

Daily System Generation Summary on Thursday

Thursday, May 21, 2020

Availability at Daily Maximum Demand Hour

ST-Coal	0 MW
ST-Gas	0 MW
ST-Oil	0 MW
Hydro	2,522 MW
Distillate	0 MW
Total TNB	2,522 MW
Total IPP	17,358 MW
Total Co-Gen	0 MW
Total System	22,703 MW

Generation Mix

Type	MWh	Percentage
Hydro	12,073	3.36 %
Gas	35,100	9.76 %
Total TNB	47,173	13.12 %
ST-Coal	223,770	62.21 %
LSS	2,477	0.69 %
Gas	85,478	23.76 %
Total IPP	311,725	86.67 %
Co-Gen	309	0.09 %
Total Co-Gen	309	0.09 %
Total Generation	359,207	99.87 %
PLTG	218	0.06 %
HVDC	-697	-0.19 %
Interconnection	-479	-0.13 %
Net Energy	359,686	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:	15:00:00 Hour
Total Set On Bus	18,479 MW
TNB Generation	2,986 MW
IPP Generation	14,075 MW
Spinning Reserve	1,363 MW
Maximum Demand	17,108 MW
Net Energy	359,686 MWH
Load Factor	87.60 %

Fuel Cost

Total Cost:	57,741,134.23 RM
Cost per Unit	16.08 cents/kWH

Average Spinning Reserve During Peak Hour

Type	MW
GT	376
Hydro	317
Syncon	1,009
Thermal	187
Total	1,889

Time	Weather	Temperature
Afternoon	Hot	34
Morning	Sunny	28

Gas Usage

Station	(mmscfd)
GLGR	50
TJGS	198
Total TNB	249
CBPS	50
KLPP	82
NPRI	152
PGLA	105
PLPS	37
SKSP	48
YPKA	35
Total IPP	508
Total Gas	756
Total Gas Required	756

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	14957	14315	13728	13332	12972	12882	12832	12584	13067	14593	15469	16055	16139	16085	16797	17108	16929	16280	15401	15142	15639	15882	15649	15587

Prepared By: -Select Name-

Checked By: -Select Name-

Printed on: Friday, June 05, 2020 12:07:05 PM

(Ir. Shanmugam Thoppalan)
Pengurus Besar Kanan
Jabatan Sistem Operasi

Daily MW Generation on Thursday

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	691	689	705	692	691	691	691	693	689	690	688	693	694	691	693	693	687	689	689	692	692	692	691	693	692	692	692	693	692	693	692	693	692																
JMAH	U002	694	694	697	695	696	694	695	693	692	691	693	693	695	687	695	695	694	694	694	687	695	687	695	700	694	693	700	697	695	692	695	693	693	695	696	694	698	694	697	694	694	694	693	691	693	691	694	693	
JMHE	U001	981	982	983	979	979	982	924	800	800	798	800	801	800	802	800	800	798	798	875	901	981	978	977	976	983	978	979	934	979	981	979	980	983	986	976	976	978	980	982	980	980	988	981	978	980	978	978	975	
JMHE	U002	980	978	979	979	977	981	850	799	800	802	800	801	800	783	803	801	799	800	905	899	983	982	978	975	982	978	978	985	979	980	980	980	983	976	978	980	977	979	980	983	979	983	979	979	981	978	978	975	
JMJG	U001	641	513	518	517	518	514	515	514	517	520	520	592	642	645	640	643	644	639	640	649	642	640	634	639	645	624	609	612	617	612	609	612	618	618	618	617	618	623	618	615	622	615	616	617	621	613	616	618	
JMJG	U002	672	672	672	670	672	671	671	672	673	673	672	672	673	672	668	672	672	666	675	673	673	671	672	672	673	673	669	673	672	671	673	672	673	673	669	677	672	669	673	672	673	672	671	671	672	673	671		
JMJG	U003	670	671	670	669	667	668	665	666	668	672	669	668	668	667	668	678	667	667	668	669	662	667	668	667	672	667	668	667	670	666	671	666	668	665	667	666	668	670	669	668	669	671	663	671	668	667	668	669	
JMJG	U004	904	904	902	903	903	902	872	807	807	806	807	804	805	806	806	806	804	806	846	901	901	902	905	904	904	904	900	904	902	902	905	903	903	905	904	903	903	903	902	903	906	904	904	903	903	904	902		
PKLG	U003	280	281	283	280	282	280	281	281	281	282	280	282	281	281	245	208	233	260	281	282	281	280	281	281	282	280	280	278	280	280	277	278	280	280	280	280	281	280	281	277	279	277	279	276	278	279	280	279	280
PKLG	U004	281	280	281	281	279	277	279	281	279	280	270	278	282	281	249	206	233	263	276	280	275	279	280	280	281	282	274	276	272	280	281	279	280	274	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
PKLG	U005	466	467	466	466	467	466	469	467	467	467	467	469	468	468	434	408	434	474	466	466	355	325	368	357	357	357	359	357	359	359	358	359	359	359	395	463	468	469	468	466	468	467	464	466	469	466	468	467	
PKLG	U006	0	0	0	0	0	0	0	0	0	0	0	0	10	28	56	64	113	123	147	147	145	137	136	137	140	138	139	141	134	136	132	136	139	142	168	164	166	189	210	217	270	288	314	326	365	439	452		
TBIN	U001	689	688	691	687	690	689	689	690	691	690	690	690	693	690	689	692	689	691	687	686	690	690	689	691	689	689	689	689	692	688	687	689	689	687	686	691	691	691	689	692	689	688	690	690	687	630			
TBIN	U002	405	406	404	404	401	484	496	505	502	504	504	504	504	504	503	505	502	507	504	506	514	619	692	691	692	691	692	693	692	691	695	693	691	693	691	693	693	693	693	690	693	694	693	692	694	694	693	636	
TBIN	U004	982	982	982	982	983	983	947	859	804	803	803	804	803	804	803	802	803	803	846	902	973	982	984	982	984	983	982	983	981	982	982	983	983	981	982	983	982	982	982	981	983	982	982	982	982	983	982	983	
Total ST-Coal		9336	9207	9233	9204	9205	9282	9044	8727	8670	8678	8663	8751	8808	8791	8724	8665	8729	8874	9166	9339	9464	9541	9651	9642	9667	9630	9620	9572	9623	9613	9623	9612	9619	9629	9381	9473	9484	9493	9509	9520	9543	9602	9596	9623	9648	9675	9752	9646	
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	362	354	362	362	354	218	226	221	221	222	222	222	222	216	222	360	360	362	362	362	360	365	365	362	362	364	364	363	363	360	360	360	360	353	361	361	361	361	355	360	362	362	362	362	363	367	362		
GLGR	GT01	67	67	67	68	67	67	69	67	68	68	68	67	67	68	67	68	66	68	98	96	98	96	96	97	96	98	97	95	95	97	97	97	95	95	66	68	68	68	67	69	86	89	89	90	98	86	68		
GLGR	GT02	68	68	68	68	68	68	68	68	68	68	68	68	67	67	68	100	97	98	98	96	97	98	98	97	97	97	97	97	97	97	97	96	96	67	68	68	68	68	87	90	88	88	99	86	67				
GLGR	ST1C	70	70	70	70	70	70	70	70	70	70	70	70	70	70	70	70	83	86	86	86	86	86	86	86	86	88	87	87	87	87	86	85	71	70	70	70	70	80	81	80	81	86	81	70					
KLPP	GT13	119	119	118	118	118	119	119	119	119	119	119	120	120	118	120	119	122	122	135	134	135	137	134	137	138	136	135	136	136	138	138	136	137	136	136	124	121	120	126	136	139	138	137	139	139	139			
KLPP	GT14	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	44	152	151	142	148	151	155	155	156	156	155	155	156	154	156	156	133	133	128	141	150	150	156	157	158	156	158				
KLPP	GT15	9	10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	153	153	153	152	153	147	147	150	153	153	156	154	154	154	154	155	156	156	134	134	131	140	150	155	154	157	157	157	157				
KLPP	ST17	80	51	50	50	50	51	51	51	51	52	52	52	52	52	52	59	58	55	129	133	133	200	203	200	202	202	201	200	200	200	200	201	200	201	201	192	192	192	196	203	200	202	202	205	205	202			
NPRI	BLK1	508	502	507	507	502	508	401	395	398	398	398	392	398	398	325	319	323	511	512	515	511	515	509	508	509	511	514	514	514	514	515	514	510	514	505	516	511	515	515	507	517	514	515	512	510	515	514		
NPRI	BLK2	509	504	508	520	319	329	410	517	497	518	413	443	396	333	326	516	523	523	525	524	520	520	518	518	513	514	512	508	511	510	511	511	515	515	517	518	517	518	517	517	521	517	523	523	523				
PCGP	PGRG	600	593	599	602	590	599	601	602	602	602	603	404	404	406	405	501	601	603	602	596	606	597	596	596	599	603	619	603	602	603	598	599	615	586	601	602	604	602	591	606	601	602	600	596	603	601	603		
PGLA	GT11	189	162	161	168	160	166	163	165	164	164	163	164	170	166	163	164	162	169	212	198	196	213	161	195	187	195	203	214	190	207	201	175	190	189	156	189	194	212	175	164	214	203	210	202	202	213	209	212	
PGLA	GT12	213	187	186	192	185	190	188	191	189	189	189	189	195	191	187	188	186	194	238	224	221	238	184	221	210	221	229	240	216	234	226	198	216	214	179	214	218	238	198	187	240	230	235	225	227	237	236	237	
PGLA	ST10	229	202	204	204	202	202	206	204	202	202	204	204	204	20																																			

Daily MW Generation on Thursday

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	HY02	12	12	12	12	12	12	12	12	12	12	12	12	12	12	13	12	12	24	24	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12		
CEND	HY01	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8		
CEND	HY02	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
CEND	HY03	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8		
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	7	7	7	7	7	7	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	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1		
HTRG	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	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1		
KNRG	HY01	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	37	36	36	36	36	36	36	36	0	0	0	0	0	0	0	0	0		
KNRG	HY02	21	20	21	21	20	21	21	21	21	21	20	21	20	20	20	21	21	21	23	24	23	23	23	24	38	37	37	37	37	37	37	38	38	38	24	
KNRG	HY03	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	36	36	36	36	36	36	36	36	0	0	0	0	0	0	0	0	0		
KNYR	HY01	100	99	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	100	100	99	101	100	100	99	99	100	62	-1	-1	-1	-1	-1	-1	-1	-1	-1		
KNYR	HY02	99	99	58	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	100	60	59	-1	-1	-1	-1	-1	99	98	98	98	98	98	98	-1	-1	-1	-1		
KNYR	HY03	74	66	63	67	64	64	71	73	65	65	64	66	66	65	64	64	72	85	66	65	76	64	66	66	64	97	66	99	81	89	87	100	97	93		
KNYR	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		
LPIA	HY01	20	20	19	19	18	18	18	17	17	17	17	17	17	17	17	17	18	18	18	18	18	18	18	18	15	15	15	15	17	17	17	18	20	20		
LPIA	HY02	20	20	20	19	19	19	18	18	18	18	18	18	18	17	17	17	17	17	18	18	18	18	18	18	18	15	15	15	15	17	17	17	18	20	20	
MNOR	HY01	5	5	5	5	5	3	3	3	3	3	3	3	3	3	3	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6		
PGAU	HY01	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	19	19	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1		
PGAU	HY02	-1	-1	-1	-1	-1	-1	21	20	-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		
PGAU	HY03	-1	-1	-1	-1	20	20	-1	-1	-1	-1	-1	-1	-1	-1	21	21	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1		
SIHY	HY01	51	51	51	51	51	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
SIHY	HY02	50	50	50	50	50	0	0	0	0	0	0	0	0	0	0	0	0	50	31	50	50	31	31	31	31	50	50	50	50	50	50	50	50	50		
SIHY	HY03	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	50	31	50	50	31	31	31	31	50	50	50	50	50	50	50	50	50		
SYPS	HY01	25	25	25	25	25	0	0	0	0	0	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	25	25	25	25	25	0	0	0	0	0	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	25	25	25	25	25	0	0	0	0	0	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	25	25	25	25	25	0	0	0	0	0	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		
TMGR	HY02	33	32	33	33	32	33	33	33	33	33	33	33	33	33	33	33	33	33	34	33	33	33	33	33	33	33	33	33	32	33	33	33	33	33		
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		
UJLI	HY01	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	92	92	92	96	102	146	146	146	144	142	150	137	-1	-1	-1	-1	-1	-1	-1		
UJLI	HY02	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	99	95	93	94	-1	-1	104	149	149	149	146	145	153	140	-1	-1	-1	-1	-1		
UPIA	HY01	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	7	7	7	7	6	7	7			
UPIA	HY02	5	5	5	5	5	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	5	5	5	5	5	5	5	4	3		
Total Hydro		615	604	461	405	420	218	225	225	217	216	196	194	197	196	194	215	216	202	235	219	422	457	604	636	583	509	512	785	1126	1244	1343	1338	1302	1063	1145	568
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		
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	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	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	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	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	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	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	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	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	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	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	0	0	0	0	0	0	0	0	0	0		

Daily MW Generation on Thursday

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	
PCUF	CUFG	3	3	3	3	3	3	4	5	3	3	4	3	4	3	4	4	4	2	3	6	3	5	4	3	3	2	3	29	29	28	28	26	4	3	3	2	2	3	4	4	4	4	2	3	3	4	3	4
PCUF	CUFK	3	2	3	2	3	3	3	2	3	3	4	3	2	3	3	4	4	1	4	4	4	4	4	3	3	2	2	28	28	27	27	27	28	28	28	2	2	1	4	4	3	1	2	3	3	2	3	2
Total Co-Gen		6	5	6	5	6	6	7	7	6	6	8	6	6	6	7	8	8	3	7	10	7	9	8	6	6	4	5	57	57	55	55	53	32	31	31	4	4	4	8	8	7	5	4	6	6	6	6	6
Total Gen		14916	14566	14250	14022	13717	13498	13260	13050	12945	12978	12843	12751	12792	12691	12544	12501	13000	14008	14560	15147	15513	15799	16081	16239	16172	16078	16125	16450	16815	17060	17116	16966	16873	16609	16266	15704	15360	15210	15105	15165	15561	15830	15869	15831	15640	15596	15577	15369
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		
TIE-HVDC		-30	-30	-30	-29	-29	-29	-28	-28	-30	-29	-31	-29	-28	-29	-31	-29	-28	-29	-29	-31	-29	-29	-31	-29	-29	-30	-30	-28	-28	-28	-28	-28	-30	-28	-31	-30	-28	-31	-28	-28	-30	-28	-30	-28	-29	-29	-29	
TIE-PLTG		-11	-16	-34	-7	18	10	-44	-17	4	0	-9	5	-12	-31	-12	-1	-36	29	-5	21	74	42	57	65	61	74	70	-6	46	56	36	-22	-27	-49	14	11	-11	28	-9	49	-50	-19	17	28	19	-22	18	36
Interconnection		-41	-46	-65	-37	-11	-19	-72	-45	-27	-28	-39	-24	-40	-60	-40	-30	-67	0	-33	-8	44	13	26	36	33	43	40	-34	18	27	8	-50	-56	-79	-14	-17	-41	-2	-37	18	-78	-47	-13	0	-9	-52	-10	7
System Total		14957	14612	14315	14059	13728	13517	13332	13095	12972	13006	12882	12775	12832	12751	12584	12531	13067	14008	14593	15155	15469	15786	16055	16203	16139	16035	16085	16484	16797	17033	17108	17016	16929	16688	16280	15721	15401	15212	15142	15147	15639	15877	15882	15831	15649	15648	15587	15362
SRev ST-Coal		129	186	102	131	130	153	342	463	466	456	473	558	455	510	697	659	657	558	490	395	153	136	26	175	150	187	197	245	194	204	164	175	168	158	172	178	167	158	142	181	158	149	155	178	153	146	149	255
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		724	933	910	1052	1374	1468	1476	1369	1408	1382	1484	1660	1679	1762	1841	1863	1463	624	447	226	311	335	352	300	378	331	286	225	389	189	279	408	384	401	531	542	577	700	828	855	520	430	386	431	449	310	382	460
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
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
SRev Co-Gen		64	65	64	65	64	64	63	63	64	64	62	64	64	64	63	62	62	67	63	60	63	61	62	64	64	66	65	13	13	15	15	17	38	39	39	66	66	66	62	62	63	65	66	64	64	64	64	64
Syncon		1253	1253	1354	1455	1304	1304	1304	1304	1304	1455	1455	1455	1455	1455	1304	1304	1455	1304	1304	1203	1016	1066	980	980	1016	1016	879	879	641	554	579	428	641	792	1267	1455	1455	1304	1304	1455	1304	1304	1455	1304	1117	1117	1455	
Hydro		136	147	189	144	280	282	275	275	283	284	153	155	152	153	155	285	284	147	265	281	269	421	274	328	381	419	416	320	219	339	351	331	518	544	311	188	161	162	294	361	171	300	298	169	268	230	254	126
S.Reserve Total		2306	2584	2619	2847	3152	3271	3460	3474	3525	3490	3627	3892	3805	3944	4211	4173	3770	2851	2569	2266	1999	1969	1780	1847	1953	2019	1980	1682	1694	1388	1363	1510	1536	1783	1845	2241	2426	2541	2630	2763	2367	2248	2209	2297	2238	1867	1966	2360