

Availability at Daily Maximum Demand Hour

ST-Coal	0 MW
ST-Gas	0 MW
ST-Oil	0 MW
Hydro	2,326 MW
Distillate	0 MW
Total TNB	2,326 MW
Total IPP	17,105 MW
Total Co-Gen	0 MW
Total System	21,551 MW

Generation Mix

Type	MWh	Percentage
Hydro	18,000	4.86 %
Gas	21,385	5.77 %
Total TNB	39,385	10.63 %
ST-Coal	215,682	58.19 %
LSS	2,464	0.66 %
Gas	112,816	30.44 %
Total IPP	330,962	89.29 %
Co-Gen	245	0.07 %
Total Co-Gen	245	0.07 %
Total Generation	370,592	99.98 %
PLTG	630	0.17 %
HVDC	-696	-0.19 %
Interconnection	-66	-0.02 %
Net Energy	370,658	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:	16:00:00 Hour
Total Set On Bus	18,884 MW
TNB Generation	2,295 MW
IPP Generation	15,302 MW
Spinning Reserve	1,254 MW
Maximum Demand	17,631 MW
Net Energy	370,658 MWH
Load Factor	87.60 %

Fuel Cost

Total Cost:	60,427,087.74 RM
Cost per Unit	16.31 cents/kWH

Average Spinning Reserve During Peak Hour

Type	MW
GT	370
Hydro	335
Syncon	595
Thermal	162
Total	1,462

Time Weather Temperature

Afternoon	Hot	34
Morning	Sunny	28

Gas Usage

Station	(mmscfd)
GLGR	51
TJGS	106
Total TNB	158
CBPS	53
KLPP	81
NPRI	157
PGLA	91
PLPS	95
SGB3	84
SGRI	30
SKSP	52
YPKA	80
Total IPP	724
Total Gas	881

Total Gas Required 881

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	14872	14311	13753	13304	13005	12823	12995	13034	13570	15323	16266	16799	16836	16386	17086	17590	17631	17286	16124	15776	16853	16708	16288	15923

Prepared By: -Select Name-

Checked By: -Select Name-

Printed on: Tuesday, August 04, 2020 2:42:00 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	U001	691	693	692	692	693	692	691	692	691	692	692	693	693	693	689	694	691	692	695	692	693	692	693	691	694	693	692	693	691	693	693	
JMAH	U002	691	700	696	696	695	694	695	693	695	694	696	693	696	692	695	693	693	692	694	693	695	690	698	693	694	695	696	696	695	691	695	693
JMHE	U001	976	891	781	780	779	781	780	781	777	780	779	779	782	779	781	777	903	984	979	981	979	983	979	980	982	982	979	983	981	982	981	983
JMHE	U002	978	979	939	781	778	780	780	780	782	662	642	745	783	780	782	777	899	981	977	981	976	977	978	980	977	979	981	981	982	984	983	978
JMIG	U001	671	674	672	542	550	555	617	667	677	679	672	677	679	677	678	675	678	680	677	680	676	675	679	680	678	677	676	677	678	678	676	676
JMIG	U002	673	666	667	672	668	678	677	672	671	672	671	674	675	668	677	669	670	669	671	672	671	669	674	670	677	672	667	672	665	673	675	662
JMIG	U003	660	665	663	664	666	660	667	662	665	664	664	659	662	665	664	665	666	666	662	666	669	665	660	659	666	663	664	664	662	665	661	667
JMIG	U004	985	907	822	783	782	785	782	785	782	786	786	785	785	782	783	786	785	836	923	978	983	981	980	981	981	980	979	981	981	978	977	981
PKLG	U003	282	282	282	281	282	280	278	277	280	280	279	280	281	282	281	282	283	281	282	279	277	281	284	273	283	280	281	281	283	277	281	281
PKLG	U004	280	278	279	279	279	273	279	277	280	283	279	280	272	280	280	280	280	279	281	280	281	280	280	279	280	280	278	276	282	279	282	278
PKLG	U005	468	467	467	466	464	463	466	464	466	467	468	467	468	467	468	468	467	468	466	466	468	466	466	468	468	467	466	466	468	468	466	465
PKLG	U006	447	449	451	449	449	451	449	450	451	449	451	450	451	449	448	449	445	449	449	447	448	449	450	452	446	446	447	451	449	452	451	449
TBIN	U001	690	691	691	689	691	690	689	690	691	689	689	689	689	689	689	685	686	690	687	691	690	689	688	689	692	687	690	690	686	687	691	688
TBIN	U003	692	694	692	693	691	692	692	692	690	692	692	691	693	692	690	689	690	691	691	692	693	691	693	689	690	687	686	689	689	693	691	691
Total ST-Coal		9184	9036	8794	8467	8467	8474	8544	8580	8602	8605	8480	8459	8564	8602	8606	8601	8590	8895	9139	9196	9198	9188	9195	9194	9193	9193	9182	9188	9188	9197	9193	9199
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
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
CBPS	BLK2	357	360	361	368	359	368	359	301	222	222	223	230	271	316	360	355	366	348	352	361	362	361	359	356	350	359	356	356	358	356	356	352
GLGR	GT01	100	69	68	70	67	69	68	68	66	68	69	67	69	68	70	70	101	85	84	86	101	100	99	100	67	67	68	69	102	99	101	101
GLGR	GT02	99	68	68	68	68	68	68	68	68	69	68	68	68	69	68	102	85	86	86	101	101	101	101	67	68	68	101	100	101	101	101	101
GLGR	ST1C	89	71	71	71	71	71	71	71	71	71	71	71	71	71	71	89	81	81	81	89	89	89	89	72	71	70	71	81	89	89	89	89
KLPP	GT13	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	28	88	128	129	133	121	123	121	124	120	121	121
KLPP	GT14	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	31	123	147	149	149	151	150	154	156	155	154	156	157	157
KLPP	GT15	128	128	132	135	131	131	129	129	129	130	129	130	129	129	130	130	135	134	126	126	129	131	134	135	130	135	133	152	154	154	154	154
KLPP	ST17	52	52	54	54	55	57	54	54	53	53	53	53	53	51	51	55	55	52	44	112	129	126	165	197	197	195	197	197	197	196	196	196
NPRI	BLK1	515	523	520	529	518	532	517	521	518	447	448	448	506	507	500	505	513	497	497	503	509	506	508	500	496	509	503	504	514	509	509	510
NPRI	BLK2	516	526	523	532	518	533	518	527	507	442	514	510	491	485	412	412	534	404	492	502	506	504	504	496	493	507	501	502	511	506	508	507
PCGP	PGRG	596	605	604	620	600	616	598	601	603	602	604	603	597	600	590	593	612	583	585	596	602	600	600	592	585	601	594	596	607	602	601	604
PGLA	GT11	227	227	227	227	229	228	228	162	162	162	163	161	161	161	159	159	165	169	194	214	215	215	214	212	213	214	213	213	219	219	219	219
PGLA	GT12	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	33	187	242	245	243	243	241	243	222	222	222	222	229	229	229	229
PGLA	ST10	115	115	115	115	115	115	91	91	91	91	91	91	91	91	89	89	89	212	239	239	241	241	238	240	240	241	241	242	247	248	248	248
PLPS	GT11	127	131	131	135	130	70	68	69	68	68	69	68	68	69	64	66	72	130	131	132	134	135	135	131	130	135	135	135	135	135	136	135
PLPS	GT12	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4	149	147	147	146	147	142	142	146	146	145	145	145	145	144	141
PLPS	GT13	128	127	127	132	128	85	66	66	67	66	68	67	67	67	63	62	71	126	127	127	130	131	129	126	131	132	130	131	131	131	131	131
PLPS	ST18	140	140	141	143	141	111	96	94	92	93	94	93	94	90	91	94	141	205	213	212	213	213	209	210	213	211	211	211	211	211	211	210
SGB3	GT31	114	109	130	136	130	65	66	66	66	66	66	66	66	66	66	66	101	101	141	136	140	144	140	133	116	114	135	134	135	136	136	134
SGB3	GT32	113	113	133	137	133	72	73	73	72	72	73	73	73	73	73	73	107	109	144	140	137	135	134	136	113	113	138	138	138	138	137	138
SGB3	GT33	53	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	67	137	137	132	132	134	117	116	135	135	136	136	136	136	136	84
SGB3	ST34	188	135	146	146	146	110	101	101	101	101	101	101	101	101	101	101	127	130	151	217	219	218	218	219	199	200	215	218	219	219	219	218
SGRI	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	50	138	138	138	138	138
SGRI	GT13	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	7	36	39	32	31	31	31	64	65	133	136	136	138	147	148	140
SGRI	ST14	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	71
SKSP	BLK1	274	294	323	326	253	314	225	287	257	219	235	278	254	217	220	219	327	221	218	218	239	300	283	280	277	300	283	289	325	299	324	286
TJGS	GT2A	186	216	216	213	200	215	201	145	148	146	148	147	147	181	185	144	192	214	214	214	213	213	213	213	213	213	213	213	213	213	213	213
TJGS	GT2B	182	213	212	210	196	211	196	143	142	143	144	143	144	179	181	141	191	211	211	210	210	210	210	210	211	211	211	211	211	211	209	211
TJGS	ST2C	254	251	253	257	250																											

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	18	134	134	134	132	133	132	133	134	134	134	71	0																												
YPKA	ST10	50	33	32	33	32	34	33	33	32	32	33	33	33	34	120	127	127	128	128	128	127	128	128	127	62	34																												
YPKA	GT21	116	119	118	121	117	69	66	66	65	65	66	66	66	73	123	122	124	125	125	124	125	121	125	66	132																													
YPKA	ST20	56	56	56	56	56	41	39	39	39	39	39	39	39	39	56	57	58	58	59	59	60	58	60	40	61																													
Total CCGT-Gas		4900	4750	4829	4905	4711	4511	4269	4056	3918	3745	3847	3883	3935	4042	3983	3888	4323	4812	5381	5742	6082	6215	6221	6264	6305	6259	6143	6466	6581	6807	6843	6818	6860	6842	6790	6585	6305	5897	6049	6653	6622	6609	6601	6414	6435	6345	6149	5830						
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	0	0				
BSIA	HY02	12	12	12	12	12	12	12	12	12	12	12	11	11	11	12	11	11	12	12	12	11	11	12	12	12	23	23	23	11	11	11	10	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11						
CEND	HY01	9	10	10	10	9	9	10	10	10	9	9	10	9	10	9	9	10	10	9	10	10	9	10	10	9	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10					
CEND	HY03	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	10	10					
CEND	HY04	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	8	8				
HTRG	HY01	125	125	125	62	63	-1	-1	-1	-1	-1	-1	-1	-1	-1	63	125	125	124	63	63	125	124	125	63	63	126	125	125	125	125	125	-1	-1	-1	-1	64	125	125	125	125	63	62	-1	-1	-1	-1	-1	-1	-1					
HTRG	HY02	0	0	0	0	0	0	0	0	0	0	-1	-1	-1	-1	38	125	125	124	124	123	124	123	123	124	124	125	123	123	124	123	124	123	63	-1	-1	-1	64	124	124	125	125	124	63	63	-1	-1	-1	-1	-1	-1	-1			
KNRG	HY01	36	37	37	37	37	37	37	26	26	26	27	26	26	0	0	0	0	0	0	0	0	0	0	0	0	0	0	36	36	36	36	36	36	36	36	36	36	36	36	36	36	36	36	36	36	36	36	36	36	36	36			
KNRG	HY02	21	0	0	0	0	0	0	0	0	0	0	24	24	24	26	24	24	25	25	25	25	25	25	24	25	24	25	37	37	37	37	37	37	37	37	37	37	37	37	37	37	37	37	37	37	37	37	37	37	37	37	37	37	
KNRG	HY03	36	37	37	37	37	37	37	25	25	25	25	25	25	25	26	24	24	25	25	25	25	25	25	24	25	25	24	36	36	36	36	36	36	36	36	36	36	36	36	36	36	36	36	36	36	36	36	36	36	36	36	36	36	
KNYR	HY01	99	99	99	98	99	99	99	99	99	99	99	98	98	97	97	96	99	96	96	98	97	99	99	99	97	98	99	99	99	99	99	99	99	99	99	99	99	99	99	99	99	99	99	99	99	99	99	99	99	99	99	99	99	99
KNYR	HY02	98	98	98	98	98	98	98	98	98	98	98	98	98	98	96	98	96	97	98	98	98	98	98	98	98	98	98	98	98	98	98	98	98	98	98	98	98	98	98	98	98	98	98	98	98	98	98	98	98	98	98	98	98	
KNYR	HY04	98	99	99	99	98	98	98	99	99	99	99	99	99	98	99	97	99	97	97	99	99	98	98	99	99	98	98	99	98	98	99	99	99	99	99	99	99	99	99	99	99	99	99	99	99	99	99	99	99	99	99	99	99	
LPIA	HY01	20	20	20	20	18	18	18	18	18	18	18	18	18	18	20	20	20	20	20	20	19	19	19	18	18	18	18	18	18	18	18	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17		
LPIA	HY02	20	20	20	20	18	18	18	18	18	18	18	18	18	18	20	20	20	18	16	16	17	16	16	16	16	16	16	17	18	18	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17		
MNOR	HY01	5	5	5	5	5	5	5	5	5	5	5	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	6	6	6	6	6	7	7	8	8	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	
PGAU	HY01	21	-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	-1	-1	-1	-1		
PGAU	HY02	20	20	20	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	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1		
PGAU	HY03	21	21	21	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	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1		
PGAU	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	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	0	0	0	0	0	0	0	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	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	0	0	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	HY03	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	0	0	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	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	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	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	0	0	0	0	0	0	0	0	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	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	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	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	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	34	35	-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	-1	-1	-1		
TMGR	HY02	33	34	34	35	34	35	34	34	34	34	34	34	34	34	34	33	34	34	31	31	34	34	34	34	33	33	33	33	33	33	33	33	33	33	33	33	33	33	33	33	33	33	33	33	33	33	33	33	33	33	33	33	33	
TMGR	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	0	0	0		
UJLI	HY01	-1	-1	-1	-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																								
KKLS	LSS1	0	0	0	0	0	0	0	0	0	0	0	0	0	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	0	0	0	0	0	0	0	0	0							
MCLS	LSS1	0	0	0	0	0	0	0	0	0	0	0	0	1	4	8	14	22	29	29	13	46	45	47	47	47	46	43	41	38	34	30	24	17	11	4	1	0	0	0	0	0	0	0	0				
SPLS	LSS1	0	0	0	0	0	0	0	0	0	0	0	0	2	4	10	19	28	35	42	47	44	57	58	58	58	56	41	29	13	2	12	14	23	12	2	1	0	0	0	0	0	0	0	0				
SSLS	LSS1	0	0	0	0	0	0	0	0	0	0	0	0	0	2	3	5	12	23	25	29	35	37	39	40	36	39	38	36	33	31	13	23	3	2	2	1	0	0	0	0	0	0	0	0				
Total LSS		0	0	0	0	0	0	0	0	0	0	0	0	6	48	91	134	190	242	250	284	329	360	348	323	333	311	277	265	237	208	197	194	144	92	47	25	0	0	0	0	0	0	0	0				
PCUF	CUFG	3	4	3	5	3	4	3	3	4	4	3	4	5	6	5	5	5	7	5	6	5	6	6	6	4	1	4	4	5	4	3	2	5	5	4	4	5	4	4	5	4	5	4	5				
PCUF	CUFK	3	4	2	4	3	3	4	3	2	4	2	3	3	4	4	3	2	5	3	4	6	3	4	3	4	1	1	19	29	30	40	29	3	4	2	3	3	3	2	5	4	4	3	2				
Total Co-Gen		6	8	5	9	6	7	7	6	6	8	5	7	8	10	9	8	7	12	8	10	9	8	10	9	10	9	8	2	23	33	35	34	34	7	7	4	8	8	7	6	10	8	9	7	7			
Total Gen		14919	14492	14290	13981	13735	13480	13308	13108	12992	12823	12799	12811	12970	13112	13056	12961	13543	14531	15368	15848	16201	16519	16760	16931	16828	16543	16392	16862	17053	17574	17651	17604	17630	17572	17266	16627	16120	15678	15814	16506	16857	16785	16690	16507	16315	16155	15902	15507
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		-29	-28	-29	-28	-29	-29	-30	-29	-29	-29	-30	-29	-30	-28	-30	-30	-29	-29	-29	-27	-28	-28	-29	-29	-29	-29	-29	-29	-29	-29	-29	-29	-29	-29	-29	-30	-30	-28	-28	-29	-29	-19	-29	-29				
TIE-PLTG		83	-16	-15	-24	19	-3	40	23	29	12	15	12	-11	59	47	9	60	82	57	-29	2	-3	56	28	26	42	64	3	-9	98	52	36	5	16	17	32	23	74	25	41	14	17	26	63	-11	15	31	
Interconnection		54	-43	-14	-52	-11	-32	11	-21	-6	0	-17	-14	-18	-40	29	18	-20	32	52	27	-58	-27	-32	29	-1	-3	12	35	-26	-37	68	23	6	-25	-13	-13	3	-6	45	-4	11	-26	-11	-2	34	-40	-14	2
System Total		14872	14542	14311	14040	13753	13519	13304	13136	13005	12830	12823	12832	12995	13159	13034	12950	13570	14506	15323	15828	16266	16553	16799	16909	16836	16553	16386	16834	17086	17618	17590	17588	17631	17604	17286	16647	16124	15691	15776	16517	16853	16818	16708	16516	16288	16202	15923	15512
SRev ST-Coal		171	308	355	445	449	452	443	411	390	386	394	393	391	391	385	393	395	387	216	159	157	167	160	161	162	162	173	167	167	158	162	156	151	164	156	148	171	145	155	157	166	175	151	151	151	159	152	151
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		
SRev CCGT-Gas		706	713	634	558	752	952	1194	1407	1545	1718	1616	1580	1528	1421	1480	1575	1270	841	685	680	340	207	354	311	539	566	682	429	454	298	262	299	257	275	327	532	669	1077	925	262	293	306	314	501	340	430	626	815
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		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	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		374	525	612	612	914	1040	1040	1040	1040	1040	1040	1166	1166	1166	1166	1166	914	763	914	914	763	576	727	540	763	763	763	727	727	453	302	302	302	302	489	953	1166	1166	1015	914	489	489	676	676	914	1002	1128	1166
Hydro		594	384	333	395	142	79	79	101	101	102	100	104	103	108	108	108	246	245	112	105	302	398	205	307	257	336	334	240	291	284	372	543	545	563	334	212	74	89	221	211	395	444	367	367	190	252	188	147
S.Reserve Total		1845	1930	1934	2010	2257	2523	2756	2959	3076	3246	3150	3243	3188	3086	3139	3242	2825	2236	1927	1858	1562	1348	1446	1319	1721	1827	1952	1563	1639	1193	1098	1300	1255	1304	1306	1845	2080	2477	2316	1544	1343	1414	1508	1695	1595	1843	2094	2279