

Availability at Daily Maximum Demand Hour

ST-Coal	0 MW
ST-Gas	0 MW
ST-Oil	0 MW
Hydro	2,323 MW
Distillate	0 MW
Total TNB	2,323 MW
Total IPP	18,095 MW
Total Co-Gen	0 MW
Total System	23,225 MW

Generation Mix

Type	MWh	Percentage
Hydro	25,391	6.81 %
Gas	35,136	9.43 %
Total TNB	60,527	16.24 %
ST-Coal	231,941	62.24 %
LSS	4,805	1.29 %
Gas	74,408	19.97 %
Total IPP	311,154	83.49 %
Co-Gen	1,157	0.31 %
Total Co-Gen	1,157	0.31 %
Total Generation	372,838	100.04 %
PLTG	1,863	0.50 %
HVDC	-1,700	-0.46 %
Interconnection	163	0.04 %
Net Energy	372,675	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:	16:30:00 Hour
Total Set On Bus	18,873 MW
TNB Generation	2,804 MW
IPP Generation	14,577 MW
Spinning Reserve	1,461 MW
Maximum Demand	17,364 MW
Net Energy	372,675 MWH
Load Factor	89.43 %

Fuel Cost

Total Cost:	130,873,107.20 RM
Cost per Unit	35.10 cents/kWH

Average Spinning Reserve During Peak Hour

Type	MW
GT	1,064
Hydro	217
Syncon	380
Thermal	133
Total	1,794

Time Weather Temperature

Afternoon	Hot	33
Morning	Sunny	26

Gas Usage

Station	(mmscfd)
GLGR	45
TJGS	114
Total TNB	159
CBPS	37
EMPP	164
KLPP	24
NPRI	71
PCGP	78
PGLA	60
PLPS	37
SKSP	46
SPGP	89
Total IPP	606
Total Gas	765
Total Gas Required	765

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	15461	14526	14238	13842	13365	12979	13302	13206	13747	15295	16138	16705	16589	16316	16783	17218	17293	16937	16031	16313	16995	16776	16325	15879

Prepared By: -Select Name-

Checked By: -Select Name-

Printed on: Wednesday, October 5, 2022 9:32:46 AM

(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	U001	688	708	701	702	702	704	701	709	705	702	703	700	713	699	701	703	690	703	704	702	702	701	702	701	702	701	702	702	699	705	702	718	704	699	701	702	699	705	704	702	702	702							
JMAH	U002	704	707	705	699	656	502	300	213	215	213	214	213	212	335	517	704	704	706	707	702	704	706	701	710	707	701	710	697	703	700	703	707	703	705	707	700	705	707	703	709	701	706	704	703	704	707	701	706	
JMHE	U001	979	980	899	901	902	898	903	895	899	898	850	853	850	901	895	899	900	949	979	976	977	978	977	979	976	974	981	978	977	975	977	977	975	977	979	976	979	981	977	976	978	978	977	975	978	974	976		
JMHE	U002	0	0	0	0	0	0	0	0	0	0	17	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	32	98	141	206	455	523	512	700	706	710	713	713	797	863	937	980	981	979	979	983	977	981	
JMJG	U001	672	666	577	615	689	671	675	677	669	672	672	673	675	669	669	669	673	671	675	673	672	672	673	670	671	672	671	673	676	668	660	668	660	672	665	666	668	669	671	660	666	669	671	660	666				
JMJG	U002	676	672	678	675	675	676	672	678	677	679	672	671	677	677	671	678	671	680	673	678	677	675	673	673	671	673	680	672	674	672	672	672	677	672	672	675	678	678	669	673	674	673	674	674	676	677	671		
JMJG	U003	672	662	667	667	671	662	662	659	672	667	667	665	662	670	667	666	666	679	657	666	664	669	665	662	662	669	661	660	666	662	671	668	660	668	666	668	660	671	675	651	671	666	670	662	663	661	664	666	
JMJG	U004	973	973	950	903	904	901	899	902	900	901	859	853	856	899	902	901	900	938	981	976	980	977	975	978	977	976	975	975	978	974	979	976	976	977	977	977	974	977	979	977	974	978	977	978	978	976	978	975	
JMJG	U005	804	797	767	747	749	744	743	740	743	734	750	747	752	751	751	749	751	750	749	746	752	752	748	744	737	736	744	752	815	846	846	845	842	843	871	889	884	885	891	883	884	886	881	882	883	881	881	881	
PKLG	U003	32	37	32	33	33	32	31	31	30	30	32	30	32	32	32	35	39	41	42	40	40	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
PKLG	U004	274	273	273	272	247	157	152	155	147	150	152	151	152	152	155	154	218	265	273	273	273	270	273	272	273	272	275	274	273	274	273	267	272	274	271	273	273	274	274	276	276	274	275	271	275	273	276		
PKLG	U005	464	465	475	466	422	352	270	268	271	269	269	269	267	272	269	269	271	343	435	462	464	468	462	468	468	458	460	471	468	465	469	473	464	466	470	466	462	466	471	468	466	464	473	468	458	466	466	469	
PKLG	U006	449	447	449	450	413	320	272	268	268	269	268	269	269	269	267	269	300	393	436	450	446	447	447	448	448	448	448	448	447	449	449	451	445	450	449	449	449	450	450	448	446	450	449	448	446	445	448	450	
TBIN	U002	681	681	681	681	681	681	681	681	681	681	681	681	681	681	681	681	700	700	703	701	701	716	703	702	696	702	701	701	707	707	701	708	701	700	703	700	699	698	699	702	698	702	711	701	699	702	696	705	
TBIN	U003	650	650	650	650	650	650	650	650	650	650	650	650	650	650	650	650	700	700	703	695	698	697	698	697	701	696	701	697	700	693	698	698	697	698	694	697	699	696	698	697	697	697	696	701	695	699	697	699	
TBIN	U004	875	873	872	873	872	874	875	875	874	873	872	874	873	873	875	871	871	874	873	874	873	873	875	875	875	873	874	875	870	874	873	872	873	874	874	873	874	873	871	873	875	871	874	874	873	874	873		
Total ST-Coal		9593	9591	9376	9334	9266	8823	8490	8395	8402	8386	8315	8317	8313	8530	8705	8893	8891	9338	9586	9610	9624	9647	9569	9583	9562	9548	9606	9678	9791	9870	10139	10216	10171	10370	10408	10426	10413	10453	10542	10548	10645	10699	10703	10695	10672	10695	10668	10696	
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		
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		
CBPS	BLK2	201	190	190	201	200	201	210	194	201	193	192	203	207	204	197	191	202	204	208	203	200	200	252	263	268	198	198	201	202	263	264	201	265	261	202	202	201	196	202	259	259	265	204	201	198	198	200	198	
EMPP	BLK1	410	395	398	411	410	413	548	569	409	398	396	547	716	636	405	395	414	419	430	410	412	613	710	692	691	583	409	616	579	746	746	746	745	711	693	558	441	458	562	711	688	711	640	502	407	411	415	408	
EMPP	BLK3	410	395	397	411	412	413	537	405	410	398	396	413	503	636	405	394	457	461	521	410	530	712	711	692	690	647	501	609	588	702	690	708	710	710	645	578	440	463	558	710	687	711	627	515	408	410	413	408	
GLGR	GT01	68	67	66	66	66	66	67	66	67	68	66	67	68	67	66	65	67	67	67	64	66	65	66	64	65	66	64	67	65	64	65	66	65	65	65	65	66	66	66	65	67	65	66	65	66	66	66		
GLGR	GT02	65	66	66	66	66	65	65	66	66	66	65	66	66	65	66	65	66	66	65	66	66	65	66	66	66	66	66	66	66	66	66	66	65	66	65	66	65	66	66	66	66	66	66	66	66	66	66		
GLGR	ST1C	70	70	70	71	71	70	71	70	71	70	70	70	70	70	70	70	70	70	71	71	71	71	70	71	68	70	70	71	71	71	71	71	71	71	71	71	71	71	71	71	71	71	71	71	70	71	71	71	
KLPP	GT15	105	102	102	104	105	108	111	105	105	105	103	106	108	107	103	99	103	107	108	107	102	102	103	103	103	102	103	102	103	103	103	103	107	103	103	36	0	0	0	0	0	0	0	0	0	0	0	0	
KLPP	ST17	57	56	58	58	58	57	59	58	58	57	56	58	59	58	57	55	57	58	58	57	57	57	57	57	57	57	56	57	57	56	57	56	57	58	58	56	38	0	0	0	0	0	0	0	0	0	0	0	0
NPRI	BLK2	400	385	384	399	308	310	325	296	307	298	296	312	317	309	302	290	310	440	387	517	517	517	519	514	510	514	514	517	520	515	512	520	520	511	520	519	399	516	521	512	512	510	515	510	512	394			
PCGP	PGRG	514	403	399	402	405	402	431	402	402	405	406	407	418	411	406	405	409	407	417	508	597	599	603	598	588	592	592	600	602	596	593	599	604	605	584	604	599	603	610	588	604	600	601	593	591	446	396		
PGLA	GT11	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	134	131	132	133	132	131	132	132	132	131	132	132	131	132	132	132	132	104	0	0	0	0	
PGLA	GT12	155	148	148	155	155	156	160	153	155	151	150	156	158	156	153	150	156	156	158	156	155	155	156	181	153	153	135	135	135	135	135	136	136	135	136	135	136	136	135	136	136	135	136	135	142	162	162	161	
PGLA	ST10	85	85	84	85	83	85	83	84	83	83	84	84	84	84	83	84	84	84	84	84	84	84	84	99	82	80	181	182	182	180	182	181	181	181	181	180	180	180	180	180	180	180	180	180	74				

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
CEND	HY01	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	HY02	9	9	9	9	9	9	9	9	9	9	9	9	9	9	8	8	8	8	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	0	0	0	0	0	0	0	0	0	0	0	0	0	0	8	8	8	8	8	8	0	0	0	0
HTRG	HY01	118	119	71	62	-1	-1	-1	-1	-1	-1	-1	-1	-1	64	121	121	121	121	118	119	118	118	118	118
HTRG	HY02	117	118	63	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	62	63	63	62	62	115	117	117	117	117	118
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
KNRG	HY01	32	32	32	32	32	33	32	32	32	32	32	32	32	32	32	32	32	32	32	32	32	32	32	32
KNRG	HY02	38	37	38	38	38	38	38	38	38	38	38	38	37	37	38	38	38	38	38	38	38	38	37	38
KNRG	HY03	36	36	36	36	36	36	36	36	36	36	36	36	36	36	36	36	36	36	36	36	36	36	36	36
KNYR	HY01	100	99	99	100	99	100	100	100	59	59	100	100	100	100	100	100	100	100	100	100	100	100	100	100
KNYR	HY02	104	104	104	104	104	104	104	104	59	59	104	104	104	104	103	104	103	103	103	104	104	104	103	104
KNYR	HY03	103	102	102	102	102	101	100	100	58	58	101	102	102	102	59	102	103	103	102	102	102	102	101	101
KNYR	HY04	101	100	100	101	100	101	102	101	101	59	59	101	101	101	60	101	101	101	101	101	101	101	101	101
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	121	121	83	22	-1	-1	-1	-1	-1	-1	-1	-1	20	-1	21	82	121	122	122	121	121	121	122	82
PGAU	HY02	122	122	84	22	-1	-1	-1	-1	-1	-1	-1	-1	-1	21	84	123	123	123	123	123	123	123	83	
SIHY	HY01	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	6	51	
SIHY	HY02	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	50	
SYPS	HY01	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	25	
SYPS	HY03	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	16	
SYPS	HY04	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	25	
TMGR	HY01	80	32	31	34	-1	-1	-1	-1	-1	-1	-1	-1	-1	80	80	80	80	81	80	80	80	80	80	80
TMGR	HY02	85	30	31	34	0	0	0	0	0	0	0	0	0	85	85	86	86	85	86	86	86	85	85	85
TMGR	HY03	80	81	29	32	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TMGR	HY04	68	39	39	42	42	80	79	40	55	39	38	80	80	80	51	37	77	78	78	78	78	78	78	78
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
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	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4
Total Hydro		1415	1262	1032	850	672	678	678	636	651	465	464	677	678	688	660	491	693	907	1093	1236	1293	1291	1259	1259
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	1	3	5	8	20	19	11	10	9	18	22
BKLS	LSS1	0	0	0	0	0	0	0	0	0	0	0	0	0	1	2	2	2	4	6	9	10	10	14	20
BSLS	LSS1	0	0	0	0	0	0	0	0	0	0	0	0	0	3	11	9	4	5	8	13	24	28	16	27
CHLS	LSS1	0	0	0	0	0	0	0	0	0	0	0	0	0	2	5	6	11	13	15	19	34	21	28	16
GBLS	LSS1	0	0	0	0	0	0	0	0	0	0	0	0	0	2	10	12	14	16	30	25	37	30	45	21
GELS	LSS1	0	0	0	0	0	0	0	0	0	0	0	0	0	4	7	8	15	19	24	26	26	23	19	15
GNLS	LSS1	0	0	0	0	0	0	0	0	0	0	0	0	0	2	1	0	1	2	6	14	21	27	24	20
JELS	LSS1	0	0	0	0	0	0	0	0	0	0	0	0	0	3	2	1	1	3	6	10	12	20	17	13
JSLs	LSS1	0	0	0	0	0	0	0	0	0	0	0	0	0	2	7	10	12	22	33	26	29	13	28	31
KDLS	LSS1	0	0	0	0	0	0	0	0	0	0	0	0	0	7	27	28	9	11	13	20	32	69	56	50
KKLS	LSS1	0	0	0	0	0	0	0	0	0	0	0	0	0	1	4	11	14	8	8	11	12	16	23	29
KMLS	LSS1	0	0	0	0	0	0	0	0	0	0	0	0	0	2	9	5	3	4	4	7	12	23	27	22
KNLS	LSS1	0	0	0	0	0	0	0	0	0	0	0	0	0	2	10	18	24	73	77	97	93	64	41	57
KRLS	LSS1	0	0	0	0	0	0	0	0	0	0	0	0	0	3	5	8	20	13	30	18	30	18	27	17
MCLS	LSS1	0	0	0	0	0	0	0	0	0	0	0	0	0	4	7	11	14	16	19	20	22	32	37	34

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					
MNLS	LSS1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	7	26	20	22	26	31	31	38	58	78	69	81	85	80	79	58	39	34	18	30	14	9	4	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	0	0	11	26	52	63	51	95	107	99	98	98	109	28	107	87	30	30	15	30	4	4	4	3	3	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	0	3	5	7	11	29	41	40	40	41	41	29	52	30	47	20	27	49	23	17	13	10	6	2	0	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	0	0	1	3	7	9	12	29	32	40	37	21	38	42	28	42	26	36	34	30	23	12	10	4	3	0	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	0	0	1	3	7	7	9	9	11	14	21	18	19	29	29	28	11	8	13	11	6	6	4	3	1	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	0	0	0	1	2	5	11	8	7	24	30	30	30	25	30	30	7	20	10	6	4	6	5	4	3	0	0	0	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	0	0	27	117	206	269	363	421	526	609	624	715	708	740	629	704	608	503	473	381	305	303	207	125	53	5	1	0	0	0	0	0	0	0	0	0	0	0
KHTC	BLK1	1	4	4	2	3	2	2	3	3	3	2	2	4	2	3	3	2	2	3	2	4	2	4	2	4	2	3	2	1	0	0	0	0	0	0	0	2	1	2	2	2	4	2	2	3	4	3	5				
PCUF	CUFG	29	29	29	29	29	29	29	29	29	29	29	29	29	29	29	29	29	28	29	29	27	27	27	27	28	27	28	28	28	27	29	28	27	28	28	28	28	29	29	28	28	28	27	29	28	28	27	27				
PCUF	CUFK	27	27	27	27	27	27	27	27	27	27	27	27	27	27	27	27	27	5	5	5	5	4	21	26	27	25	25	26	25	27	5	5	4	5	3	5	4	4	4	5	4	5	5	4	7	25	27	27	26			
Total Co-Gen		57	60	60	58	59	58	58	59	59	59	58	58	60	58	59	59	59	35	36	37	33	52	55	59	54	56	56	54	54	34	33	31	32	31	33	32	34	34	36	34	35	37	33	38	56	59	57	58				
Total Gen		15482	15143	14555	14417	14280	13861	13831	13475	13385	13127	13043	13084	13318	13575	13214	13201	13749	14623	15208	15596	16088	16453	16687	16810	16600	16448	16305	16598	16729	17014	17207	17304	17293	17412	17001	16504	16076	15906	16297	17054	17065	17027	16809	16668	16356	16249	15916	15518				
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			
TIE-HVDC		-30	-30	-30	-30	-30	-30	-30	-30	-30	-30	-30	-30	-30	-30	-30	-100	-100	-100	-100	-100	-100	-100	-100	-100	-100	-100	-100	-100	-100	-100	-100	-100	-100	-100	-100	-100	-100	-100	-100	-100	-100	-100	-100	-100	-30	-30	-30					
TIE-PLTG		51	88	59	32	72	38	19	84	50	76	94	34	46	63	38	27	32	54	13	36	50	21	82	96	111	95	89	91	46	59	89	118	100	149	164	145	145	140	85	53	170	119	133	81	131	40	67	53				
Interconnection		21	58	29	2	42	8	-11	54	20	46	64	4	16	33	8	-3	2	-46	-87	-64	-50	-79	-18	-4	11	-5	-11	-9	-54	-41	-11	18	0	49	64	45	45	40	-15	-47	70	19	33	-19	31	10	37	23				
System Total		15458	15083	14524	14412	14238	13853	13842	13421	13365	13081	12976	13076	13302	13537	13201	13204	13747	14669	15295	15660	16138	16532	16705	16814	16589	16453	16314	16594	16768	17040	17208	17278	17285	17364	16928	16450	16031	15867	16313	17102	16989	17005	16776	16687	16316	16229	15872	15495				
SRev ST-Coal		205	207	326	295	356	539	536	538	530	546	528	563	525	529	528	462	394	285	162	138	124	101	144	115	136	150	124	140	87	148	109	112	157	178	140	122	175	135	146	240	173	119	115	123	146	143	170	142				
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 CCGT-Gas		1706	2139	2282	2194	2214	2195	1892	2112	2224	2280	2291	2219	1984	1952	2461	2520	2362	2114	1835	1594	1227	857	599	509	785	1206	1570	1236	1291	970	941	918	787	793	1161	1405	1513	1594	1267	665	804	901	1120	1387	1741	1456	1584	1764				
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		
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		
SRev Co-Gen		6	4	4	6	0	0	0	0	0	0	6	8	0	10	10	0	0	0	0	0	0	0	0	0	0	0	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		374	374	374	500	1016	1016	1016	1016	1016	1016	1016	1016	1016	1016	865	1016	626	500	374	374	374	374	374	374	374	374	374	374	374	374	374	374	374	374	374	374	374	374	374	374	374	374	374	374	374	374	374	626				
Hydro		133	262	492	548	123	30	30	72	57	243	244	31	30	44	72	392	39	302	242	225	168	170	162	162	161	112	110	110	112	111	110	121	119	116	197	371	373	430	484	429	376	373	372	430	383	441	442	437				
S.Reserve Total		2424	2986	3478	3543	3709	3780	3474	3738	3827	4085	4085	3837	3555	3551	4087	4239	3811	3327	2739	2331	1893	1502	1279	1187	1456	1842	2182	1886	1894	1633	1554	1541	1453	1461	1890	2290	2435	2533	2271	1708	1739	1773	1981	2314	2662	2434	2584	2969				