

Daily System Generation Summary on Tuesday

Tuesday, April 12, 2022

Availability at Daily Maximum Demand Hour

ST-Coal	0 MW
ST-Gas	0 MW
ST-Oil	0 MW
Hydro	2,027 MW
Distillate	444 MW
Total TNB	2,471 MW
Total IPP	17,522 MW
Total Co-Gen	0 MW
Total System	23,237 MW

Generation Mix

Type	MWh	Percentage
Hydro	15,087	4.01 %
Distillate	6,014	1.60 %
Gas	46,384	12.32 %
Total TNB	67,485	17.92 %
ST-Coal	203,058	53.91 %
ST-Gas	1,479	0.39 %
ST-Oil	1,758	0.47 %
LSS	4,186	1.11 %
Distillate	4,984	1.32 %
Gas	91,371	24.26 %
Total IPP	306,836	81.47 %
Co-Gen	1,030	0.27 %
Total Co-Gen	1,030	0.27 %
Total Generation	375,351	99.66 %
PLTG	-589	-0.16 %
HVDC	-697	-0.19 %
Interconnection	-1,286	-0.34 %
Net Energy	376,637	100.00 %

Maximum Demand Record

Date: 3/29/2022	18,840 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	19,101 MW
TNB Generation	3,669 MW
IPP Generation	14,066 MW
Spinning Reserve	1,320 MW
Maximum Demand	17,849 MW
Net Energy	376,637 MWH
Load Factor	87.92 %

Fuel Cost

Total Cost:	102,100,917.77 RM
Cost per Unit	27.20 cents/kWH

Average Spinning Reserve During Peak Hour

Type	MW
GT	582
Hydro	393
Syncon	377
Thermal	159
Total	1,511

Time	Weather	Temperature
Afternoon	Hot	32
Morning	Sunny	28

Gas Usage

Station	(mmscfd)
GLGR	30
TJGS	98
Total TNB	128
CBPS	45
EMPP	202
NPRI	138
PCGP	73
PGLA	55
PLPS	47
SGRI	24
SPGP	164
PKLG	15
Total IPP	763
Total Gas	891
Total Gas Required	1,070

Alternate Fuel Usage

Station	(mmscfd)
PGLA	40
PGLA	40
PLPS	16
TJGS	64
PKLG	18
Total	179

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	15059	14326	13872	13449	13264	13314	13512	13303	13922	15410	16230	16724	16660	16558	17297	17786	17842	17170	16489	16289	17020	17360	16972	16488

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	706	706	703	705	705	708	707	707	704	708	706	707	705	703	705	703	706	705	705	706	705	703	704	705	707	703	704	705	707	709	707	705		
JMAH	U002	705	706	706	706	703	705	703	706	704	705	708	700	706	709	702	704	705	705	710	705	706	705	705	708	705	704	705	706	705	704	706	705		
JMHE	U002	977	982	979	880	882	880	879	882	878	877	881	882	880	880	876	879	880	969	975	979	979	979	983	978	980	981	974	979	981	983	979	982	981	
JMJG	U001	672	672	672	672	676	672	671	673	667	673	671	672	672	673	674	673	672	671	671	671	673	669	671	670	671	672	671	671	674	672	671	667	673	
JMJG	U002	551	547	549	550	550	551	549	549	552	553	546	556	551	548	549	564	562	558	557	553	563	561	559	562	557	560	562	563	557	560	555	557		
JMJG	U003	665	667	666	670	659	664	662	672	669	667	667	668	671	667	674	666	667	663	666	668	670	666	672	661	665	667	668	655	666	668	669	662	662	
JMJG	U004	744	747	746	747	746	746	747	751	747	745	747	746	745	746	744	747	747	743	746	765	792	799	813	841	853	854	853	853	877	901	899	900	898	
JMJG	U005	971	972	975	900	873	880	873	874	873	874	876	876	873	876	872	879	880	946	979	983	979	978	978	977	969	980	976	976	979	979	978	975	979	
PKLG	U003	147	147	147	149	250	282	281	285	278	280	281	284	279	281	281	280	280	280	280	277	279	277	280	279	279	274	276	277	277	276	277	278	278	
PKLG	U004	270	266	275	274	275	272	271	272	268	271	271	272	274	273	272	274	274	273	273	203	209	237	264	272	287	267	272	273	274	270	268	272	266	
PKLG	U005	466	468	464	468	467	464	468	464	464	466	470	468	466	458	473	476	469	467	467	466	467	472	468	465	464	466	468	472	466	465	464	467	466	
PKLG	U006	440	442	444	445	445	442	446	445	443	444	442	446	448	445	446	446	442	440	443	445	445	445	444	441	425	443	442	446	438	442	445	443	442	
TBIN	U002	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
TBIN	U003	700	704	702	699	701	701	703	700	701	700	706	701	702	701	699	702	701	698	700	700	700	700	700	700	700	700	700	700	700	700	702	699	702	
TBIN	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	0	0	0	
Total ST-Coal		8014	8026	8028	7865	7932	7967	7960	7980	7948	7963	7972	7978	7974	7963	7965	7995	7984	8120	8169	8100	8143	8191	8222	8233	8249	8263	8469	8433	8518	8578	8644	8685	8589	
PKLG	U001	0	0	0	0	0	0	0	0	0	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-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	
PKLG	U001	0	0	0	0	0	10	20	29	31	39	61	91	90	117	154	153	167	216	218	217	217	212	161	151	151	152	150	151	0	0	0	0	0	0
Total ST-Gas		0	0	0	0	0	10	20	29	31	39	61	91	90	117	154	153	167	216	218	217	217	212	161	151	151	152	150	151	0	0	0	0	0	0
CBPS	BLK2	223	223	229	224	224	222	222	223	219	221	221	217	224	223	210	223	225	224	226	221	237	358	366	357	349	258	227	228	220	364	363	362	360	
EMPP	BLK2	645	711	715	697	697	686	697	647	646	665	625	623	677	666	587	410	561	710	703	698	712	709	714	710	714	710	708	714	704	712	710	714		
EMPP	BLK3	646	711	715	697	696	688	697	647	647	665	625	623	677	666	587	409	563	709	709	712	711	711	711	703	698	712	710	714	709	708	709	708		
GLGR	GT02	93	93	93	93	93	93	92	93	92	93	93	93	93	93	93	93	93	93	92	93	92	93	93	93	93	93	93	94	93	94	93	92		
GLGR	ST1C	40	40	40	40	39	41	41	41	40	40	40	40	39	39	39	40	39	39	39	39	40	40	40	40	40	40	40	40	40	40	40	40	40	
NPRI	BLK1	314	321	325	318	319	318	319	315	314	315	319	317	320	396	377	390	398	511	517	516	514	515	516	506	505	517	448	472	514	515	514	514	517	
NPRI	BLK2	314	320	327	319	319	320	317	316	317	316	319	316	320	398	380	392	399	515	521	517	518	518	520	510	506	525	450	472	518	518	518	518	522	
PCGP	PGRG	424	263	269	262	263	262	261	262	261	260	261	260	262	260	262	260	261	259	397	606	603	607	594	588	611	603	608	604	602	604	603	603	610	
PGLA	GT11	175	178	179	176	178	177	177	176	175	177	176	177	176	177	176	175	177	227	225	228	223	221	217	216	223	221	221	224	221	221	221	222	203	
PGLA	GT12	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
PGLA	ST10	197	197	198	197	198	198	197	197	196	196	196	196	198	197	195	197	229	228	229	229	229	227	227	227	225	229	227	229	224	227	228	227	229	
PLPS	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	0	0	0	0	0	0	0	
PLPS	GT13	137	136	139	137	137	123	124	124	125	124	124	125	125	125	124	125	125	125	125	124	125	121	123	123	123	112	113	112	112	112	112	112	112	
PLPS	ST18	201	196	134	136	91	59	58	57	57	57	57	58	58	58	58	58	58	58	58	58	58	58	58	58	58	58	58	58	58	58	58	58	58	
SGRI	GT13	103	105	103	105	105	103	103	99	100	103	103	104	104	101	98	100	104	101	105	100	104	105	104	100	100	108	104	104	100	105	107	110	103	
SGRI	ST14	55	54	62	53	56	55	54	61	58	55	56	52	57	55	57	55	54	61	58	56	60	51	59	54	54	58	54	57	58	59	62	55	61	
SPGP	BLK1	724	549	601	601	600	452	362	361	362	361	363	361	362	362	361	362	362	362	444	648	721	721	720	723	719	599	599	715	714	711	709	719	722	
SPGP	BLK2	722	549	599	600	598	450	362	363	361	361	362	363	362	363	361	363	362	362	439	647	716	722	725	725	719	596	597	708	715	706	701	719	724	
TJGS	GT1A	124	124	124	178	173	176	174	177	171	173	172	172	171	172	175	174	172	173	170	171	173	173	174	229	191	171	171	173	230	195	197	197	224	
TJGS	GT1B	120	117	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
TJGS	ST1C	164	76	66	86	89	89	89	89	89	89	89	89	89	89	89	89	89	89	89	89	89	89	89	89	89	89	89	89	89	89	89	89	89	
TJGS	GT2A	130	130	130	130	130	130	130	130	130	130	130	130	130	130	130	130	130	130	130	130	130	130	130	130	130	130	130	130	130	130	130	130	130	
TJGS	GT2B	126	126	126	126	126	125	125	125	125	125	125	125	126	123	129	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
TJGS	ST2C	195	195	195	195	195	195	195	195	195	195	195	195	195	195	187	221	235	235	235	232	232	232	232	232	235	232	232	232	232	232	232	232	232	
Total CCGT-Gas		5872	5414	5369	5370	5326	4962	479																											

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
BSIA	HY03	23	23	23	23	23	23	23	23	23	23	23	23	23	23	23	23	23	23	23	23	23	23	23	23
CEND	HY01	10	9	9	9	10	10	10	9	10	10	10	10	10	10	10	9	9	9	9	9	9	9	10	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	8	7	7	7	7	8	8	7	7	7	7	7	7	7	7	8	7	7	7	7
HTRG	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
HTRG	HY02	62	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
HTRG	HY03	7	7	7	7	7	7	7	7	7	7	7	7	7	7	3	3	3	3	3	3	4	4	4	4
HTRG	HY04	7	7	7	7	7	7	7	7	7	7	7	7	7	7	3	3	3	3	3	3	3	3	3	3
KNRG	HY01	24	25	25	24	0	0	0	0	0	0	33	34	34	34	34	35	34	34	34	34	34	34	34	34
KNRG	HY02	24	24	25	24	25	24	24	25	24	25	38	38	38	38	38	38	38	37	38	38	37	37	37	37
KNRG	HY03	22	23	23	22	23	22	23	22	22	22	36	36	36	36	36	36	36	36	36	36	36	36	36	36
LPIA	HY01	14	14	14	14	14	14	14	14	14	14	14	14	14	17	17	19	19	19	19	19	20	20	20	20
LPIA	HY02	14	14	14	14	14	14	14	14	14	14	14	14	14	17	19	19	19	19	19	19	20	20	20	20
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	HY03	21	20	21	21	20	21	21	21	21	21	22	21	22	113	20	21	21	21	22	22	21	82	82	82
PGAU	HY04	21	21	21	21	20	21	21	21	20	20	20	21	21	83	81	81	81	81	82	82	21	82	81	81
SIHY	HY02	50	50	30	30	30	30	30	30	30	30	0	0	0	0	0	0	0	30	30	30	30	30	30	30
SIHY	HY03	50	50	30	30	30	30	30	30	30	30	0	0	0	0	0	0	0	30	30	30	30	30	30	30
SYPS	HY01	25	25	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	17	17	17	17	17	17	17
SYPS	HY03	25	25	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	17	17	17	17	17	17	17
SYPS	HY04	25	25	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	17	17	17	17	17	17	17
TMGR	HY01	35	35	35	35	43	76	73	58	53	54	42	59	50	38	43	86	42	85	69	84	84	43	41	40
TMGR	HY02	45	69	87	45	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	84	84	83	81	83	83
TMGR	HY03	41	63	83	41	40	41	41	41	41	41	41	40	36	40	47	41	83	65	84	84	81	39	38	41
TMGR	HY04	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	82	82	82	82	81	80	82
UJLI	HY01	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	152	176	173	182	105	96
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	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4
UPIA	HY02	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
Total Hydro		590	573	498	411	350	383	382	365	359	361	361	348	366	297	278	288	341	289	441	556	589	674	742	727
PGLA	GT12	181	180	181	180	182	181	181	181	181	181	180	180	180	181	181	181	212	212	211	212	210	209	207	209
PLPS	GT11	137	103	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
PLPS	GT12	142	144	148	144	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TJGS	GT2A	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TJGS	GT2B	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 Distillate		460	427	329	324	182	181	181	181	181	181	180	180	180	181	181	589	651	652	649	639	638	637	634	639
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	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
BSLS	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
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
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	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
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	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
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	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
KRLS	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

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		
MCLS	LSS1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	6	13	19	26	33	38	30	28	42	50	50	50	50	47	46	42	37	29	2	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	0	1	4	8	12	23	22	22	28	38	45	48	27	48	14	38	40	39	43	13	5	4	5	3	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	0	0	0	0	0	0	0	35	39	41	27	22	23	37	31	38	26	31	21	23	11	8	4	1	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	1	4	11	16	19	19	7	23	10	10	27	29	29	29	10	26	21	2	0	1	1	1	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	1	11	18	26	30	30	18	30	29	27	26	27	29	18	9	30	30	30	30	27	19	10	3	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	15	68	140	225	320	378	421	495	480	521	553	549	489	502	549	516	533	492	396	306	200	140	62	23	4	0	0	0	0	0	0	0	0	
PCUF	CUFG	22	24	23	24	24	24	24	23	24	23	24	26	25	25	26	25	24	23	22	22	22	21	21	20	21	20	20	21	20	20	19	19	20	22	23	24	23	23	25	24	24	24	23	24	24	24			
PCUF	CUFK	26	25	5	4	4	5	7	5	4	4	6	7	7	6	5	11	26	26	26	26	26	25	28	27	27	26	26	25	28	26	27	27	26	26	26	25	25	26	26	27	26	24	26	25	26	24	27		
Total Co-Gen		48	49	28	28	28	29	31	28	28	27	30	31	33	31	30	37	51	50	49	48	48	47	49	48	47	47	46	46	46	48	46	46	46	46	48	49	49	49	51	51	50	48	49	49	50	51	51		
Total Gen		14984	14489	14252	13998	13818	13532	13371	13280	13229	13290	13255	13263	13407	13476	13279	13213	13815	14684	15350	15869	16168	16454	16660	16811	16613	16457	16460	16899	17238	17583	17721	17781	17765	17616	17168	16621	16467	16234	16264	16570	16986	17317	17327	17291	16961	16797	16456	16047	
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		-28	-29	-29	-30	-30	-29	-29	-29	-30	-30	-29	-29	-28	-28	-29	-29	-29	-29	-29	-29	-29	-29	-29	-29	-29	-29	-29	-29	-29	-29	-29	-29	-29	-29	-29	-29	-30	-28	-28	-30	-28	-31	-29	-29	-30	-30	-29		
TIE-PLTG		-47	-72	-45	-27	-24	-26	-49	-40	-6	-29	-29	-13	-76	22	4	-8	-78	-12	-31	-37	-33	-11	-35	13	-18	-48	-69	-60	-30	-65	-37	-40	-48	-51	27	-7	8	64	3	-30	-4	-56	-2	-7	18	23	-2	-58	
Interconnection		-75	-100	-74	-56	-54	-55	-78	-69	-35	-59	-59	-43	-105	-6	-24	-38	-107	-41	-60	-66	-62	-39	-64	-17	-47	-76	-98	-89	-59	-94	-65	-68	-77	-80	-2	-37	-22	34	-25	-58	-34	-83	-33	-36	-11	-6	-32	-87	
System Total		15059	14589	14326	14054	13872	13587	13449	13349	13264	13349	13314	13306	13512	13482	13303	13251	13922	14725	15410	15935	16230	16493	16724	16828	16660	16533	16558	16988	17297	17677	17786	17849	17842	17696	17170	16658	16489	16200	16289	16628	17020	17400	17360	17327	16972	16803	16488	16134	
SRev ST-Coal		114	102	100	243	290	265	264	249	274	258	257	250	249	264	256	235	248	152	103	86	53	131	100	109	123	159	103	189	104	144	128	97	233	214	235	106	173	138	113	184	211	125	119	127	192	177	255	122	
SRev 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	41	42	43	-1	-1	1	1	1	0	-3	-1	-2	-2	-2	-2	-2	-2	-2	-2		
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		
SRev CCGT-Gas		1743	2201	2026	1824	1868	2158	2323	2423	2438	2401	2469	2485	2356	2233	2449	2540	2123	1459	1077	687	521	404	462	359	511	736	923	730	479	431	429	415	331	323	504	1129	1023	1173	1222	1063	717	481	501	499	866	1189	1511	1933	
SRev ST-Gas		0	0	0	0	0	31	30	32	32	33	33	35	35	37	39	39	39	43	43	43	43	42	40	39	39	39	39	39	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SRev Distillate		57	90	45	50	49	50	50	50	50	51	51	51	50	50	86	24	23	26	36	37	38	41	36	39	41	38	37	36	36	37	38	36	35	39	39	71	64	163	62	62	62	137	194	100	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
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		501	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	
Hydro		552	444	444	531	464	431	432	449	455	453	466	448	417	436	426	373	425	313	286	253	256	363	378	477	463	465	473	510	533	444	458	423	502	656	602	518	567	474	299	300	301	322	333	376	332	374	415		
S.Reserve Total		2967	3425	3203	3236	3347	3611	3775	3879	3925	3871	3939	3963	3815	3677	3906	4002	3483	2778	2238	1726	1495	1371	1506	1421	1689	1938	2068	1968	1670	1499	1394	1320	1335	1388	1748	2190	2098	2252	2284	1919	1475	1154	1264	1338	1719	1883	2325	2655	