

Daily System Generation Summary on Tuesday

Tuesday, May 07, 2019

Availability at Daily Maximum Demand Hour

ST-Coal	0 MW
ST-Gas	0 MW
ST-Oil	0 MW
Hydro	2,431 MW
Distillate	0 MW
Total TNB	2,431 MW
Total IPP	16,994 MW
Total Co-Gen	60 MW
Total System	22,564 MW

Generation Mix

Type	MWh	Percentage
Hydro	8,266	2.19 %
Gas	37,101	9.81 %
Total TNB	45,367	11.99 %
ST-Coal	219,911	58.14 %
LSS	1,450	0.38 %
Gas	111,280	29.42 %
Total IPP	332,641	87.95 %
Co-Gen	1,282	0.34 %
Total Co-Gen	1,282	0.34 %
Total Generation	379,290	100.28 %
PLTG	339	0.09 %
HVDC	727	0.19 %
Interconnection	1,066	0.28 %
Net Energy	378,224	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:	15:30:00 Hour
Total Set On Bus	19,814 MW
TNB Generation	2,375 MW
IPP Generation	15,458 MW
Spinning Reserve	1,929 MW
Maximum Demand	17,825 MW
Net Energy	378,224 MWH
Load Factor	88.41 %

Fuel Cost

Total Cost:	71,187,653.52 RM
Cost per Unit	18.77 cents/kWH

Average Spinning Reserve During Peak Hour

Type	MW
GT	571
Hydro	359
Syncon	832
Thermal	152
Total	1,914

Time Weather Temperature

Afternoon	Hot	35
Morning	Sunny	28

Gas Usage

Station	(mmscfd)
GLGR	51
SRDG	10
TJGS	208
Total TNB	269

CBPS	51
KLPP	94
NPRI	150
PGLA	106
PLPS	78
PTEK	12
SGB3	46
SGRI	63
SKSP	46
YPKA	73

Total IPP 721

Total Gas 990

Total Gas Required 990

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	15350	14617	14092	13704	13620	13540	13457	13063	13686	15446	16455	16977	16939	16695	17446	17750	17724	17090	16329	16157	16994	17128	16846	16510

Prepared By: -Select Name-

Checked By: -Select Name-

Printed on: Monday, June 24, 2019 9:45:08 AM

(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	U001	691	692	693	691	693	692	694	692	694	693	692	692	693	692	693	691	694	692	693	693	691	693	692	693	692
JMAH	U002	691	695	693	694	689	694	694	695	692	693	695	694	693	692	693	694	692	695	694	693	694	693	691	693	694
JMHE	U001	319	321	321	321	316	297	117	0	0	0	0	0	0	0	16	141	239	526	1005	1008	1019	1020	1014	917	710
JMJG	U001	669	670	672	671	672	564	546	547	623	666	675	673	669	673	672	672	671	674	667	672	671	672	671	672	671
JMJG	U002	672	675	676	670	673	672	672	671	671	674	672	671	672	672	674	486	489	496	494	498	503	500	497	500	489
JMJG	U003	588	596	594	593	588	638	641	591	629	645	637	643	641	648	590	597	598	585	603	566	598	590	593	596	591
JMJG	U004	981	980	973	887	798	785	785	783	785	782	786	785	787	785	786	783	785	785	844	933	985	981	983	979	981
JMJG	U005	974	977	949	804	778	778	780	779	779	777	781	780	779	779	781	781	779	780	873	963	977	982	978	976	982
PKLG	U003	283	280	282	282	283	280	281	283	279	280	283	280	283	284	282	282	283	279	281	281	283	280	281	278	281
PKLG	U004	282	280	281	281	280	280	279	278	278	279	279	280	281	281	281	281	285	282	281	281	280	281	281	280	281
PKLG	U005	470	471	470	471	470	472	470	471	470	471	473	470	470	468	470	469	469	469	472	470	469	470	468	470	470
PKLG	U006	468	465	469	466	468	468	466	466	468	468	465	466	475	470	466	469	469	465	466	470	464	467	468	468	465
TBIN	U001	688	690	688	685	690	686	689	688	687	687	691	689	689	691	686	690	687	685	690	687	689	687	689	688	687
TBIN	U002	691	694	692	690	690	692	692	690	689	690	693	689	692	689	691	692	689	688	687	687	690	689	687	688	688
TBIN	U003	691	690	691	693	693	690	692	693	691	690	691	689	693	692	688	691	690	691	689	692	689	691	691	690	691
Total ST-Coal		9158	9176	9144	8899	8781	8688	8498	8328	8435	8491	8515	8501	8516	8516	8449	8461	8477	8593	8861	9285	9855	9862	9790	9675	9672
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
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
CBPS	BLK2	358	357	361	362	362	272	221	224	222	224	223	226	220	221	214	221	221	365	367	367	367	366	366	367	360
GLGR	GT01	100	67	68	69	68	68	68	68	69	68	68	69	67	68	69	69	70	68	68	68	69	102	100	101	74
GLGR	GT02	101	67	69	69	68	69	69	69	68	68	69	68	68	68	68	69	68	68	68	70	101	101	101	73	68
GLGR	ST1C	89	72	70	70	70	70	70	70	70	70	70	70	70	71	70	70	70	88	89	89	79	70	70	87	89
KLPP	GT13	68	0	0	0	0	0	0	0	0	0	0	0	0	46	146	143	144	143	144	127	132	131	143	146	
KLPP	GT14	128	127	75	76	75	77	79	85	85	83	84	86	86	80	79	80	84	86	154	153	152	152	151	142	142
KLPP	GT15	132	132	115	115	82	82	82	81	83	82	86	87	84	82	81	82	86	84	148	149	149	149	147	147	140
KLPP	ST17	174	120	101	99	88	85	85	86	86	88	88	87	87	88	88	88	92	96	210	210	210	211	211	210	210
NPRI	BLK1	499	508	504	511	510	510	510	481	393	401	403	355	356	410	325	324	433	516	514	517	510	511	511	510	504
NPRI	BLK2	502	509	508	511	511	511	514	438	394	396	407	352	350	413	319	327	436	519	523	513	512	512	510	512	511
PCGP	PGRG	596	601	601	603	602	602	603	601	603	602	452	454	452	449	280	248	251	606	606	601	601	603	603	596	587
PGLA	GT11	188	206	167	169	168	167	168	167	169	168	168	170	168	169	164	166	204	210	196	192	166	219	224	222	221
PGLA	GT12	191	208	169	172	171	171	171	171	173	171	171	174	172	171	167	169	207	214	199	195	170	219	223	224	224
PGLA	ST10	231	235	207	207	208	208	208	206	206	206	207	206	207	207	204	203	223	234	227	229	208	244	249	251	251
PLPS	GT11	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	58	146	127	127	128	128	125	123	130
PLPS	GT12	146	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	75
PLPS	GT13	134	138	121	123	123	123	124	124	123	123	124	124	124	125	119	122	124	121	124	127	125	125	123	125	122
PLPS	ST18	144	90	58	58	58	58	59	59	59	60	59	59	58	59	57	59	59	59	57	144	140	140	140	140	139
SGB3	GT31	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	9	92	140	138	
SGB3	GT33	111	114	114	114	114	115	115	113	117	116	114	115	115	114	111	114	114	115	115	115	116	116	118	118	128
SGB3	ST34	59	59	59	59	59	59	59	60	60	59	59	59	59	59	58	58	60	60	60	60	59	60	60	121	141
SGRI	GT21	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	51	134	134	
SGRI	GT22	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	58
SGRI	GT23	104	103	103	105	105	105	105	109	109	104	105	108	106	105	102	105	106	106	109	105	106	105	109	113	113
SGRI	ST24	59	58	58	59	60	60	59	60	60	61	61	59	61	60	58	60	60	59	60	61	59	61	52	135	139
SKSP	BLK1	297	301	219	215	219	218	220	225	221	221	220	227	222	217	217	220	219	325	282	226	220	341	268	223	218
TJGS	GT1A	196	216	217	201	198	167	140	144	144	143	141	145	141	140	138	145	219	222	204	222	210	223	220	200	149
TJGS	GT1B	182	206	204	195	182	155	130	131	135	134	134	134	134	132	130	137	207	213	191	211	201	210	206	195	141
TJGS	ST1C	232	235	239	239	223	213	185	181	181	181	178	178	178	178	178	179	228	236	228	240	222	246	238	233	213

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					
TJGS	GT2A	208	208	199	192	186	186	186	186	186	186	186	186	186	186	186	186	187	217	213	213	213	211	213	213	213	211	213	213	213	213	213	213	213	213	213	213	213	213	213	213	213	213	213	213	213	213	214					
TJGS	GT2B	206	206	198	189	182	182	182	182	182	182	184	182	181	183	184	184	183	214	210	211	211	209	209	209	209	209	209	209	209	209	209	209	209	209	209	209	209	209	209	209	209	209	209	209	209	209	209	209				
TJGS	ST2C	256	256	256	252	240	240	240	240	240	240	240	240	240	240	240	240	254	259	259	259	259	259	259	259	259	261	261	261	261	261	261	261	261	261	261	261	261	261	261	261	261	261	261	261	261	261	261	261				
YPKA	GT11	128	65	64	65	65	65	65	65	66	65	65	66	65	65	65	65	66	132	130	120	121	121	120	119	118	120	121	121	121	121	121	121	121	121	121	98	98	65	65	127	127	127	127	127	127	125	125					
YPKA	GT12	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	14	71	134	122	122	121	122	120	120	122	122	122	122	122	122	122	122	122	98	98	65	65	126	126	126	126	126	126	0	0						
YPKA	ST10	55	32	32	33	33	33	33	33	33	33	33	33	33	33	33	32	33	32	55	124	117	119	119	120	120	119	121	121	121	121	121	121	121	121	121	105	105	84	84	122	122	122	122	122	122	55	55					
YPKA	GT21	123	65	65	64	65	65	65	65	65	65	65	66	65	65	65	65	65	67	133	132	132	131	130	131	130	128	130	129	128	129	129	129	129	129	129	64	64	64	64	120	120	120	120	120	120	120	120					
YPKA	ST20	60	40	37	38	37	37	38	38	37	37	37	37	37	37	37	37	37	63	65	63	64	64	64	64	63	64	64	63	63	63	63	63	63	63	63	63	40	40	40	40	58	58	58	58	58	58	58	58				
Total CCGT-Gas		6057	5601	5258	5234	5132	4973	4853	4762	4638	4638	4501	4421	4394	4494	4106	4124	4648	5602	6121	6400	6217	6526	6585	6671	6512	6606	6817	7061	7310	7591	7487	7372	7553	7420	7302	7249	6913	6617	6439	6538	7068	6952	6915	6912	6765	6764	6749	6476				
PTEK	GT1A	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	50	106	70	69	73	68	70	0	0	0	0	0	0	0	0	0	0	0	0	0				
PTEK	GT1B	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	107	105	69	67	68	0	0	0	0	0	0	0	0	0	0	0					
PTEK	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	0	0	0	0	0	70	71	70	74	73	70	0	0	0	0	0	0	0	0	0	0	0	0	0				
PTEK	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	0	0	0	0	0	103	71	69	73	69	70	65	0	0	0	0	0	0	0	0	0	0	0	0	0			
SRDG	GT04	0	0	0	0	0	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	104	104	89	89	0	0	0	0	0	0	0	0	0	0	0	0	0					
SRDG	GT05	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	76	90	123	90	89	89	90	90	105	104	89	89	34	0	0	0	0	0	0	0	0	0	0	0	0	0					
Total CCGT-Gas		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	76	90	123	90	89	89	140	391	528	521	467	455	312	65	0	0	0	0	0	0	0	0	0	0	0	0	0				
BSIA	HY02	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10					
BSIA	HY03	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	24	24	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0				
CEND	HY01	8	7	7	7	8	8	7	8	8	8	7	8	8	8	7	8	8	8	8	8	8	8	8	8	8	7	8	8	8	8	8	7	8	8	8	8	8	8	8	8	8	8	7	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	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				
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	-1					
KNRG	HY02	21	21	21	21	21	21	21	21	21	21	21	22	21	21	21	21	22	22	21	21	21	21	21	21	20	21	21	21	21	21	21	21	21	21	21	21	21	21	21	21	21	21	21	21	22	21	21	21				
KNYR	HY01	0	0	0	0	0	0	59	98	98	97	97	97	97	97	95	95	97	97	0	0	0	0	0	0	0	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	HY02	59	58	60	60	62	60	61	101	101	101	101	101	101	101	97	97	101	102	60	61	61	62	62	62	60	58	58	59	60	60	60	60	60	60	61	61	60	61	59	60	60	61	61	62	62	62	61	61				
KNYR	HY03	0	0	0	0	0	0	61	98	98	97	97	97	97	97	97	97	98	97	98	0	0	0	0	0	0	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	HY04	-1	-1	-1	-1	-1	-1	60	98	98	98	98	98	98	98	97	97	98	98	99	61	-1	-1	-1	62	60	-1	-1	-1	60	60	60	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1			
LPJA	HY02	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	25	25	25	25	21	25	25	25	25	21	21	21	21	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16				
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	22	-1	-1	-1	-1	21	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	21	20	20	-1	-1	-1	20	20	20	20	20	20	-1	-1	-1	-1	-1	-1	-1	-1	-1	21	21	21	20	20	20	20			
PGAU	HY02	-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	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-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	0	0	0	0	0	0	0	51	49	49	49	49	31	31	0	0	0	0	0	0	0	0	5	31	31	31	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	0	0	0	0	0	0	0	0	50	50	50	50	30	30	0	0	0	0	0	0	0	0	0	0	0	0	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	0	0	0	0	0	0	0	0	51	51	51	51	31	31	0	0	0	0	0	0	0	0	0	0	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	17	17	17	17	17	17	17	17	17	17	25	25	17	0	0	0	0	0	0	0	0	0	15	17	17	17	0	0	0		
SYPS	HY02	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	17	17	17	17	17	17	17	17	1																							

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																								
GNLS	LSS1	0	0	0	0	0	0	0	0	0	0	0	0	3	3	6	5	8	24	26	11	45	40	41	37	48	49	47	42	41	18	33	26	5	3	3	0	0	0	0	0	0	0	0	0				
KKLS	LSS1	0	0	0	0	0	0	0	0	0	0	0	0	1	5	11	20	4	11	10	23	25	24	19	32	46	48	37	38	11	19	5	10	10	6	3	1	0	0	0	0	0	0	0	0	0			
SPLS	LSS1	0	0	0	0	0	0	0	0	0	0	0	0	2	5	13	21	29	42	42	46	51	57	41	17	19	50	48	41	46	44	36	29	19	10	7	2	0	0	0	0	0	0	0	0	0			
SSLS	LSS1	0	0	0	0	0	0	0	0	0	0	0	0	2	6	12	19	24	29	32	33	40	12	7	10	9	12	15	25	33	30	20	21	11	4	3	1	0	0	0	0	0	0	0	0				
Total LSS		0	0	0	0	0	0	0	0	0	0	0	0	10	26	62	85	102	149	159	159	221	183	168	158	151	205	181	204	183	152	123	101	63	30	22	6	0	0	0	0	0	0	0	0	0			
PCUF	CUFG	27	24	25	24	25	24	24	25	24	25	24	25	24	27	28	26	24	25	24	27	28	27	30	25	25	24	26	26	26	26	25	25	27	29	27	27	27	27	27	27	27	27	29	31				
PCUF	CUFK	30	29	28	28	27	28	28	28	28	28	29	29	28	28	29	27	28	28	27	28	27	28	26	27	26	25	26	26	26	25	28	26	26	27	27	26	26	27	27	27	27	27	28	30	29			
Total Co-Gen		57	53	53	52	52	52	53	52	53	53	54	53	53	55	57	53	52	52	51	55	55	55	58	51	52	50	51	52	52	51	53	51	54	55	55	53	53	54	54	54	54	55	59	60				
Total Gen		15429	14987	14614	14344	14127	13896	13744	13639	13621	13675	13562	13492	13458	13580	13092	13138	13702	14806	15478	16096	16468	16770	17016	17127	16951	16729	16721	17021	17452	17778	17781	17885	17816	17648	17188	16870	16424	16300	16247	16505	17057	17227	17248	17161	16919	16741	16590	16172
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				
TIE-HVDC		31	31	31	30	30	31	31	30	30	30	31	31	30	30	30	30	31	31	30	30	31	31	31	31	31	30	30	31	31	31	31	30	31	29	29	29	31	31	28	29	31	31	32	30	30			
TIE-PLTG		48	-18	-34	-50	5	-18	10	10	-29	29	-8	-1	-30	8	-1	-13	-14	-8	2	-12	-17	-2	9	-6	-19	-12	-5	-28	-23	0	0	29	61	55	68	38	64	66	61	20	31	68	90	70	42	26	50	69
Interconnection		79	13	-3	-20	35	13	40	39	1	59	22	30	1	38	29	17	16	23	32	17	13	28	39	25	12	18	26	2	6	30	31	60	92	86	98	68	95	95	90	51	63	97	120	100	73	56	80	99
System Total		15350	14974	14617	14364	14092	13883	13704	13600	13620	13616	13540	13462	13457	13542	13063	13121	13686	14783	15446	16079	16455	16742	16977	17102	16939	16711	16695	17019	17446	17748	17750	17825	17724	17562	17090	16802	16329	16205	16157	16454	16994	17130	17128	17061	16846	16685	16510	16073
SRev ST-Coal		148	130	162	290	294	372	564	326	174	258	235	246	268	269	297	283	368	351	236	304	134	127	109	134	127	105	347	117	113	147	193	181	132	158	152	134	148	91	101	136	135	129	136	128	126	206	244	136
SRev OCGT-Gas		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	50	36	3	36	37	37	95	185	157	164	218	230	250	44	0	0	0	0	0	0	0	0	0	0	0		
SRev CCGT-Gas		706	794	1063	1087	1189	1348	1468	1559	1683	1683	1820	1900	1927	1827	2215	2197	1673	1002	698	557	740	431	512	503	805	781	787	761	522	241	345	460	279	412	530	583	919	1215	1393	1072	402	442	479	482	629	630	450	723
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		
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		
SRev Co-Gen		3	7	7	8	8	8	7	8	8	7	7	6	7	7	5	3	7	8	8	8	9	5	5	5	2	9	8	10	9	8	8	9	7	9	6	5	5	7	7	6	6	6	6	5	1	0		
Syncon		1115	1115	1115	1115	1115	964	1014	1014	1014	1014	863	1014	863	1014	1014	1014	1014	1014	1014	1115	1115	777	676	676	1115	1115	1115	676	676	676	626	964	964	1115	1115	1115	1115	1115	1115	626	500	687	813	813	813	964		
Hydro		143	143	141	141	138	268	260	105	105	107	108	235	107	235	117	113	107	105	142	168	129	128	387	424	433	167	166	164	428	427	435	490	325	355	135	136	135	142	139	139	194	578	639	544	465	413	415	268
S.Reserve Total		2115	2189	2488	2641	2744	2960	3314	3011	2984	3070	3184	3251	3322	3201	3650	3612	3165	2479	2098	2051	2126	1810	1840	1778	2049	2207	2461	2203	1844	1684	1814	1929	1927	2126	2191	2018	2322	2568	2755	2469	1852	1781	1760	1847	2039	2067	1923	2091