

Availability at Daily Maximum Demand Hour

ST-Coal	0 MW
ST-Gas	0 MW
ST-Oil	0 MW
Hydro	2,223 MW
Distillate	0 MW
Total TNB	2,223 MW
Total IPP	18,010 MW
Total Co-Gen	0 MW
Total System	23,436 MW

Generation Mix

Type	MWh	Percentage
Hydro	16,189	4.40 %
Gas	42,696	11.61 %
Total TNB	58,885	16.01 %
ST-Coal	224,515	61.06 %
LSS	2,649	0.72 %
Gas	79,524	21.63 %
Total IPP	306,688	83.40 %
Co-Gen	1,043	0.28 %
Total Co-Gen	1,043	0.28 %
Total Generation	366,616	99.70 %
PLTG	-404	-0.11 %
HVDC	-698	-0.19 %
Interconnection	-1,102	-0.30 %
Net Energy	367,718	100.00 %

Maximum Demand Record

Date: 3/10/2020	18,808 MW
Date: 3/10/2020	394,238 MWH

Set On Bus, TNB, IPP And MD

Daily Maximum Demand Hour at:	15:30:00 Hour
Total Set On Bus	18,290 MW
TNB Generation	2,867 MW
IPP Generation	14,007 MW
Spinning Reserve	1,385 MW
Maximum Demand	16,997 MW
Net Energy	367,718 MWH
Load Factor	90.14 %

Fuel Cost

Total Cost:	77,838,905.27 RM
Cost per Unit	21.22 cents/kWH

Average Spinning Reserve During Peak Hour

Type	MW
GT	438
Hydro	323
Syncon	540
Thermal	214
Total	1,515

Time Weather Temperature

Afternoon	Hot	32
Morning	Sunny	25

Gas Usage

Station	(mmscfd)
GLGR	47
TJGS	142
Total TNB	189
CBPS	54
KLPP	64
NPRI	160
PGLA	108
PLPS	73
SKSP	1
Total IPP	459
Total Gas	648

Total Gas Required 648

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	15279	14501	13995	13585	13262	13072	13053	13230	13699	15370	16059	16528	16399	16281	16823	16993	16893	16481	15470	15918	16615	16368	15983	15619

Prepared By: -Select Name-

Checked By: -Select Name-

Printed on: Wednesday, November 3, 2021 1:02:34 PM
(Ir. Shanmugam Thoppalan)
Head
Grid System Operator

Daily MW Generation on Tuesday

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	692	692	692	692	653	600	580	501	553	502	502	502	551	552	552	641	694	699	694	692	694	690	693	689	691	691	694	692	692	692	694	693	693	691	693	691	691	690	693	691	691	693	691	693	693	692	693	
JMAH	U002	698	700	695	698	653	604	594	505	558	506	507	508	505	558	556	558	648	698	695	699	694	692	695	697	694	696	695	697	694	693	690	696	696	696	699	698	694	696	696	697	695	697	697	693	695	697	697	693
JMHE	U001	979	949	899	902	897	849	852	851	850	850	843	800	800	799	800	811	901	898	979	975	977	981	981	980	979	977	982	979	981	977	979	979	982	979	979	975	980	982	983	980	981	979	981	979	978	984	980	
JMHE	U002	978	948	901	900	896	855	850	852	850	852	836	800	801	803	799	809	900	899	974	977	975	980	979	977	979	977	980	981	980	976	981	981	978	978	978	977	977	982	982	980	980	981	980	979	979	981	979	
JMJG	U001	663	668	667	667	666	668	667	666	666	666	651	598	601	601	601	597	645	645	641	644	640	645	643	640	645	640	641	635	640	642	640	641	640	645	643	642	651	637	672	645	643	643	643	640	642	644		
JMJG	U002	669	678	669	672	675	672	674	671	673	676	671	669	671	671	671	671	674	662	679	672	672	673	671	671	672	672	673	671	672	673	673	672	673	672	672	673	669	673	674	668	672	681	669	676	666	668	665	
JMJG	U003	667	667	671	668	679	666	667	671	667	670	666	670	668	668	668	668	671	667	668	663	667	668	663	663	665	666	670	662	668	659	671	666	667	667	666	672	666	665	665	666	662	670	667	662	658	671	660	
JMJG	U004	983	979	925	902	903	878	854	854	855	804	809	807	810	808	808	808	868	912	983	985	986	985	982	986	986	986	986	987	988	986	985	985	985	985	985	985	985	983	985	985	986	983	985	985	985	985	986	
PKLG	U006	313	273	269	269	269	268	270	269	269	269	268	267	269	269	269	293	379	428	443	443	443	445	443	444	443	443	445	430	426	432	434	434	440	442	438	439	438	440	438	443	440	439	438	439	441	440	440	
TBIN	U001	691	689	689	689	650	600	583	496	500	448	447	466	499	548	548	548	622	693	685	687	687	687	686	694	685	687	687	690	690	688	689	690	688	687	687	687	689	687	689	687	689	688	688	690	688	687		
TBIN	U002	690	690	692	691	651	600	592	503	503	453	454	460	501	554	553	552	625	693	690	690	691	689	693	686	689	691	692	692	690	692	689	690	692	689	690	691	688	689	694	685	690	691	686	685	692	689	690	
TBIN	U003	691	691	691	690	650	601	585	497	503	454	453	466	504	550	550	550	637	693	694	689	694	688	692	695	689	692	692	689	692	691	691	690	689	690	688	690	690	691	691	688	692	690	690	690	692	690	691	
TBIN	U004	982	951	902	902	902	861	854	852	856	804	803	803	805	803	802	804	808	903	918	981	983	983	985	983	983	982	983	983	984	984	978	982	983	981	983	981	983	982	984	982	984	982	982	984	980	987	981	980
Total ST-Coal		9696	9575	9362	9342	9144	8722	8622	8190	8304	7952	7948	7948	7932	8182	8180	8178	8642	9364	9492	9811	9797	9797	9814	9804	9802	9801	9806	9818	9793	9792	9771	9806	9800	9802	9799	9802	9800	9790	9817	9808	9826	9805	9818	9795	9794	9796	9808	9788
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	368	321	329	315	296	375	314	365	330	378	368	370	375	362	353	360	352	295	325	304	350	288	360	364	356	358	362	363	364	364	364	363	366	365	353	361	288	362	368	367	366	364	367	369	363	364	365	345
GLGR	GT01	68	68	67	66	66	69	69	69	67	67	69	69	68	68	67	68	67	67	67	67	67	67	68	68	66	67	67	66	66	91	83	85	89	86	83	68	65	68	68	83	82	68	69	67	68	68	68	
GLGR	GT02	67	67	67	67	67	67	68	69	67	68	68	67	67	68	67	68	67	67	67	67	67	68	68	67	67	68	68	67	90	84	84	88	85	85	67	67	67	68	85	79	68	68	68	68	68	68	68	
GLGR	ST1C	74	74	74	73	73	73	73	74	73	73	73	73	73	72	72	73	73	73	74	73	73	73	73	73	73	73	73	73	89	84	84	87	85	83	74	73	72	72	76	82	71	71	71	71	72	71	71	
KLPP	GT13	125	120	116	116	116	123	122	126	121	127	125	124	125	122	121	122	119	118	117	116	117	121	117	116	117	117	116	124	125	130	127	124	124	122	113	112	114	117	134	135	135	111	116	109	116	125	119	
KLPP	GT14	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	21	60	150	132	132	131	112	112	111	113	114	155	154	154	154	155	111	111	115	117	155	156	156	112	118	112	117	78	0	
KLPP	GT15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	18	18	140	140	140	140	140	140	140	115	115	0	0	0	0	0	0	0	0	0	
KLPP	ST17	65	65	63	64	63	65	64	65	64	65	66	65	66	65	65	65	64	64	64	60	57	144	137	138	138	132	132	128	122	202	212	211	211	211	211	193	193	136	132	146	143	143	129	133	130	133	130	65
NPRI	BLK1	520	518	518	516	509	530	520	530	520	535	529	523	530	520	521	520	520	508	512	506	513	502	520	520	506	513	510	518	520	520	517	520	520	520	510	512	502	490	523	525	518	518	520	524	520	526	520	512
NPRI	BLK2	518	515	523	520	511	529	517	533	523	541	530	527	536	523	523	523	525	490	514	490	513	484	523	521	487	511	497	519	523	522	520	523	522	522	498	516	486	486	529	529	523	523	524	529	522	529	524	502
PCGP	PGRG	603	602	602	598	589	611	603	618	600	621	613	606	614	603	601	601	601	586	592	585	592	581	603	602	583	594	590	599	601	603	599	603	603	603	589	594	582	600	607	612	602	601	601	607	602	609	601	594
PGLA	GT11	169	168	168	169	169	168	169	167	170	169	169	169	169	169	169	169	231	237	236	232	232	231	230	230	230	230	229	227	226	227	227	227	214	211	167	162	168	171	219	218	177	187	189	187	172	171	169	
PGLA	GT12	173	173	173	173	173	173	174	172	174	172	173	174	173	173	173	173	234	239	237	234	234	234	233	233	233	231	230	229	230	230	230	230	218	218	215	170	165	172	174	223	221	221	191	192	191	176	175	172
PGLA	ST10	204	206	205	205	204	204	204	205	205	205	205	205	205	204	204	205	251	260	260	259	259	259	259	259	259	259	258	256	258	258	258	242	241	239	204	204	206	206	242	240	240	217	218	217	209	205	205	
PLPS	GT11	128	129	128	128	129	128	128	128	128	128	128	127	129	129	128	128	127	122	125	127	126	116	117	112	114	112	121	143	118	117	117	116	117	112	116	112	117	116	126	116	116	119	119					

Daily MW Generation on Tuesday

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	0	0	0	0	0	0	0	0	0	0	62	125	125	125	124	63	124	125	124	123	124	124	63	63	62	125	125	125	124	125	125	125	122	123	121														
HTRG	HY02	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	63	63	63	62	63	-1	-1	65	65	65	65	63	63	63	63	63	-1	64	64	64	65	65	65	122	122	123											
KNRG	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	0	0	0	0	0	0	0	0	0	0	0													
KNRG	HY02	37	37	21	20	20	21	21	22	21	22	21	21	22	21	21	20	20	20	20	20	24	24	23	23	23	23	23	22	22	22	23	23	35	35	35	35	21	0	0	0									
KNRG	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	0	0	0	0	0	0	0	0	0	0	0	0												
KNYR	HY01	94	94	94	94	94	94	94	94	94	94	94	94	94	94	94	94	94	94	94	94	94	94	94	94	94	94	94	94	94	94	94	94	94	94	94	94	94	94											
KNYR	HY03	96	96	95	96	96	95	96	96	96	95	95	95	95	95	95	95	95	95	95	95	95	95	95	95	95	95	95	95	95	95	95	95	95	95	95	95	95	95											
KNYR	HY04	85	73	60	60	59	96	69	96	63	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96											
LPIA	HY01	17	17	17	17	17	17	17	17	17	17	17	17	17	18	18	18	18	18	18	18	18	18	18	18	18	18	18	18	18	17	17	17	17	17	17	17	17												
LPIA	HY02	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17												
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	3	3	3	3	3	3	3	3	3	3												
PGAU	HY01	-1	18	-1	-1	-1	-1	-1	-1	-1	19	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	19	-1	-1	-1	-1	-1	-1	-1	19											
SIHY	HY01	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	31	31	31	31	31	0	0	0	30	48	48	47	30	30	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	30	31	31	31	31	0	0	0	30	50	50	50	30	30	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	31	31	31	31	31	0	0	0	10	50	50	50	30	30	0	0	0											
SYPS	HY01	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	17	17	17	17	17	17	17	17	17	17	17	0	0	0	0	17	17	17	17	17	0	0	0	0										
SYPS	HY02	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	17	17	17	17	17	17	17	17	17	17	17	0	0	0	0	17	17	17	17	17	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	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	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1												
TMGR	HY02	34	34	34	34	33	34	34	35	34	35	34	34	34	34	32	34	31	33	31	34	35	31	32	33	34	34	34	33	33	34	33	30	34	34	39	46	45	45	87	45	75	46	43						
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	0	0	0	0	0	30	41	40	41	0	0	0	0	0										
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	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1										
UJLI	HY01	93	93	90	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	89	81	88	84	-1	-1	-1	-1	92	90	98	-1	-1	-1	-1	-1	120	96	96	98	146	97	117	96	92							
UJLI	HY02	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	54	102	92	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1								
UPIA	HY01	6	5	6	6	6	5	6	6	6	6	6	6	6	5	6	6	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	5	5	5	5	5	5	5	5	5	5	5	5	5									
Total Hydro		518	523	487	395	404	442	417	447	412	446	463	444	445	443	441	444	424	502	602	598	686	661	607	787	756	678	676	681	816	886	878	897	891	902	766	611	606	549	817	1132	1125	1123	1037	1035	783	845	812	823	
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	0				
BDLS	LSS1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	3	6	7	11	12	13	13	15	17	21	8	13	15	17	23	15	10	10	10	11	5	2	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	1	1	3	3	1	4	4	5	6	8	9	14	8	9	8	11	9	10	7	5	3	2	1	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	2	3	4	7	16	20	16	16	16	10	23	23	21	19	16	21	20	15	8	4	1	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	1	4	8	7	12	21	27	26	36	44	21	32	44	38	30	19	12	11	10	9	4	1	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	1	2	4	8	12	8	19	22	24	42	33	34	49	46	25	19	31	17	30	3	5	2	1	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	2	4	8	8	10	16	19	9	13	20	19	13	4	16	23	10	10	9	4	2	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	1	4	8	10	7	17	25	15	30	9	36	32	23	22	16	20	18	12	10	6	2	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	1	4	7	17	22	37	39	44	35	36	33	38	39	49	32	33	31	27	12	7	3	3	1	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	1	2	2	7	7	18	26	24	23	27	28	35	26	28	37	21	27	19	14	9	5	2	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	2	4	6	9	3	7	16	22	19	17	17	18	23	23	30	27	16	13	13	9	6	2	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	2	5	6	15	16	21	20	47	25	28	36	25	27	32	28	29	23	24	14	7	3	1	1	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	1	3	4	8	18	41	38	34	39	39	39	34	51	43	39	18	25	37	11	19	12	7	3	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	2	4	8	12	16	19	21	16	31	41	23	31	26	26	41	33	23	10	9	6	5</														

Daily MW Generation on Tuesday

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 Co-Gen		53	51	55	52	52	51	50	49	48	45	41	37	38	37	38	39	40	40	39	38	35	34	34	34	33	33	32	31	33	31	34	31	33	34	36	52	49	53	55	54	53	54	55	53	54	54	54	55	
Total Gen		15293	14804	14471	14248	14010	13773	13552	13251	13248	13042	13012	12967	12986	13182	13165	13186	13649	14689	15232	15566	15958	16217	16417	16532	16362	16302	16247	16536	16733	16799	16944	16905	16847	16827	16449	16041	15514	15489	15881	16629	16581	16520	16293	16132	15910	15751	15581	15319	
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	-29	-30	-28	-30	-29	-30	-30	-28	-28	-29	-29	-29	-29	-30	-30	-29	-29	-29	-29	-29	-28	-28	-30	-29	-29	-30	-30	-28	-28	-28	-28	-28	-30	-30	-30	-29	-29	-28	-30	-28	-28	-28	-28	-30	-30	-30	-30	
TIE-PLTG		51	37	7	44	52	-9	4	-81	24	-13	-25	-28	-31	-11	-28	-33	-13	-1	-102	-102	-65	-37	-76	-45	0	-18	2	-52	-53	-59	-14	-57	-10	-17	5	-2	81	20	-1	-28	3	14	-40	-51	-38	-26	-1	15	
Interconnection		21	8	-23	16	22	-39	-26	-111	-7	-41	-53	-57	-60	-40	-58	-63	-43	-30	-131	-131	-94	-66	-104	-72	-30	-47	-27	-82	-83	-86	-42	-85	-39	-45	-25	-32	51	-9	-30	-56	-27	-14	-68	-79	-66	-54	-31	-16	
System Total		15279	14803	14501	14239	13995	13819	13585	13369	13262	13090	13072	13031	13053	13229	13230	13256	13699	14726	15370	15704	16059	16290	16528	16611	16399	16356	16281	16625	16823	16892	16993	16997	16893	16879	16481	16080	15470	15505	15918	16692	16615	16541	16368	16218	15983	15812	15619	15342	
SRev ST-Coal		239	323	530	545	736	860	857	863	858	854	864	875	907	905	836	836	800	508	530	214	188	188	171	181	183	184	179	167	192	193	214	179	185	183	186	183	185	195	168	177	199	220	207	230	231	229	217	237	
SRev CCGT-Gas		700	1071	809	917	966	818	913	991	892	777	816	838	805	856	870	862	874	799	526	712	445	425	348	391	553	548	564	407	431	426	283	314	335	318	490	712	1184	1107	771	325	383	422	577	491	461	471	620	649	
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	1	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		638	487	638	825	825	825	825	825	825	825	825	825	825	825	825	825	825	825	825	825	548	699	699	512	512	638	638	699	512	361	512	512	512	512	512	699	699	699	825	548	338	338	338	425	425	512	512	512	361
Hydro		204	350	235	152	155	117	142	112	147	113	247	115	114	116	118	115	135	182	132	136	325	199	253	310	341	293	295	269	361	442	349	380	386	375	274	279	284	215	449	430	437	439	438	279	294	152	185	325	
S.Reserve Total		1781	2231	2212	2439	2682	2620	2737	2791	2722	2569	2601	2653	2651	2702	2649	2638	2634	2314	2013	1887	1506	1511	1471	1394	1589	1663	1676	1542	1496	1422	1358	1386	1418	1388	1649	1873	2352	2342	1936	1270	1357	1419	1647	1425	1498	1364	1534	1572	