	974	972	
PKLG	U003	277	277	278	277	272	209	159	163	164	165	165	165	166	202	266	282	279	277	276	277	276	274	275	274	276	274	275	274	277	275	274	275	274	276	274	277	275	274	275	273	274	277	275	275	276				
PKLG	U004	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5	14	33	53	61	72	114	179	219	271	279	275	273	272	274	277	275		
PKLG	U005	471	471	471	471	471	471	471	471	471	260	260	260	260	471	471	471	471	471	471	471	471	471	471	471	471	471	471	471	471	471	471	471	471	471	471	471	471	471	471	471	471	471	471	471	471	471			
TBIN	U001	688	694	578	297	300	301	300	300	300	299	301	300	300	300	301	473	595	692	690	689	687	689	688	687	689	689	689	688	690	689	688	689	689	689	689	699	701	696	699	701	696	699	697	700	699	701	697	699	698
TBIN	U003	211	211	212	210	211	211	210	210	209	210	211	210	210	210	210	320	451	641	691	685	686	686	686	686	684	686	687	685	685	686	686	687	685	685	697	696	695	695	697	696	701	697	696	695	697	697	696		
TBIN	U004	980	980	850	850	850	850	850	850	850	850	850	850	850	850	850	850	903	903	980	980	980	980	980	980	980	980	980	980	980	980	980	980	980	980	980	980	980	980	980	980	980	980	980	980	980	980			
Total ST-Coal		8873	8667	8355	8063	8017	7714	7482	7494	7479	7496	7288	7283	7299	7663	8047	8342	8597	9072	9171	9268	9257	9322	9349	9345	9354	9348	9364	9341	9354	9352	9357	9371	9369	9384	9434	9446	9462	9504	9577	9595	9677	9662	9661	9657	9647	9610	9581	9497	
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	203	204	208	207	201	201	208	205	199	195	210	212	213	208	207	212	208	214	212	210	212	212	212	208	211	209	214	212	252	362	356	361	360	361	353	356	351	277	297	360	357	363	361	366	320	212	209	204	
EMPP	BLK1	579	599	589	619	577	576	651	593	573	563	423	456	712	551	410	444	406	417	438	521	601	621	687	685	598	567	553	696	700	698	588	713	723	710	726	726	720	709	732	709	708	712	712	717	694	710	695	690	
EMPP	BLK2	680	683	692	690	679	673	696	688	677	668	709	709	712	676	672	444	406	417	436	520	604	623	689	679	595	567	556	706	701	709	707	714	724	710	723	727	716	710	732	710	707	712	709	718	694	711	696	686	
EMPP	BLK3	681	686	695	691	680	679	696	688	677	669	712	709	712	677	671	443	406	415	437	520	606	624	693	679	594	569	555	703	702	710	711	714	724	710	731	732	720	711	732	710	708	712	709	718	694	711	695	687	
GLGR	GT01	66	66	66	67	67	67	67	66	65	67	67	67	66	66	65	66	67	67	67	66	66	66	66	65	65	67	66	74	105	83	107	107	106	107	74	67	68	91	105	83	72	66	65	67	66	66			
GLGR	GT02	66	66	66	66	66	66	66	66	66	66	66	66	66	66	66	66	66	66	65	65	66	66	66	66	65	65	65	65	74	103	82	106	105	105	106	71	65	65	92	103	83	72	65	66	65	65	66		
GLGR	ST1C	70	70	70	71	70	70	71	71	70	71	71	71	70	70	70	71	70	70	70	70	70	70	71	70	71	70	71	71	72	94	85	97	97	98	97	82	72	71	83	97	84	81	71	71	72	71	71		
NPRI	BLK1	308	313	318	315	306	307	317	314	305	300	320	322	325	319	317	322	316	328	323	323	325	322	323	347	322	317	326	322	510	512	509	511	511	516	507	509	502	449	516	519	506	517	511	515	500	447	445	431	
PCGP	PGRG	576	585	590	589	571	574	593	587	568	558	598	603	608	596	592	603	470	462	604	603	603	602	603	597	602	591	611	602	600	601	589	609	626	602	580	589	575	603	639	603	588	607	603	615	575	603	597	583	
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	0	0	0	0	0	44	44	44	44	43	44	145	124	125	124	
PLPS	ST18	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	17	51	54	56	56			
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	0	0	0	0	0	0	15	53	127	170	345	347	263	219	273	218	219	218	218		
SPGP	BLK1	717	719	718	719	719	720	719	719	719	718	720	719	718	720	720	719	719	717	718	718	720	721	722	722	722	723	722	720	718	714	714	714	702	708	711	718	716	717	718	716	717	718	717	717	719	717	717	720	
SPGP	BLK2	703	707	713	710	699	700	714	705	697	686	712	718	718	715	711	718	710	722	719	716	715	716	717	711	715	709	714	712	711	707	699	703	695	702	696	698	693	711	716	713	702	714	716	722	701	715	713	701	
TJGS	GT1A	126	128	129	129	123	128	135	128	122	118	137	133																																					

Daily MW Generation on Monday

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	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	68	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
HTRG	HY02	69	69	69	69	68	68	68	68	68	68	119	120	120	120	119	119	119	99	99	99	99	121	100	100
HTRG	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
HTRG	HY04	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4
KNRG	HY01	22	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
KNRG	HY02	22	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
KNRG	HY03	20	22	22	22	22	22	22	22	22	22	38	38	38	38	38	37	37	37	37	37	37	37	37	37
KNYR	HY01	95	95	95	95	94	94	94	94	93	54	59	60	97	96	96	96	96	96	96	96	96	96	96	96
KNYR	HY03	96	96	96	96	94	95	94	94	94	-1	-1	-1	96	96	96	95	95	95	95	95	95	95	95	95
KNYR	HY04	56	57	57	58	56	56	59	56	55	55	59	79	99	83	78	98	58	98	98	98	98	94	98	98
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	-1	-1	-1	-1	-1	-1	-1	19	-1	-1	21	112	112	112	112	82	82	82	82	82
PGAU	HY02	-1	-1	19	19	-1	-1	-1	-1	-1	-1	-1	-1	21	114	114	114	114	114	114	113	114	114	113	114
PGAU	HY04	0	0	0	0	0	0	0	0	0	0	0	81	79	82	81	81	81	81	81	82	81	84	146	142
SIHY	HY03	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
SYPS	HY01	21	21	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	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	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TMGR	HY01	31	32	41	44	41	41	44	43	41	39	44	45	80	44	44	45	44	79	80	80	80	79	80	80
TMGR	HY02	34	34	1	0	0	0	1	0	0	0	0	0	1	84	84	85	85	85	84	85	84	85	84	85
TMGR	HY03	30	0	0	0	0	0	0	0	0	0	0	0	0	81	81	81	81	82	80	80	80	81	81	81
TMGR	HY04	30	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	79	79	78	79	78	78	78	78	76	76	76
UJLI	HY01	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	93	-1	-1	97	91
UJLI	HY02	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	89	94	155	149
UPIA	HY01	4	4	4	4	4	4	4	4	4	4	4	4	3	3	3	3	3	3	3	3	3	3	3	3
UPIA	HY02	2	2	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
Total Hydro		716	547	473	476	448	448	453	450	446	442	318	344	401	502	476	507	912	1354	1352	1386	1385	1347	1350	1347
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	LSS2	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	LSS2	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	LSS2	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	LSS2	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	LSS3	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	LSS2	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	LSS3	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	LSS2	0	0	0	0	0	0	0	0	0	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	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	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	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	0	0	0	0	0	0	0	0	0

Daily MW Generation on Monday

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																									
SNLS	LSS4	0	0	0	0	0	0	0	0	0	0	0	0	0	1	6	14	23	21	35	45	42	49	49	50	46	50	23	20	20	50	37	5	5	4	4	3	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	4	9	17	26	29	50	31	41	32	44	45	42	46	25	46	45	27	20	22	8	7	4	1	0	0	0	0	0	0	0	0	0			
SSLS	LSS1	0	0	0	0	0	0	0	0	0	0	0	0	0	1	5	11	18	30	31	35	39	41	37	25	22	32	34	19	15	8	11	38	8	7	2	1	0	0	0	0	0	0	0	0	0	0			
STLS	LSS2	0	0	0	0	0	0	0	0	0	0	0	0	0	2	4	7	11	15	19	20	24	21	22	16	29	27	24	28	26	25	21	8	0	3	2	1	0	0	0	0	0	0	0	0	0	0			
TBLS	LSS2	0	0	0	0	0	0	0	0	0	0	0	0	0	2	5	21	29	30	30	30	19	30	30	30	30	30	30	30	30	31	26	16	10	9	5	2	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	17	114	285	475	585	712	892	899	926	1041	940	1011	981	900	703	724	541	521	417	318	173	116	64	10	0	0	0	0	0	0	0	0	0	0	0	
ESTL	ESTL	0	0	0	4	4	8	6	6	0	2	10	10	8	18	10	4	2	0	0	0	0	7	6	2	0	-5	0	9	10	7	0	5	7	11	10	0	0	0	0	0	0	0	0	0	0	0	0		
KHTC	BLK1	-20	-17	-19	-19	-17	-16	-15	-15	-18	-17	-17	-17	-21	-19	-20	-21	-27	-31	-36	-35	-39	-40	-41	-44	-50	-47	-53	-52	-54	-56	-54	-51	-34	-32	-34	-31	-29	-31	-31	-30	-27	-27	-25	-27	-26	-27	-25		
PCUF	CUFG	20	21	20	20	20	20	20	21	20	21	20	20	19	19	20	20	19	20	17	18	17	16	18	18	17	17	17	17	18	18	18	19	19	18	18	19	20	19	20	19	20	19	20	19	20	19			
PCUF	CUFK	28	29	30	28	28	28	30	28	27	28	30	31	33	29	30	32	30	34	31	30	32	29	31	30	30	28	32	31	31	31	29	32	33	30	27	28	26	31	30	28	24	27	27	27	26	27	17	15	
PFTZ	PFTZ	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	5	5	5	5	5	5	5	5	5	5	5	5	5	5			
Total Co-Gen		33	38	36	38	40	45	46	44	38	37	49	49	49	50	45	41	36	32	24	19	22	12	14	18	13	3	8	-5	1	8	5	8	5	24	26	29	28	25	23	22	18	25	24	26	24	25	15	14	
Total Gen		14475	14156	13796	13528	13338	13041	12991	12895	12776	12726	12475	12538	12903	13113	13306	13250	13756	14889	15378	15863	16293	16669	16923	16933	16759	16540	16631	17103	17386	17722	17849	17995	18256	18408	17933	17500	16935	16597	16999	17895	17986	17926	17858	17691	17283	17141	16833	16430	
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		-29	-30	-29	-29	-30	-30	-29	-29	-31	-28	-28	-29	-28	-31	-29	-29	-29	-31	-29	-30	-29	-29	-30	-31	-31	-29	-31	-31	-31	-31	-28	-29	-31	-31	-31	-28	-30	-28	-30	-31	-31	-29	-29	-29	-31	-30	-31		
TIE-PLTG		-21	-18	-7	-2	-7	-6	-16	3	13	19	-27	-7	-33	-4	7	3	4	9	-5	-38	17	-3	2	-23	-35	-19	-2	46	19	-25	-9	-39	-26	-8	-26	-3	-1	-40	-33	-10	-2	-37	-34	-35	1	-31	-43	-11	
Interconnection		-50	-48	-36	-30	-35	-36	-46	-26	-16	-9	-58	-35	-61	-33	-21	-28	-24	-20	-34	-68	-12	-34	-27	-52	-64	-49	-33	15	-10	-56	-39	-70	-54	-36	-57	-34	-32	-68	-63	-38	-32	-68	-63	-63	-27	-62	-73	-41	
System Total		14525	14204	13832	13558	13373	13077	13037	12921	12792	12735	12533	12573	12964	13146	13327	13278	13780	14909	15412	15931	16305	16703	16950	16985	16823	16589	16664	17088	17396	17778	17888	18065	18310	18444	17990	17534	16967	16665	17062	17933	18018	17994	17921	17754	17310	17203	16906	16471	
SRev ST-Coal		244	399	572	559	615	737	770	770	769	771	812	817	814	753	584	570	567	454	365	268	279	214	187	191	182	188	172	195	182	184	179	165	217	202	187	165	174	232	209	227	145	160	161	175	175	182	151	235	
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	65	9	6	37	0	0	-1	74	74	76	37	0	0	0	0			
SRev CCGT-Gas		1014	963	935	916	1034	1033	857	960	1054	1116	1047	1005	935	1191	1351	1746	1992	1943	1865	1616	1304	1125	910	924	1198	1302	1300	987	988	686	613	273	184	234	203	254	457	799	582	329	341	415	541	640	1043	1010	1026	953	
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		-1	-1	-4	0	1	-2	0	0	-2	1	-1	1	1	0	-3	-2	-1	2	1	0	1	0	-1	0	0	-2	0	0	-1	0	0	3	-1	-1	1	2	2	1	0	0	0	2	0	0	-1	0	0		
Syncon		676	764	613	613	764	764	764	764	764	764	865	865	865	613	764	764	374	374	374	374	374	374	374	374	374	374	374	374	374	374	374	187	187	187	0	0	0	187	374	374	374	0	0	0	187	374	374	374	374
Hydro		521	310	460	370	247	247	242	332	249	253	276	250	193	344	219	275	552	260	262	228	229	267	264	267	286	284	287	282	286	379	348	376	374	289	146	339	315	309	294	299	325	303	341	207	178	144	182	353	
S.Reserve Total		2454	2435	2576	2545	2748	2866	2720	2826	2921	2992	3086	3025	2895	2988	3002	3353	3484	3030	2868	2487	2186	1981	1735	1755	2040	2148	2131	1838	1830	1435	1327	1001	778	789	544	952	1359	1716	1460	854	885	952	1121	1246	1770	1709	1820	2002	