

Daily System Generation Summary on Sunday

Sunday, July 3, 2022

Availability at Daily Maximum Demand Hour

ST-Coal	0 MW
ST-Gas	0 MW
ST-Oil	0 MW
Hydro	2,430 MW
Distillate	0 MW
Total TNB	2,430 MW
Total IPP	17,714 MW
Total Co-Gen	0 MW
Total System	23,000 MW

Generation Mix

Type	MWh	Percentage
Hydro	17,062	4.95 %
Gas	27,860	8.08 %
Total TNB	44,922	13.03 %
ST-Coal	223,194	64.73 %
LSS	5,350	1.55 %
Gas	71,448	20.72 %
Total IPP	299,992	87.00 %
Co-Gen	338	0.10 %
Total Co-Gen	338	0.10 %
Total Generation	345,252	100.13 %
PLTG	2,780	0.81 %
HVDC	-2,348	-0.68 %
Interconnection	432	0.13 %
Net Energy	344,820	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:	21:00:00 Hour
Total Set On Bus	17,722 MW
TNB Generation	2,575 MW
IPP Generation	13,894 MW
Spinning Reserve	1,238 MW
Maximum Demand	16,486 MW
Net Energy	344,820 MWH
Load Factor	87.15 %

Fuel Cost

Total Cost:	128,303,767.14 RM
Cost per Unit	37.16 cents/kWH

Average Spinning Reserve During Peak Hour

Type	MW
GT	1,187
Hydro	323
Syncon	570
Thermal	326
Total	2,406

Time	Weather	Temperature
Afternoon	Hot	35
Morning	Cloudy	24

Gas Usage

Station	(mmscfd)
GLGR	29
TJGS	65
Total TNB	94
CBPS	41
EMPP	169
NPRI	108
PCGP	76
PGLA	48
PLPS	40
SPGP	95
Total IPP	578
Total Gas	672
Total Gas Required	672

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	15684	14908	14414	13950	13598	13286	13145	12755	12148	12773	13371	13864	13830	13892	14326	14757	14999	14805	14502	14687	16305	16486	16219	16020

Prepared By: -Select Name-

Checked By: -Select Name-

Printed on: Tuesday, August 2, 2022 9:45:34 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	707	704	704	707	706	703	705	705	704	705	706	702	704	703	704	647	604	655	707	709	706	706	706	705	705	707	706	706	705	705	708	708	706	705	706	705														
JMAH	U002	703	703	703	702	702	703	702	702	703	704	703	701	702	701	706	645	606	652	706	707	706	704	704	700	701	705	703	705	704	704	706	705	702	705	707	702	700	704	701	704										
JMHE	U001	979	979	980	979	901	902	899	901	886	846	850	852	849	851	848	847	850	849	850	851	851	847	850	852	850	850	850	916	919	923	921	918	934	939	939	942	942	937	983	980	980	979	978	978	977	978	979			
JMHE	U002	498	357	320	323	324	323	320	321	323	323	323	322	322	323	321	320	323	321	322	322	320	319	323	322	322	324	321	321	322	322	323	322	319	321	323	324	324	367	519	537	726	748	753	859	872	902	935			
JMJG	U001	671	672	671	672	670	672	672	670	672	671	671	673	671	671	673	672	626	669	672	671	668	669	672	670	672	674	671	672	672	674	671	672	672	668	671	671	671	671	671	672	673	673	670	672	672	672	671			
JMJG	U002	672	668	671	672	672	671	672	671	673	672	671	671	670	671	668	672	629	671	676	675	677	673	676	673	668	668	675	672	674	672	674	673	675	674	673	677	677	674	675	673	669	672	633	666	630	548	458			
JMJG	U003	591	601	594	647	671	677	677	678	672	677	675	676	676	677	675	675	626	671	672	670	677	666	673	675	673	668	672	669	671	675	666	669	671	667	668	667	671	672	668	673	662	669	675	668	668	671	670	672		
JMJG	U004	970	971	972	971	922	900	903	899	901	852	853	849	852	849	853	852	852	852	849	855	854	851	852	848	847	848	848	847	896	917	917	916	918	921	940	940	944	943	939	964	972	977	974	973	973	971	972	975		
PKLG	U003	277	280	279	280	281	280	281	280	278	278	278	277	278	279	227	146	148	149	149	148	232	272	277	278	275	279	279	277	281	277	279	278	279	280	278	278	280	280	278	278	278	279	280	279	279	279	279			
PKLG	U004	273	270	272	273	272	277	274	269	269	274	272	269	274	273	272	208	160	150	152	147	151	259	279	273	279	275	274	273	275	273	277	274	277	274	272	273	275	272	273	271	272	276	272	276	274	273	274	276		
PKLG	U005	464	458	468	466	468	470	458	474	468	466	466	464	466	470	471	419	320	267	271	269	271	269	269	267	267	269	330	431	470	466	465	475	464	466	468	467	464	466	466	469	465	468	474	470	467	463	474	466		
PKLG	U006	449	449	447	449	447	449	451	448	447	447	447	447	448	445	449	451	389	292	269	299	389	449	449	446	447	450	450	449	447	449	447	446	449	445	449	447	449	446	447	449	450	448	447	449	450	446	445	448		
TBIN	U002	706	706	706	702	700	701	699	701	699	704	701	700	704	701	700	679	603	703	700	703	698	703	698	700	700	701	702	698	701	701	699	701	702	700	702	700	702	698	702	701	699	700	703	701	702	700	701	700		
TBIN	U003	706	697	704	701	703	701	697	707	699	707	702	701	701	701	650	602	703	697	702	699	714	702	701	698	700	705	699	699	701	702	706	702	701	703	703	700	702	701	699	700	703	701	702	700	701	700				
TBIN	U004	940	938	941	942	904	907	903	904	897	854	852	855	855	855	854	854	850	853	854	853	853	854	853	854	853	854	851	852	923	925	922	920	925	925	944	942	940	938	939	940	937	939	936	937	940	940	938	938		
Total ST-Coal		9606	9453	9432	9486	9343	9336	9313	9330	9291	9180	9170	9156	9172	9170	9174	8818	8186	8456	8546	8582	8668	8915	8978	8963	8962	8967	9036	9127	9351	9385	9380	9386	9378	9381	9436	9439	9449	9439	9477	9705	9707	9917	9944	9897	10035	10002	9963	9907		
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	0	
CBPS	BLK2	356	224	216	218	221	223	222	219	223	223	222	224	223	224	214	205	223	223	213	212	223	218	223	222	221	223	220	224	217	223	218	223	224	227	223	223	225	224	222	233	360	360	362	362	361	362	361	361	361	
EMPP	BLK2	624	665	634	626	684	664	656	614	513	448	443	431	434	411	402	383	552	431	402	395	444	405	419	448	437	464	413	441	404	535	609	592	706	712	709	618	599	582	661	712	719	715	710	705	623	713	660	507		
EMPP	BLK3	612	652	619	611	669	649	640	598	503	448	447	432	432	413	404	382	556	425	401	395	442	406	419	448	441	464	411	442	404	536	626	611	706	712	709	618	605	582	662	712	720	717	710	706	621	712	659	506		
GLGR	GT02	92	93	92	93	93	93	93	93	93	93	93	93	92	93	93	93	93	93	92	93	92	93	92	93	93	93	93	92	93	92	93	92	93	93	93	93	92	93	93	92	92	93	93	93	93	93	93			
GLGR	ST1C	40	40	41	40	40	41	41	41	41	41	41	41	41	41	41	41	40	40	41	41	41	40	41	40	40	40	41	41	41	41	41	41	41	40	39	39	40	40	40	40	40	40	41	39	39	41	40	40		
NPRI	BLK1	506	511	394	300	8	0	0	0	0	0	0	0	0	0	0	0	230	485	530	530	530	383	532	311	311	305	309	300	310	304	311	312	314	311	311	313	311	311	508	524	521	518	517	515	517	516	515			
NPRI	BLK2	508	515	511	342	347	308	310	304	308	309	309	308	309	308	299	284	310	310	297	298	311	303	309	310	308	309	304	309	299	310	302	311	312	316	311	310	310	311	309	521	527	523	522	520	518	520	518	520		
PCGP	PGRG	587	595	585	592	601	603	463	397	403	402	403	403	402	401	394	396	400	402	396	397	403	392	402	402	396	403	392	401	389	402	490	604	602	611	606	601	603	605	603	605	619	613	606	602	604	605	600	603		
PGLA	GT11	157	158	158	157	159	159	160	157	159	160	160	158	160	161	156	150	161	160	154	154	160	158	158	159	158	160	157	160	155	159	157	159	159	159	161	161	159	159	160	159	160	223	224	223	224	223	172	224	225	
PGLA	ST10	88	87	88	88	88	88	87	87	87	89	88	88	88	87	86	85	88	88	88	88	88	89	89	89	89	88	88	89	89	88	89	89	89	90	89	89	89	89	89	89	89	89	114	115	115	114	114	88	113	113
PLPS	GT11	111	112	111	113	115	6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0			
PLPS	GT13	109	109	109	109	112	123	124	125	125	124	125	124	124	124	124	125	124	124	124	125	124	124	125	125	125	125	125	125	124	125	125	125	125	125	125	125	125	125	125	125	125	125	125	125	124	124	125	125	125	
PLPS	ST18	131	130	131	131	132	97	60	59	59	59	59	58	59	59	58	58	58	58	59	59	59	58	59	60	59	59	59	60	59	59	59	59	59	59	59	59	59	59	59	59	59	59	59	59	60	59	60	59		
SPGP	BLK2	719	718	71																																															

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																									
KNYR	HY01	101	100	100	100	100	100	100	101	101	101	101	101	100	101	101	101	101	102	102	101	102	102	102	101	101	101	101																						
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	105	105	105																						
KNYR	HY03	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	0	0																						
KNYR	HY04	102	101	101	101	101	101	101	101	102	102	102	102	102	101	102	102	102	102	102	102	102	103	103	103	103	102	102																						
LPIA	HY01	21	20	20	20	20	21	20	20	20	20	20	20	20	20	20	20	20	20	20	20	19	19	19	19	19	19	19																						
LPIA	HY02	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	19	19	19	19	19	19	19																						
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																						
PGAU	HY03	21	21	21	21	21	21	21	21	21	21	21	21	20	21	21	20	20	20	20	20	21	21	21	20	20	20	21																						
PGAU	HY04	21	21	21	21	21	21	22	22	22	22	22	22	0	0	0	0	0	0	0	0	19	21	21	21	21	21	21																						
SIHY	HY02	30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	50	50	50	50	50	50	50	50	50	50	50	50																						
SIHY	HY03	30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	50	50	50	50																						
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	25	25	25	25																						
SYPS	HY03	17	0	0	0	0	0	0	0	0	0	0	0	0	0	17	17	17	17	17	17	17	17	17	25	25	25	25																						
SYPS	HY04	17	0	0	0	0	0	0	0	0	0	0	0	0	0	17	17	17	17	17	17	17	17	17	25	25	25	25																						
TMGR	HY01	42	50	42	43	62	62	61	43	75	74	86	84	65	47	41	37	86	81	40	39	55	43	43	44	43	43	42																						
TMGR	HY02	34	0	0	0	0	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1																						
TMGR	HY04	-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	HY01	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	95	95	92	93																						
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	98	96	94																						
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	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	5	5	5																						
Total Hydro		777	627	618	620	639	639	638	619	652	653	665	664	643	626	618	589	643	637	594	675	695	682	682	683	681	682	681	690	682	686	679	677	678	695	698	710	1068	1047	1043	1023	927	759	730	731					
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					
BDLS	LSS1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	3	5	5	7	17	19	21	22	25	25	15	27	26	22	7	11	12	17	14	11	7	4	1	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	3	5	8	9	20	22	25	28	30	25	23	26	28	0	32	16	10	7	11	11	8	4	2	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	3	6	8	15	13	20	16	20	23	27	31	31	27	25	21	18	19	7	6	11	9	5	2	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	2	2	8	10	20	28	17	9	39	38	20	29	23	15	36	32	30	26	24	15	9	4	1	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	1	2	5	8	11	12	15	8	9	15	19	20	18	15	8	21	19	17	11	9	4	3	1	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	2	7	10	14	16	21	21	23	25	27	30	28	27	26	24	22	19	17	9	6	6	3	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	1	5	10	15	16	23	28	27	39	25	30	27	36	33	32	24	32	29	25	21	18	11	5	2	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	1	3	6	7	10	13	17	20	15	20	25	28	24	22	16	15	23	13	14	5	6	5	5	1	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	2	6	10	16	14	26	30	37	43	35	29	46	30	46	40	39	36	32	26	22	16	10	5	1	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	5	11	20	29	53	55	63	50	62	67	64	84	90	76	67	76	58	55	19	29	33	28	18	8	4	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	3	10	15	21	17	27	26	32	25	29	32	33	33	36	33	30	17	13	13	10	6	2	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	2	5	8	11	16	19	16	20	18	22	29	30	26	22	21	19	13	15	10	12	8	5	2	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	2	8	19	28	33	32	0	48	20	70	95	86	97	84	87	57	20	50	50	47	33	24	13	4	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	3	6	9	11	14	23	18	18	30	30	30	25	30	21	30	23	25	20	18	14	10	6	2	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	1	4	7	20	17	27	28	29	38	40	42	34	47	15	11	10	39	16	25	17	14	7	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	0	0	15	26	41	52	68	83	94	99	108	97	53	110	89	104	40	83	62	48	49	39	29	14	3	3	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	1	3	9	14	21	25	35	23	44	45	48	41	37	49	39	38	33	30	24	17	11	5	1	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	0	1	4	8	14	18	24	26	30	26	20	33	26	30	40	14	32	29	26	16	16	14	6	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	0	1	4	6	10	14	19	16	20	18	24	20	29	28	28	24	6	9	14	5	13	11	6	1	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	0	2	6	10	11	25	17	30	30	30	30	22	30	30	30	30	30	27	6	11	17	5	2	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	19	92	182	284	382	474	550	576	615	714	747	721	805	747	636	596	590	532	401	368	315	212	111	34	7	0	0	0	0	0	0	0	0	0	0
PCUF	CUF	5	5	5	4	6	5	4	5	5	5	4	4	4	4	5	4	4	5	5	4	5	4	4	5	4	4	5	4	5	5	5	4	4	3															

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		15735	15203	14924	14712	14436	14215	13990	13804	13564	13324	13314	13168	13166	13105	12832	12257	12158	12487	12807	13097	13422	13733	13825	13954	13802	13903	13912	14185	14332	14561	14739	14843	14989	14931	14888	14648	14532	14471	14742	15687	16309	16479	16484	16400	16272	16180	16078	15720			
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	0	0	0	
TIE-HVDC		-97	-99	-99	-99	-97	-99	-97	-96	-99	-97	-96	-99	-97	-96	-99	-97	-99	-97	-100	-97	-97	-99	-99	-97	-99	-99	-99	-100	-97	-99	-97	-97	-96	-99	-98	-98	-98	-98	-97	-98	-98	-96	-98	-97	-97	-97	-97	-97	-97		
TIE-PLTG		148	106	116	137	119	80	138	133	65	92	125	111	120	137	174	148	107	79	131	144	148	105	60	52	69	102	117	73	104	89	82	92	86	141	180	144	126	162	152	91	102	101	96	127	148	115	156	130	130		
Interconnection		51	7	16	38	22	-19	40	37	-34	-5	28	15	21	40	77	49	10	-20	34	44	51	8	-39	-47	-28	5	20	-26	6	-10	-18	-8	-10	43	83	47	30	62	55	-7	4	4	-2	29	53	17	58	32	32		
System Total		15684	15196	14908	14674	14414	14234	13950	13767	13598	13329	13286	13153	13145	13065	12755	12208	12148	12507	12773	13053	13371	13725	13864	14001	13830	13898	13892	14211	14326	14571	14757	14851	14999	14888	14805	14601	14502	14409	14687	15694	16305	16475	16486	16371	16219	16163	16020	15688			
SRev ST-Coal		171	324	160	196	339	337	359	341	368	391	407	421	404	405	402	645	940	610	514	527	532	481	444	455	457	451	441	440	319	297	302	296	304	301	246	243	233	243	355	248	246	136	159	206	268	241	280	336	336		
SRev CCGT-Gas		596	808	1058	1324	1132	1156	1213	1399	1424	1554	1562	1680	1680	1721	1990	2199	1794	2147	1977	1903	1774	1774	1771	1664	1914	1854	1885	1797	1805	1505	1276	1191	982	948	969	1157	1180	1500	1195	475	205	223	243	258	427	318	355	657	657		
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	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	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	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	0	0
Syncon		588	588	588	588	588	676	676	676	676	676	676	676	676	676	676	676	676	676	676	676	676	676	676	676	676	676	676	676	676	676	676	676	676	676	676	676	676	676	676	676	676	676	676	676	676	676	676	676	676	676	676
Hydro		453	341	350	348	329	328	329	348	315	314	302	303	324	341	349	228	174	180	223	242	222	235	235	234	236	235	236	227	237	232	238	235	231	193	238	240	238	372	369	357	517	530	534	554	463	349	378	377	377		
S.Reserve Total		1808	2148	2243	2543	2475	2497	2577	2764	2783	2935	2947	3080	3084	3143	3417	3748	3584	3613	3390	3348	3204	3166	3126	3029	3283	3216	3238	3140	3037	2710	2492	2398	2193	2118	2129	2316	2478	2791	2595	1756	1270	1191	1238	1320	1647	1458	1563	1920	1920		