

Daily System Generation Summary on Friday

Friday, December 06, 2019

Availability at Daily Maximum Demand Hour

ST-Coal	0 MW
ST-Gas	0 MW
ST-Oil	0 MW
Hydro	2,317 MW
Distillate	0 MW
Total TNB	2,317 MW
Total IPP	15,000 MW
Total Co-Gen	0 MW
Total System	19,431 MW

Generation Mix

Type	MWh	Percentage
Hydro	22,423	6.20 %
Gas	22,769	6.30 %
Total TNB	45,192	12.50 %
ST-Coal	186,214	51.49 %
LSS	2,319	0.64 %
Gas	125,453	34.69 %
Total IPP	313,986	86.81 %
Co-Gen	1,607	0.44 %
Total Co-Gen	1,607	0.44 %
Total Generation	360,785	99.75 %
PLTG	-195	-0.05 %
HVDC	-698	-0.19 %
Interconnection	-893	-0.25 %
Net Energy	361,678	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	18,571 MW
TNB Generation	2,475 MW
IPP Generation	14,481 MW
Spinning Reserve	1,548 MW
Maximum Demand	17,032 MW
Net Energy	361,678 MWH
Load Factor	88.48 %

Fuel Cost

Total Cost:	64,290,679.37 RM
Cost per Unit	17.80 cents/kWH

Average Spinning Reserve During Peak Hour

Type	MW
GT	559
Hydro	528
Syncon	565
Thermal	160
Total	1,812

Time Weather Temperature

Afternoon	Hot	32
Morning	Sunny	28

Gas Usage

Station	(mmscfd)
GLGR	48
PGPS	22
TJGS	102
Total TNB	172
CBPS	52
KLPP	98
MPSS	27
NPRI	157
PGLA	58
PLPS	93
SGB3	88
SGRI	137
SKSP	51
YPKA	71
Total IPP	831
Total Gas	1,002

Total Gas Required 1,002

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	14798	14151	13537	13191	12822	12742	12793	12923	13320	14963	15798	16449	16469	16035	16334	16895	17032	16694	15806	15800	16267	16047	15596	15231

Prepared By: -Select Name-

Checked By: -Select Name-

Printed on: Friday, January 03, 2020 9:55:19 AM

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

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		
JMAH	U001	695	686	693	693	693	692	696	691	693	693	689	693	695	692	693	692	689	692	693	693	692	689	692	691	692	
JMHE	U001	982	982	797	802	798	798	804	799	798	799	803	795	801	801	801	803	801	801	986	980	980	977	981	981	982	
JMHE	U002	748	750	749	755	748	751	751	750	749	748	750	750	750	748	752	752	751	750	749	750	751	751	748	752		
JMJG	U004	978	979	899	806	800	803	801	804	801	801	801	800	801	801	801	804	801	861	960	977	977	977	977	978	977	
JMJG	U005	442	445	448	445	451	452	446	447	450	445	454	451	447	451	449	449	447	443	444	399	397	401	402	399	401	
PKLG	U003	283	283	284	284	282	283	282	281	282	282	283	280	284	280	284	282	280	280	280	279	280	280	280	279	283	
PKLG	U004	281	281	282	280	280	282	281	279	280	280	283	281	281	282	277	279	279	281	282	281	279	281	282	281	280	
PKLG	U005	466	466	466	468	468	467	468	467	467	466	464	466	471	470	464	468	468	467	466	468	469	469	469	468	467	
TBIN	U001	689	690	690	689	691	689	691	690	690	689	689	690	692	689	691	692	690	691	690	689	691	680	681	680	680	
TBIN	U002	690	692	694	690	691	695	689	691	694	693	690	693	693	692	695	691	692	695	693	693	692	693	692	687	692	
TBIN	U003	690	689	692	692	689	692	692	690	691	692	691	691	691	692	692	691	692	694	690	690	692	691	691	691	692	
TBIN	U004	984	981	893	805	804	804	802	802	801	803	802	803	803	804	804	802	803	801	881	969	982	984	983	982	983	
Total ST-Coal		7928	7924	7587	7409	7395	7408	7403	7391	7396	7391	7399	7390	7409	7404	7401	7402	7400	7458	7824	7918	7929	7879	7880	7887	7889	
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	362	358	361	361	362	361	359	317	216	220	219	217	220	220	221	300	360	360	356	360	353	357	360	358	362	
GLGR	GT01	68	68	68	68	67	67	69	67	67	67	68	68	68	68	67	69	99	101	101	102	102	102	102	102	102	
GLGR	GT02	68	68	68	69	68	69	68	68	68	68	68	68	68	69	69	68	68	68	100	102	102	102	102	102	102	
GLGR	ST1C	71	70	71	70	71	70	70	71	70	71	70	71	70	70	71	70	70	87	92	92	92	92	78	71	72	
KLPP	GT13	116	116	116	116	116	117	70	70	70	70	70	70	69	71	69	70	107	108	116	130	136	130	133	136	136	
KLPP	GT14	125	62	0	0	0	0	0	0	0	0	0	0	0	0	0	29	123	128	140	146	140	145	146	144	147	
KLPP	GT15	125	134	132	132	131	131	85	80	80	80	80	80	81	84	81	102	119	119	126	139	145	138	146	143	147	
KLPP	ST17	201	188	136	136	135	135	99	99	97	97	97	97	97	97	98	103	123	194	197	206	210	206	211	211	210	
MPSS	GT02	89	89	88	88	87	88	91	89	88	88	88	88	88	90	87	88	88	88	87	88	88	90	88	88	89	87
MPSS	ST01	37	36	37	36	36	36	37	36	37	36	36	36	36	37	37	36	36	36	37	36	37	38	38	38	38	
NPRI	BLK1	510	508	511	506	505	508	511	495	476	468	445	454	445	509	490	484	496	505	508	511	511	507	511	511	509	
NPRI	BLK2	511	511	513	508	508	510	513	509	506	508	508	505	508	514	512	508	512	508	510	513	512	509	514	512	511	
PCGP	PGRG	602	598	603	595	593	594	601	593	587	592	592	586	591	603	601	590	600	596	595	601	591	605	602	596	600	
PGLA	GT12	243	251	251	253	254	254	180	179	177	179	178	175	178	180	178	211	253	251	249	245	242	237	236	235	237	
PGLA	ST10	95	104	111	113	113	113	90	89	89	88	88	88	88	90	113	113	111	113	113	112	112	111	111	111	111	
PGPS	GT3B	71	70	72	70	72	71	71	71	70	71	70	71	70	71	70	71	71	71	71	71	69	71	71	71	71	
PGPS	ST3C	30	31	30	31	31	31	31	30	30	31	30	31	30	31	30	31	32	31	31	32	32	32	31	31	32	
PLPS	GT11	120	115	116	112	115	69	69	69	65	68	65	65	66	69	69	69	113	115	111	138	134	127	136	136	137	
PLPS	GT12	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	74	117	142	139	131	140	140	142		
PLPS	GT13	118	112	112	108	113	64	64	63	61	64	61	61	59	64	63	63	111	112	109	134	130	124	132	133	132	
PLPS	ST18	138	133	133	133	133	92	91	91	91	90	89	89	88	91	92	91	134	136	197	210	211	205	211	211	211	
SGB3	GT31	105	104	104	104	65	65	65	65	65	65	65	65	64	64	65	65	65	116	114	118	118	140	138	138		
SGB3	GT32	111	114	113	109	74	73	73	72	72	73	73	73	73	73	73	73	119	116	119	123	146	142	142	130		
SGB3	GT33	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	60	118	141	141	142	128	136		
SGB3	ST34	135	133	133	133	102	101	101	100	100	100	100	100	100	100	100	100	136	136	138	140	205	221	221	214		
SGRI	GT11	122	120	110	110	110	110	110	110	110	110	110	110	110	110	110	110	110	110	110	110	110	110	110	110	110	
SGRI	GT12	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	70	143	110		
SGRI	ST14	63	60	61	59	60	61	58	59	58	59	58	58	59	57	57	58	57	58	58	58	59	129	130	130		
SGRI	GT21	109	108	110	108	68	68	68	68	68	69	69	68	68	68	68	68	108	107	108	107	108	133	130	131		
SGRI	GT22	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	46	142	138	135			
SGRI	GT23	110	111	111	111	72	70	70	70	70	70	70	69	69	70	70	71	111	111	109	109	110	143	136	137		
SGRI	ST24	129	126	126	126	95	96	96	97	97	93	96	95	96	96	93	95	126	126	125	125	191	210	204			

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	
SKSP	BLK1	219	219	221	217	221	227	218	218	219	219	218	221	217	224	220	222	228	318	317	317	318	317	270	317	314	314	313	313	319	317	318	279	327	291	301	283	313	332	299	284	286	284	298	325	324	284	217	
TJGS	GT1A	218	143	219	148	184	137	158	142	138	139	140	142	140	173	170	141	143	193	217	220	220	218	221	219	219	219	219	218	218	218	221	220	220	221	221	216	219	220	219	216	219	213	219	223	220	222	220	
TJGS	GT1B	212	140	219	141	178	131	155	135	137	134	136	135	135	169	166	133	140	188	211	217	217	215	216	215	211	215	216	215	216	216	216	215	217	214	215	214	206	214	217	212	212	214	210	214	217	214	219	214
TJGS	ST1C	205	179	227	207	205	194	196	180	181	181	177	177	177	194	212	180	181	206	218	240	240	240	240	240	240	240	240	240	240	240	240	240	240	240	240	237	241	241	241	241	241	241	242	242	242	242	242	
TJGS	GT2A	77	77	66	63	49	27	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			
YPKA	GT11	117	65	66	66	66	66	66	66	66	66	66	66	66	66	66	66	133	97	126	126	125	126	125	125	67	67	128	127	127	126	126	125	126	124	123	121	124	67	130	128	128	128	129	129	129	129	118	
YPKA	GT12	70	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	131	98	128	128	127	127	127	127	68	68	129	130	129	128	127	127	127	125	126	123	126	68	131	129	129	130	131	131	130	131	121	
YPKA	ST10	50	34	32	32	32	32	32	32	31	31	32	31	32	32	32	32	75	101	122	122	122	122	122	80	80	119	123	123	122	121	121	122	121	120	120	122	81	122	123	124	123	124	125	124	124	121		
YPKA	GT21	105	66	66	66	66	66	66	66	66	66	66	65	66	66	65	66	66	79	65	64	130	126	129	128	65	64	65	65	120	128	115	117	117	117	116	65	65	65	67	125	118	118	64	65	65	105	104	
YPKA	ST20	47	37	37	37	37	37	37	37	36	36	37	37	37	37	37	38	37	43	36	35	60	58	58	59	37	36	36	36	52	59	53	53	53	53	53	36	36	36	37	55	54	55	37	37	36	37	46	47
Total CCGT-Gas		5904	5458	5550	5342	5190	4935	4764	4603	4458	4466	4436	4428	4432	4618	4609	4627	5028	5905	6101	6445	6656	6869	7114	7101	7140	6888	6879	6905	7207	7127	7210	7220	7232	7294	7080	6918	6595	6539	6682	7205	7009	6957	6878	6934	6987	6970	6874	6692
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		
BSIA	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	12	21	21	21	11	12	12	12	12	12	11	12	12	12	0		
BSIA	HY02	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	22	22	22	22	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11		
BSIA	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	11	24	24	24	11	11	12	11	11	11	11	11	11	12	11	11	0	
CEND	HY01	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	0	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7			
CEND	HY02	7	7	7	7	7	7	7	7	7	6	6	7	7	6	7	7	7	7	7	7	7	0	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7			
CEND	HY03	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	0	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	126	124	125	125	125	125	125	125	125	125	125	125	124	125	125	127	125	125	125	126	126	125	125	124	126	125	124	125	62	125	125	125	125	125	125	63	63	125	125	125	53	62	125	125	125	125		
HTRG	HY02	125	125	124	125	125	125	124	125	125	125	124	125	124	125	125	63	125	125	125	125	125	124	125	125	125	125	124	125	125	125	125	125	125	125	124	124	63	63	123	123	123	58	63	0	0	0	0	
KNRG	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	21	35	35	35	24	25	25	25	24	25	25	25	25	25	25	0		
KNRG	HY02	23	23	23	23	22	23	23	23	22	22	22	22	22	23	23	22	23	22	23	23	22	23	23	23	23	23	23	37	37	37	36	36	36	36	24	24	25	24	24	24	24	24	24	24	24	25		
KNRG	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	22	35	35	35	24	25	26	25	24	25	25	24	25	25	25	25	0		
KNYR	HY01	99	98	99	99	99	99	99	99	99	98	98	98	98	98	99	96	99	97	99	99	99	99	99	99	98	98	99	99	99	99	99	99	100	99	97	95	95	101	99	98	97	97	97	98	100	98	98	
KNYR	HY02	100	99	100	100	100	100	100	100	100	99	98	98	99	100	97	100	98	99	99	99	100	99	99	99	99	99	99	99	99	99	100	101	100	99	96	96	102	100	98	98	98	98	99	100	99	99		
KNYR	HY03	100	99	100	100	99	99	99	99	99	100	99	99	98	98	98	99	99	97	100	98	99	99	99	99	99	99	99	99	99	99	99	100	101	100	98	96	96	102	99	98	98	98	98	99	100	99	99	
KNYR	HY04	100	99	100	100	100	100	100	100	100	99	99	99	99	99	100	97	101	98	100	99	99	100	99	99	100	100	99	99	100	99	100	100	101	100	98	96	96	102	100	99	98	98	98	99	100	99	99	
LPIA	HY01	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		
LPIA	HY02	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	20	20	20	20	20	20	20	20		
MNOR	HY01	2	2	2	2	2	2	2	2	2	2	2	1	1	1	1	1	1	1	1	1	1	3	3	3	3	2	2	2	2	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	1	1	
PGAU	HY01	-1	22	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	20	-1	-1	-1	-1	-1	-1	-1	22	22	22	22	-1	-1	-1	-1	-1	-1	21	21	21	21	21	-1	-1	-1		
PGAU	HY02	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	20	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	21	21	21	22	21	21	21	21	-1	-1	-1	21	21	21	21	21	-1	-1	-1	
PGAU	HY03	-1	-1	22	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	19	-1	-1	-1	-1	-1	-1	-1	21	22	22	22	22	22	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1		
PGAU	HY04	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	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	51	51	51	51	51	51	51	51	51	0	0	0	0	0	0	0	0	0	0	0	31	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	0		
SIHY	HY02	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			
UPIA	HY02	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5			
Total Hydro		880	892	896	874	871	873	872	873	872	771	767	763	786	765	768	769	700	771	766	773	840	944	1005	1135	1000	1014	835	834	847	1072	1204	1298	1405	1339	1327	1131	980	870	896	1083	1068	1072	937	952	901	883	784	645		
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		
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	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	1	7	13	20	26	32	36	40	42	44	45	46	46	45	43	41	24	37	34	17	8	7	5	2	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	13	13	14	14	24	24	34	47	36	14	14	14	11	24	24	35	18	18	18	14	6	3	3	3	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	8	14	20	28	35	40	41	31	35	50	42	50	29	16	46	41	34	33	16	18	9	2	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	2	6	13	20	26	30	38	41	45	47	46	40	46	46	44	45	41	36	13	17	14	7	2	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	1	3	11	18	24	30	35	38	43	37	35	39	45	45	44	41	42	37	28	22	20	5	1	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	2	3	3	3	9	11	7	13	12	14	21	4	13	3	6	5	7	6	2	2	2	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	2	8	16	25	32	29	46	52	51	56	47	58	56	42	54	17	9	26	34	27	17	10	2	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	1	5	11	18	24	31	33	29	35	44	24	30	22	37	19	22	16	10	6	4	6	3	1	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	8	41	101	148	191	227	283	294	306	350	324	309	310	298	258	265	236	235	158	116	104	55	16	3	3	3	0	0	0	0	0	0	0	0	0
PCUF	CUFG	31	31	32	31	30	30	31	31	30	31	31	31	31	31	31	31	31	31	31	31	32	31	32	31	31	30	32	31	31	30	31	31	30	31	31	31	31	31	30	31	30	32	31	31	30	31	31			
PCUF	CUFK	33	34	36	35	34	36	35	38	38	39	35	38	37	36	36	34	37	36	37	35	37	37	36	36	37	36	37	38	35	38	35	35	36	36	36	35	36	37	37	37	36	36	36	35	36	35	36	34	34	
Total Co-Gen		64	65	68	66	64	66	66	69	68	70	66	69	69	67	68	65	68	67	68	66	69	68	68	67	68	68	69	65	69	67	66	67	66	67	66	65	66	67	68	68	67	67	66	68	66	67	65	67	65	
Total Gen		14776	14339	14101	13691	13520	13282	13105	12936	12794	12698	12668	12650	12696	12854	12846	12871	13237	14302	14907	15393	15721	16043	16361	16496	16446	16176	15969	16006	16302	16614	16842	16919	17023	16953	16681	16309	15792	15583	15741	16453	16243	16173	15978	15894	15563	15371	15178	14857		
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		-29	-29	-29	-29	-29	-29	-29	-29	-29	-30	-30	-29	-29	-29	-29	-29	-29	-29	-29	-29	-29	-29	-29	-29	-29	-29	-29	-29	-29	-29	-29	-29	-29	-29	-29	-29	-29	-29	-29	-29	-29	-29	-29	-29	-29	-29	-29	-29		
TIE-PLTG		20	-41	-9	-8	24	-10	-46	17	13	-13	-32	3	-56	-1	-36	24	-42	13	-14	-18	-36	-30	-47	-26	18	-33	-25	-65	8	11	-12	19	33	18	28	-12	27	-18	-18	12	17	4	-28	2	8	-24	-12	3		
Interconnection		-10	-70	-38	-37	-5	-39	-74	-12	-16	-42	-62	-27	-85	-30	-65	-5	-71	-16	-44	-48	-65	-59	-76	-56	-11	-62	-54	-94	-20	-18	-41	-9	3	-12	-1	-41	-2	-47	-47	-17	-12	-25	-57	-26	-21	-53	-41	-26		
System Total		14798	14421	14151	13740	13537	13333	13191	12960	12822	12752	12742	12689	12793	12896	12923	12888	13320	14330	14963	15453	15798	16114	16449	16564	16469	16250	16035	16112	16334	16644	16895	16940	17032	16977	16694	16362	15806	15642	15800	16482	16267	16210	16047	15932	15596	15436	15231	14895		
SRev ST-Coal		125	129	343	348	350	340	353	355	349	356	352	357	340	349	348	351	348	347	210	135	124	114	113	106	104	111	115	105	138	155	147	144	179	157	150	153	148	153	151	148	147	165	148	301	305	140	140	138		
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	0
SRev CCGT-Gas		944	1260	943	1141	1293	1508	1669	1810	1955	1947	1977	1985	1981	1795	1804	1786	1538	934	949	605	597	526	281	364	474	726	735	709	407	487	404	394	457	395	609	771	1094	1150	1007	484	680	732	811	755	702	719	815	997		
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	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	0
SRev Co-Gen		11	10	7	9	11	9	9	6	7	5	9	6	6	8	7	10	7	8	7	9	6	7	7	8	8	7	7	6	10	6	8	9	8	9	8	9	10	9	8	7	7	8	8	9	7	9	8	10	8	10
Syncon		1001	850	850	1001	1001	1001	1001	1001	1001	1001	1001	1001	1001	850	1001	1001	1001	1001	1001	1001	1001	1001	1001	814	663	476	814	814	1001	1001	913	338	187	0	0	338	338	525	915	915	915	525	525	525	525	525	764	915	915	1001
Hydro		270	259	255	126	129	127	128	127	128	129	133	137	265	135	132	131	200	129	134	127	160	262	383	490	287	273	165	166	154	691	795	888	908	636	648	607	368	478	452	655	670	666	801	786	473	340	289	130		
S.Reserve Total		2351	2508	2398	2625	2784	2985	3160	3299	3440	3438	3472	3486	3442	3288	3292	3279	3094	2419	2301	1877	1888	1723	1447	1444	1687	1931	2048	1987	1709	1677	1541	1435	1552	1535	1755	2090	2533	2703	2532	1820	2030	2097	2292	2376	2252	2124	2167	2276		