

Daily System Generation Summary on Friday

Friday, May 7, 2021

Availability at Daily Maximum Demand Hour

ST-Coal	0 MW
ST-Gas	0 MW
ST-Oil	0 MW
Hydro	2,000 MW
Distillate	0 MW
Total TNB	2,000 MW
Total IPP	14,273 MW
Total Co-Gen	0 MW
Total System	20,252 MW

Generation Mix

Type	MWh	Percentage
Hydro	26,336	7.17 %
Gas	68,233	18.59 %
Total TNB	94,569	25.76 %
ST-Coal	198,980	54.20 %
LSS	2,892	0.79 %
Gas	70,331	19.16 %
Total IPP	272,203	74.15 %
Co-Gen	164	0.04 %
Total Co-Gen	164	0.04 %
Total Generation	366,936	99.96 %
PLTG	-891	-0.24 %
HVDC	727	0.20 %
Interconnection	-164	-0.04 %
Net Energy	367,100	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	18,396 MW
TNB Generation	4,490 MW
IPP Generation	12,742 MW
Spinning Reserve	1,158 MW
Maximum Demand	17,249 MW
Net Energy	367,100 MWH
Load Factor	88.68 %

Fuel Cost

Total Cost:	53,387,836.64 RM
Cost per Unit	14.54 cents/kWH

Average Spinning Reserve During Peak Hour

Type	MW
GT	687
Hydro	363
Syncon	165
Thermal	169
Total	1,384

Time Weather Temperature

Afternoon	Hot	32
Morning	Sunny	26

Gas Usage

Station	(mmscfd)
GLGR	53
TJGS	193
Total TNB	246
CBPS	51
KLPP	42
NPRI	156
PLPS	55
SGB3	24
SKSP	47
YPKA	59
Total IPP	435
Total Gas	681
Total Gas Required	681

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	14985	14413	13823	13349	13183	13176	13129	13022	13355	14917	15707	16209	16159	16018	16512	17124	17134	16775	15962	16129	16643	16788	16370	16027

Prepared By: -Select Name-

Checked By: -Select Name-

Printed on: Friday, June 4, 2021 9:46:32 AM

(Ir. Shanmugam Thoppalan)
Head
Grid System Operator

Daily MW Generation on Friday

		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	693	693	693	693	692	693	693	695	693	692	693	693	693	691	689	698	692	692	692	692	692	688	699	692	689	693	693	693	693	692	691	693	690	693	691	692	693	692	691	693	693	693								
JMHE	U001		43	43	40	133	136	377	515	754	697	805	696	739	667	608	560	510	638	665	655	643	644	649	595	592	615	752	883	976	981	981	978	975	981	980	975	973	979	980	983	981	977	973	977	983	976	976	976	976			
JMHE	U002		984	978	977	980	981	954	848	848	849	849	850	851	850	851	852	849	853	847	975	977	979	982	983	981	979	980	979	979	980	979	981	978	980	980	977	976	976	981	983	982	979	975	979	981	975	977	978	979			
JMJG	U001		671	669	668	673	670	668	669	669	667	662	672	668	671	669	669	672	664	666	672	669	668	672	669	671	671	672	668	668	670	667	666	669	671	672	664	660	672	668	672	667	670	670	667	671	662	669	667				
JMJG	U002		0	0	0	0	0	0	0	0	0	0	0	147	200	338	407	453	517	573	651	665	681	671	651	653	648	650	649	651	642	652	651	647	645	645	656	662	657	675	667	672	671	678	675	672							
JMJG	U003		671	670	671	670	671	675	665	667	665	667	669	663	666	668	665	667	666	665	666	666	669	664	667	663	668	667	666	667	666	666	667	668	667	666	666	656	671	667	668	666	664	667	666	664	666	663	666				
JMJG	U005		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	106	151	170	181	244	261	320	351	403	421	490	552	603	647	749	751	762	752	749	807	891	892	888	892	892
PKLG	U003		275	274	273	269	272	273	271	270	271	263	271	269	269	270	273	272	272	271	272	269	269	269	267	268	267	268	269	268	247	196	205	205	205	206	206	206	205	205	205	206	207	207	205	205	206	204	205	204			
PKLG	U004		277	277	275	276	278	283	272	274	277	275	282	280	280	280	277	275	280	289	275	276	276	271	274	273	276	282	281	280	273	267	200	195	216	248	276	277	275	276	277	277	276	277	274	274	277	280	276	281			
PKLG	U006		445	449	446	446	449	446	447	450	448	447	449	451	446	448	447	449	449	449	450	450	445	446	448	448	449	448	449	446	449	452	446	449	452	446	449	450	449	449	450	449	449	449	449	449	452	450					
TBIN	U001		691	689	691	689	689	689	689	691	687	692	690	688	689	689	688	690	691	690	690	677	685	686	689	689	689	688	687	690	691	689	685	689	685	689	689	690	690	690	694	689	689	689	689	687	688	690	690				
TBIN	U002		691	689	697	691	694	695	693	691	692	693	693	693	692	690	691	693	692	692	691	688	690	692	690	691	688	690	689	690	690	691	687	686	691	689	690	694	692	692	690	690	690	689	689	692	689	692	689	692			
TBIN	U003		683	689	689	687	686	700	692	687	691	684	577	513	498	498	499	498	499	501	501	503	503	503	502	501	499	498	496	494	495	497	498	499	505	500	500	500	501	498	496	647	684	689	690	694	693	692	687	692			
TBIN	U004		982	982	981	982	982	973	887	853	854	852	853	853	853	854	851	852	852	853	892	983	982	982	983	981	980	982	983	982	982	982	981	984	985	983	982	982	984	978	980	980	981	980	981	980	981	982	978				
Total ST-Coal			7105	7102	7101	7189	7201	7426	7340	7547	7493	7582	7394	7361	7273	7216	7316	7318	7584	7688	7881	8029	8071	8162	8121	8238	8300	8468	8584	8726	8722	8730	8695	8739	8790	8893	8965	9020	9062	9176	9184	9360	9367	9373	9436	9533	9523	9526	9527	9532			
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		352	354	362	354	357	354	361	311	224	224	223	223	237	355	364	356	363	363	363	360	360	360	360	357	352	361	362	365	362	362	355	354	353	356	364	363	357	362	360	352	349	346	352	354	358						
EMPP	BLK2		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	82	78	177	177	179	179	179	0	0	0	0	177					
EMPP	BLK3		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	94	96	96	96	96	96	96	96	95	96	0	0	0	0	0	0	0	96	96	96	96	0	0	0	0	0	0	0				
GLGR	GT01		69	67	68	68	68	68	67	68	68	67	68	69	69	67	69	68	70	75	104	105	109	109	107	109	108	107	106	106	107	106	105	107	108	108	108	109	109	109	108	106	108	109	102	67	68	66					
GLGR	GT02		69	68	68	68	68	68	68	68	68	68	68	68	68	69	68	68	68	76	105	103	108	108	108	108	107	107	107	107	107	107	107	106	105	105	104	106	106	106	106	106	106	106	106	101	67	68	67				
GLGR	ST1C		72	72	72	72	72	72	72	72	72	72	72	72	72	72	72	73	93	94	96	97	96	97	97	97	97	97	97	97	97	98	97	98	97	98	98	98	98	97	97	98	97	96	73	72	72						
KLPP	GT13		109	105	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0						
KLPP	GT14		112	112	114	80	0	0	0	0	0	0	0	0	0	0	0	0	0	0	40	143	136	112	113	113	113	109	107	113	112	112	126	149	150	112	112	0	0	0	0	0	0	0	0	0	0	0					
KLPP	GT15		105	105	105	105	105	105	105	105	105	105	105	105	105	105	105	105	105	105	105	105	142	142	110	110	110	110	110	110	110	110	110	110	110	110	110	110	110	110	30	0	0	0	0	0	0	0	0				
KLPP	ST17		182	182	127	114	61	62	63	61	63	62	62	63	63	62	62	64	63	66	65	142	140	125	123	126	126	125	114	118	118	118	128	133	132	118	119	68	32	0	0	0	0	0	0	0	0	0					
NPRI	BLK1		511	502	514	506	514	500	516	500	515	395	522	515	520	521	408	398	402	514	515	511	520	520	518	520	520	506	503	517	518	520	515	515	512	512	511	513	519	520	514	520	516	501	510	502	499	510	513				
NPRI	BLK2		515	507	518	509	518	502	518	504	450	505	522	534	464	442	347	442	414	513	512	511	517	518	518	519	505	502	519	517	518	512	515	510	510	509	512	517	518	511	518	514	499	508	499	498	509	511					
PCGP	PGRG		261	260	260	260	261	261	261	261	259	260	265	262	260	262	261	261	267	397	396	393	396	398	418	399	402	402	389	390	400	398	401	395	396	390	388	393	392	401	393	403	397	401	393	393	392	393	351	350	352		
PLPS	GT11		112	111	128	129	129	129	128	129	128	129	129	129	129	129	128	129	129	129	129	128	124	127	124	111	111	108	106	112	111	111	111	112	109	108	109	112	112	111	107	112	129	111	116	126	127	129	129				
PLPS	GT12		50	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	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	107	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 Friday

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																									
YPKA	GT12	136	137	139	137	69	69	69	69	69	69	69	69	69	69	69	68	130	132	133	134	132	69	69	69	69	68	129	113	127	68	128	95	68																
YPKA	ST10	120	120	122	68	35	33	33	33	33	33	33	33	33	89	100	100	101	117	81	80	80	79	79	80	80	112	113	113	112	105	78	78	79	78	32	33	54	51	53	31	52	41	31						
YPKA	GT21	66	66	65	66	65	65	66	66	66	66	66	66	66	67	66	67	66	67	67	67	67	67	67	67	67	67	67	67	66	67	66	67	119	108	107	66	120	65	66										
YPKA	ST20	38	38	38	37	37	37	38	37	37	38	38	38	38	37	37	37	39	39	40	40	40	40	40	40	40	40	40	40	40	41	40	41	40	41	41	60	58	57	39	57	40	39							
Total CCGT-Gas		6516	6258	6114	5764	5499	5229	4989	4806	4709	4637	4791	4755	4896	4879	4663	4683	4684	5658	6104	6239	6391	6473	6593	6420	6359	6133	5996	5963	6126	6364	6713	6797	6704	6577	6410	5999	5716	5561	5835	5910	5983	6181	6051	5925	5696	5498	5376	5526	
Total 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	
BSIA	HY01	20	20	21	12	11	0	0	0	0	0	0	0	0	0	0	0	11	11	11	11	11	11	11	11	11	11	11	11	22	22	22	22	22	22	22	22	22	21	21	21	21	21	21	21	21	21			
BSIA	HY02	23	22	23	12	13	23	13	12	13	13	13	13	13	13	12	12	12	12	12	12	12	12	12	12	12	12	12	12	23	23	23	23	23	23	23	23	23	23	23	23	23	23	23	23	23	23	23		
BSIA	HY03	22	22	22	11	11	0	0	0	0	0	0	0	0	0	0	0	11	11	11	11	12	11	12	11	11	11	11	12	22	23	23	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22		
CEND	HY01	10	10	9	10	10	9	10	9	10	10	10	9	10	10	9	9	10	10	9	9	9	10	10	9	9	9	10	9	10	10	9	10	9	9	9	10	10	9	9	9	9	9	9	9	10	10	10		
CEND	HY02	9	10	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	10			
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	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9			
CEND	HY04	8	8	8	8	8	8	7	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	7			
HTRG	HY01	122	122	121	122	123	122	122	122	122	122	122	123	123	123	122	122	123	63	124	123	123	122	122	122	122	122	122	122	123	123	122	122	123	122	121	123	122	63	62	122	123	122	122	123	122	63	0		
HTRG	HY02	122	121	121	122	122	122	122	121	122	122	122	122	122	121	121	122	63	63	122	122	122	122	123	121	122	122	122	122	120	121	122	122	122	121	121	122	123	62	122	121	121	122	121	121	63	-1			
KNRG	HY01	36	36	36	36	25	0	0	0	0	0	0	0	0	0	0	0	24	25	25	25	25	25	25	25	25	25	25	24	25	24	25	25	25	25	24	25	25	25	24	22	22	22	22	22	22	22	22		
KNRG	HY02	37	37	37	37	24	0	0	0	0	0	0	0	0	0	0	0	24	25	24	25	25	24	24	24	24	24	24	24	24	24	25	24	24	24	24	24	24	25	25	24	25	24	24	20	20	37	37	21	
KNRG	HY03	36	36	36	36	23	38	38	38	38	38	38	38	38	38	38	38	24	24	24	25	25	24	24	24	24	24	24	24	24	24	24	24	24	24	24	24	25	24	24	25	24	24	22	22	36	36	22		
KNYR	HY01	96	98	98	98	98	96	99	97	97	100	100	98	99	100	98	100	100	100	100	96	97	99	97	99	98	99	98	97	100	100	100	100	100	100	97	100	98	100	98	97	100	100	96	97	95	96	95	98	
KNYR	HY02	95	98	98	98	98	96	99	97	97	101	101	98	99	100	98	100	100	99	100	96	97	99	97	98	98	98	98	97	100	100	101	100	99	99	97	100	98	100	97	97	99	100	96	97	95	95	90	59	
KNYR	HY03	95	97	98	98	98	96	99	97	96	101	101	98	99	100	98	100	100	96	96	99	97	98	98	98	98	97	100	99	100	100	99	99	97	99	98	99	97	96	99	99	95	97	95	95	95	97	97	97	
KNYR	HY04	96	98	99	99	99	97	100	98	98	102	102	99	100	101	99	101	101	100	101	57	98	101	99	100	100	100	98	102	101	102	102	101	101	99	101	100	101	99	98	101	101	97	98	96	97	96	99		
LPIA	HY01	18	18	18	18	18	18	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	18	18	18	18	18	18	18	18	18	18	18	18	19	18	18	19	19	19	19		
LPIA	HY02	19	19	19	19	19	19	17	16	16	18	18	18	18	18	18	18	18	18	18	18	18	18	18	18	18	18	18	18	18	18	18	18	18	18	18	18	18	18	18	18	18	18	18	18	18	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	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	21	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	19	-1	-1	-1	-1	-1	21	21	-1	-1	-1	-1	-1	21	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	
PGAU	HY03	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	21	0	0	0	0	0	21	21	21	21	21	21	21	21	0	0	0	0	21	21	21	21	0	0	0	0		
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	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31	0	0	0	0	
SIHY	HY02	30	30	0	0	0	0	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	31	31	31	31	31	31	31	31	31	31	31	31	31	0	0	0	0
SIHY	HY03	30	30	0	0	0	0	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	31	31	31	31	31	31	31	31	31	31	31	31	31	0	0	0	0
SYPS	HY01	17	17	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
SYPS	HY02	17	17	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
SYPS	HY03	17	17	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
SYPS	HY04	17	17	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	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	33	31	33	32	33	28	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	32	33	85	84	84	33	33	31	30	33	84	84	84	84	84	32	85	34	-1	34	85	84	83	84	82	82	84	43		
TMGR	HY02	45	41	52	42	86	42	86	41	88	44	56	43	62	45	44	44	88	44	43	45	46	46	43	76	44	44	41	41	57																				

Daily MW Generation on Friday

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
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	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
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
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
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
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
SPLS	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
SSLS	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
TBLS	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
Total 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
PCUF	CUFG	4	4	6	3	3	4	3	4	4	4	3	2	3	4	3	6	4	5	3	2	3	3	4	3
PCUF	CUFK	4	3	6	4	5	4	3	3	3	2	3	4	3	4	2	3	4	4	2	3	3	4	2	3
Total Co-Gen		8	7	12	7	8	8	6	7	7	6	7	8	6	3	5	7	8	8	7	6	10	8	9	4
Total Gen		14962	14600	14362	14045	13799	13614	13317	13239	13145	13135	13137	13020	13098	13101	12973	12927	13277	14341	14941	15291	15648	16025	16197	16311
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
TIE-HVDC		30	30	30	30	31	31	31	31	31	31	31	30	30	30	30	30	31	31	31	31	31	30	30	30
TIE-PLTG		-43	-45	-70	-54	-45	-24	-53	-20	-59	-45	-59	-40	-51	-17	-69	-54	-98	-14	3	-49	-79	-79	-32	-40
Interconnection		-12	-15	-41	-25	-14	7	-22	10	-28	-15	-29	-9	-21	13	-38	-23	-67	17	34	-19	-49	-49	-2	-9
System Total		14985	14625	14413	14080	13823	13617	13349	13239	13183	13160	13176	13039	13129	13099	13022	12961	13355	14334	14917	15320	15707	16084	16209	16330
SRev ST-Coal		136	139	140	135	126	142	301	299	301	320	367	308	371	309	353	294	388	366	245	169	165	163	155	168
SRev CCGT-Gas		1379	1207	910	1260	1105	1375	1615	1798	1895	1967	1813	1849	1708	1725	1941	1921	1920	946	695	610	631	641	588	910
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
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
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
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
Syncon		151	338	338	338	338	338	425	512	512	512	361	512	512	325	325	512	512	699	238	238	151	151	0	151
Hydro		533	447	345	395	389	315	197	213	156	182	298	196	169	275	289	184	137	194	92	481	373	306	266	439
S.Reserve Total		2199	2131	1733	2128	1958	2170	2538	2822	2864	2981	2839	2865	2760	2634	2908	2911	2957	2018	1731	1498	1407	1261	1160	1517