

Daily System Generation Summary on Tuesday

Tuesday, January 14, 2020

Availability at Daily Maximum Demand Hour

ST-Coal	0 MW
ST-Gas	0 MW
ST-Oil	0 MW
Hydro	2,432 MW
Distillate	0 MW
Total TNB	2,432 MW
Total IPP	17,381 MW
Total Co-Gen	0 MW
Total System	21,933 MW

Generation Mix

Type	MWh	Percentage
Hydro	8,375	2.29 %
Gas	20,628	5.65 %
Total TNB	29,003	7.94 %
ST-Coal	235,700	64.51 %
LSS	2,497	0.68 %
Gas	97,483	26.68 %
Total IPP	335,680	91.88 %
Co-Gen	1,471	0.40 %
Total Co-Gen	1,471	0.40 %
Total Generation	366,154	100.22 %
PLTG	83	0.02 %
HVDC	727	0.20 %
Interconnection	810	0.22 %
Net Energy	365,344	100.00 %

Maximum Demand Record

Date: 4/18/2019	18,566 MW
Date: 4/18/2019	391,845 MWH

Set On Bus, TNB, IPP And MD

Daily Maximum Demand Hour at:	16:00:00 Hour
Total Set On Bus	19,106 MW
TNB Generation	1,578 MW
IPP Generation	15,664 MW
Spinning Reserve	1,805 MW
Maximum Demand	17,285 MW
Net Energy	365,344 MWH
Load Factor	88.07 %

Fuel Cost

Total Cost:	58,552,627.93 RM
Cost per Unit	15.98 cents/kWH

Average Spinning Reserve During Peak Hour

Type	MW
GT	553
Hydro	244
Syncon	1,158
Thermal	202
Total	2,157

Time	Weather	Temperature
Afternoon	Hot	33
Morning	Sunny	27

Gas Usage

Station	(mmscfd)
GLGR	47
TJGS	102
Total TNB	150
CBPS	53
KLPP	91
NPRI	151
PGLA	54
PLPS	87
SGB3	59
SGRI	70
YPKA	42
Total IPP	606
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	14612	13944	13474	13106	12755	12631	12917	13045	13334	14880	15793	16470	16331	16076	16729	17184	17285	16976	15953	15710	16833	16766	16269	15801

Prepared By: -Select Name-

Checked By: -Select Name-

Printed on: Monday, March 09, 2020 1:14:33 PM

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

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	U002	695	695	692	695	694	693	695	695	694	695	692	695	695	694	693	696	699	692	694	693	693	695	692	692	692	695	695	691	692	694	694	694	698	696	693	702	696	694	689	695	692								
JMHE	U001	898	897	901	899	901	798	799	799	799	801	799	800	794	800	797	801	882	988	978	975	977	983	982	979	979	978	979	980	978	981	981	981	981	983	982	981	983	975	981										
JMHE	U002	902	900	901	898	901	801	800	800	798	803	799	800	795	801	797	801	800	919	984	979	976	976	983	980	981	979	980	980	979	981	980	982	980	981	977	979	973	980	980	980	983	980	981	980	981	981	975	982	
JMJG	U001	671	669	677	672	669	669	669	677	668	671	672	669	672	666	673	671	682	672	668	669	671	670	670	672	673	672	671	670	670	670	671	672	667	672	673	669	672	671	673	671	667	677	677	674	667	673	672		
JMJG	U003	668	669	668	585	489	498	494	493	497	495	496	493	495	541	621	668	671	667	682	696	700	699	695	699	699	696	695	696	661	668	668	667	668	667	669	668	665	670	668	667	670	668	667	670	668	671	667	662	
JMJG	U004	917	900	832	804	804	804	804	804	806	804	804	805	806	805	804	805	854	910	967	977	974	979	981	982	978	978	978	978	979	979	978	983	983	983	980	979	979	980	982	980	978	980	982	979	980	945			
JMJG	U005	896	900	797	800	804	801	798	801	801	798	797	801	801	803	799	804	803	881	967	978	974	977	978	976	977	978	975	976	975	977	977	979	977	978	977	974	975	976	978	974	977	979	977	979	982	975	977	976	
PKLG	U003	207	207	207	207	206	205	207	206	204	177	165	208	209	206	205	206	207	205	206	206	206	206	205	204	204	203	205	204	206	208	206	205	205	212	238	232	231	259	281	283	281	281	281	284	275	284	283		
PKLG	U004	0	0	0	0	0	0	0	13	28	66	67	73	88	87	130	156	134	128	153	153	150	146	183	245	284	280	273	282	278	280	280	281	280	284	278	281	280	280	280	280	276	279	277	281	280	282			
PKLG	U005	469	466	467	464	468	467	465	466	466	467	468	463	466	466	466	466	472	468	466	462	469	464	468	466	469	466	466	466	466	468	469	465	468	468	468	468	467	469	468	467	468	474	468	468	467	467	467	467	
PKLG	U006	448	449	449	449	445	446	449	448	449	448	450	449	446	446	449	449	448	449	446	451	448	450	451	448	449	448	450	447	447	449	449	449	449	449	446	446	449	448	449	449	448	448	449	446	449	445	449		
TBIN	U001	647	600	570	548	552	550	549	550	551	551	549	551	551	551	551	550	553	552	667	690	690	690	690	690	690	689	690	691	691	691	690	690	690	690	690	691	689	690	689	690	691	692	691	689	689	690	691	691	
TBIN	U002	639	597	590	552	552	555	554	553	555	552	552	553	555	554	554	554	553	553	554	602	694	690	693	690	693	691	690	693	691	691	691	694	692	691	691	691	691	691	692	691	695	692	689	691	690	690	692	693	
TBIN	U003	650	603	578	552	554	553	553	554	553	552	555	555	552	553	553	557	556	554	553	602	682	691	691	690	689	690	691	691	689	691	689	690	692	691	690	691	690	691	691	691	691	691	691	691	691	691	691	691	
TBIN	U004	915	824	803	802	801	803	803	801	802	802	803	803	801	804	802	803	802	803	884	973	983	984	983	984	981	982	982	983	982	983	983	984	984	983	981	982	983	984	983	982	981	982	983	982	983	983	983	982	
Total ST-Coal		9622	9376	9132	8927	8840	8643	8639	8660	8669	8684	8668	8716	8711	8784	8845	8967	8985	9298	9611	9967	10275	10298	10311	10303	10340	10389	10431	110427	10379	10407	10404	10409	10407	10413	10410	10438	10412	10438	10458	10479	10492	10481	10491	10496	10490	10469	10473	10447	
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	347	364	356	354	360	354	359	361	221	221	219	339	355	348	360	366	353	363	359	359	351	362	362	353	360	360	360	360	360	359	363	363	362	353	354	347	346	358	359	351	362	362	361	360	361	361	362	
GLGR	GT01	67	67	69	67	67	68	68	68	67	67	68	66	66	67	67	68	67	69	67	67	67	67	78	84	71	66	67	82	100	100	100	100	100	101	88	67	66	68	67	67	67	67	75	102	85	85	85		
GLGR	GT02	68	70	68	68	68	68	68	68	68	68	68	68	68	68	68	68	68	69	68	68	68	79	86	71	68	68	67	83	98	98	98	98	98	98	86	67	67	67	68	68	68	76	99	83	85	85			
GLGR	ST1C	71	70	71	71	71	71	70	71	71	71	71	71	71	71	71	70	68	70	71	71	71	73	80	76	71	71	71	75	90	90	90	90	90	89	90	86	72	71	72	71	72	72	74	89	82	81	81		
KLPP	GT13	117	112	135	124	116	137	113	71	68	67	68	68	68	107	64	66	97	107	110	112	112	110	113	126	118	120	117	127	129	138	139	138	138	127	106	104	106	111	121	115	121	123	136	124	131	116	119		
KLPP	GT14	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	51	141	122	122	123	123	134	127	130	128	138	141	151	147	152	154	152	157	116	113	77	79	131	128	130	134	155	131	141	125	124		
KLPP	GT15	135	127	150	135	127	154	127	82	77	79	78	83	78	116	76	77	85	116	116	121	121	123	123	132	128	131	127	136	140	151	149	150	154	152	155	119	115	115	119	132	128	132	133	153	134	142	127	132	
KLPP	ST17	127	123	135	131	126	134	127	90	86	86	85	85	86	118	90	90	93	121	189	190	190	190	190	202	197	194	195	198	198	206	206	202	202	201	206	190	185	174	174	198	194	192	194	202	198	198	194	191	
NPRI	BLK1	510	493	511	505	500	512	499	490	431	470	454	519	430	439	418	329	437	371	336	472	507	496	511	508	505	504	499	509	509	511	512	510	511	505	500	495	490	490	434	445	514	505	513	514	515	511	515	506	474
NPRI	BLK2	506	487	508	501	496	509	496	507	503	507	503	506	505	503	494	504	511	496	507	511	502	496	506	505	500	499	496	506	505	502	505	504	500	495	490	485	383	444	516	505	517	516	516	511	516	507	517		
PCGP	PGRG	605	568	602	591	583	608	582	605	598	603	593	602	599	593	581	601	610	586	602	598	594	580	603	601	590	590	586	599	602	603	601	602	593	579	574	557	571	596	603	581	601	604	603	599	603	584	602		
PGLA	GT12	234	226	234	232	231	234	230	173	172	173	171	172	172	248	238	174	174	239	176	170	169	235	240	237	238	167	165	170	235	234	236	237	237	238	234	233	161	164	168	223	165	222	227	243	209	223	166	169	
PGLA	ST10	110	107	110	110	108	109	108	91	91	91	91	91	91	108	111	89	91	112	100	91	91	111	116	116	115	90	91	93	114	114	115	115	115	115	113	89	89	92	110	93									

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				
YPKA	GT12	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	102	70	70	126	129	128	69	66	66	67	127	126	126	126	126	125	124	67	67	67	67	121	125	129	128	127	126	127	125	99			
YPKA	ST10	48	46	31	31	31	31	31	31	31	31	30	31	30	31	30	30	31	52	112	81	82	115	121	120	98	78	78	79	120	120	120	119	119	119	119	80	76	78	78	78	99	118	119	120	120	119	120	119	50		
Total CCGT-Gas		4846	4676	4584	4514	4457	4442	4286	4046	3886	3798	3756	3854	4047	4271	4078	3799	4069	4668	4901	5079	5098	5346	5481	5623	5341	5144	5024	5401	5726	5963	5913	5952	5948	5812	5762	5269	4903	4547	4649	5335	5601	5583	5469	5308	5122	5186	4958	4714			
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	HY02	12	11	12	11	11	12	11	12	11	11	11	12	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	12	11	12	11	12				
CEND	HY01	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	8	8	8	8	8	8	8	8	8				
CEND	HY02	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	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			
CEND	HY03	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0			
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	-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	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1					
KNRG	HY02	23	22	23	23	23	23	22	24	23	23	23	23	23	23	23	23	23	23	23	23	23	23	23	23	23	23	23	23	23	23	23	23	23	23	23	23	23	23	23	23	23	23	23	23	23	23	23				
KNYR	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	60	59	59	100	98	95	93	91	93	98	97	97	98	98	0	0				
KNYR	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	59	60	60	61	61	99	99	97	95	93	94	99	99	98	99	99	99	100	-1					
KNYR	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	22	59	58	59	100	98	96	94	92	93	98	98	97	98	98	100	0	0					
KNYR	HY04	60	55	59	59	58	60	58	59	59	59	59	61	60	56	58	61	57	54	58	58	58	58	58	58	58	58	58	59	60	60	60	60	60	101	99	97	94	92	94	99	98	98	99	99	101	101	59				
LPJA	HY01	18	18	18	18	18	18	18	18	18	18	19	19	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	24	24	24	22	20	18	18	18	20	20	20	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	3	3	3	5	5	5	5	5	5	5	5	5	5	5	5	6	6	6	6	6	4	4					
PGAU	HY01	-1	-1	19	-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	21	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1				
PGAU	HY02	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	21	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	21	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	21	-1	0	0		
PGAU	HY03	-1	-1	-1	-1	-1	-1	-1	21	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	22	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	21	-1	-1	-1	-1		
SIHY	HY01	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	51	51	51	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31	49	50	50	49	30	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	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	30	50	50	50	0	0	0	0			
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	25	25	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17		
SYPS	HY02	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	21	25	25	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17		
SYPS	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	0	0	0	0	0	0	0	0	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	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	33	33	32	32	31	32	34	33	33	33	33	33	33	33	-1			
TMGR	HY02	34	29	33	33	31	33	31	33	33	33	33	33	33	33	31	34	34	32	34	33	33	31	33	34	33	33	33	32	34	34	34	34	34	65	65	63	31	28	30	33	33	31	33	33	34	34	33	34			
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	-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	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	96	97	97	95	94	-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	-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	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	3			
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	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		163	151	181	160	157	162	156	184	160	160	182	162	163	165	158	164	168	161	160	185	163	258	266	267	253	230	229	253	292	412	511	510	608	770	630	557	563	537	546	661	726	728	756	736	621	443	341	166			
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	0	0	0	0		
BDLS	LSS1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	4	7	10	14	17	20	22	23	25	25	26	23	22	23	18	16	16	14	8	3	1	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																																							

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 Gen		14641	14263	13962	13664	13516	13311	13145	12954	12780	12707	12670	12798	12985	13282	13145	12994	13301	14245	14844	15446	15814	16231	16412	16561	16339	16145	16101	16489	16789	17180	17194	17219	17301	17272	17059	16451	16027	15614	15725	16539	16882	16856	16777	16604	16297	16161	15836	15393	
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		32	29	31	29	30	30	30	30	31	31	30	30	30	30	31	31	31	31	30	30	30	30	31	31	30	30	30	29	30	30	30	30	30	30	30	30	30	30	31	31	30	30	30	30	31	31	31	31	
TIE-PLTG		10	39	-1	10	24	-22	20	-5	7	14	21	10	46	77	77	5	-55	-47	-58	-14	-1	-18	-80	6	-14	13	3	-17	37	20	-11	37	-6	-5	61	8	52	-7	-6	-20	27	-25	-11	-35	6	2	12	-18	
Interconnection		41	68	30	39	54	8	51	26	37	44	51	40	76	107	108	36	-25	-16	-28	16	29	12	-50	36	16	43	33	13	68	51	18	68	24	25	91	39	82	22	23	11	57	5	19	-6	36	33	43	12	
System Total		14612	14207	13944	13637	13474	13315	13106	12940	12755	12675	12631	12766	12917	13183	13045	12966	13334	14269	14880	15438	15793	16227	16470	16533	16331	16110	16076	16484	16729	17137	17184	17159	17285	17255	16976	16420	15953	15600	15710	16536	16833	16859	16766	16618	16269	16136	15801	15389	
SRev ST-Coal		676	753	742	643	741	733	737	740	737	792	791	767	762	694	750	725	754	716	498	400	186	163	150	158	121	154	156	160	208	180	183	178	180	174	177	189	215	199	189	198	178	189	179	174	180	201	197	223	
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		601	771	791	861	918	933	1089	1329	1489	1577	1619	1521	1328	1104	1297	1576	1306	860	1057	975	974	698	563	451	751	961	1081	751	438	254	299	260	264	400	450	943	1309	1665	1563	822	607	529	543	478	524	383	611	712	
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 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		1	1	1	3	4	2	1	1	1	1	2	0	2	4	2	2	2	1	2	3	6	3	3	5	5	5	5	7	10	8	7	6	7	8	6	6	5	3	4	2	3	2	5	2	2	3	2	0	
Syncon		1354	1354	1203	1354	1354	1354	1203	1354	1354	1203	1354	1354	1354	1354	1354	1354	1354	1354	1203	1354	1354	1354	1354	1203	1354	1354	1203	1253	1066	1066	1066	892	892	1079	1166	1015	1166	1166	1166	1166	1166	1015	1166	1015	1026	1015	1203		
Hydro		145	157	278	148	151	146	152	275	148	148	277	146	145	143	150	144	140	147	148	274	145	150	142	141	306	178	179	306	217	384	385	386	462	300	203	189	334	209	200	235	170	168	291	160	206	153	156	143	
S.Reserve Total		2777	3036	3015	3009	3168	3168	3333	3548	3729	3872	3892	3788	3591	3299	3553	3801	3556	3077	3059	2855	2665	2368	2212	2109	2386	2652	2775	2427	2127	1892	1940	1896	1805	1774	1915	2493	2878	3242	3122	2423	2124	2054	2033	1980	1927	1766	1981	2281	