

Daily System Generation Summary on Sunday

Sunday, December 15, 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	13,431 MW
Total Co-Gen	75 MW
Total System	18,491 MW

Generation Mix

Type	MWh	Percentage
Hydro	16,034	5.35 %
Gas	34,797	11.62 %
Total TNB	50,831	16.98 %
ST-Coal	153,839	51.38 %
LSS	1,163	0.39 %
Gas	90,512	30.23 %
Total IPP	245,514	81.99 %
Co-Gen	1,502	0.50 %
Total Co-Gen	1,502	0.50 %
Total Generation	297,847	99.47 %
PLTG	-902	-0.30 %
HVDC	-685	-0.23 %
Interconnection	-1,587	-0.53 %
Net Energy	299,434	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:	20:00:00 Hour
Total Set On Bus	15,340 MW
TNB Generation	2,686 MW
IPP Generation	10,940 MW
Spinning Reserve	1,652 MW
Maximum Demand	13,792 MW
Net Energy	299,434 MWH
Load Factor	90.46 %

Fuel Cost

Total Cost:	51,548,792.06 RM
Cost per Unit	17.29 cents/kWH

Average Spinning Reserve During Peak Hour

Type	MW
GT	735
Hydro	268
Syncon	776
Thermal	131
Total	1,910

Time Weather Temperature

Afternoon	Rainy	32
Morning	Sunny	27

Gas Usage

Station	(mmscfd)
GLGR	50
PAKA	0
TJGS	199
Total TNB	249
CBPS	51
KLPP	47
NPRI	154
PGLA	102
PLPS	61
SGB3	35
SGRI	44
SKSP	4
YPKA	54
Total IPP	553
Total Gas	803

Total Gas Required 803

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	13063	12522	12113	11819	11602	11456	11487	11528	11209	11787	12414	12768	12676	12672	12726	12774	12759	12597	12527	13128	13792	13564	13315	12948

Prepared By: -Select Name-

Checked By: -Select Name-

Printed on: Sunday, January 05, 2020 8:52:25 AM
(Ir. Shanmugam Thoppalan)
Pengurus Besar Kanan
Jabatan Sistem Operasi

Daily MW Generation on Sunday

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	689	693	691	692	689	693	691	691	694	692	691	693	692	690	694	697	691	692	693	693	692	692	695	694	692	691	693	692	691	692	692	693																	
JMAH	U002	0	0	85	199	200	215	212	214	211	213	212	264	322	312	322	351	409	453	521	605	602	605	602	600	606	604	605	602	603	608	605	605	619	691	697	691	637	635	632	636	634	638	669	701	696	688	693		
JMHE	U001	850	850	775	779	778	782	780	781	782	777	778	777	777	781	780	782	780	780	780	774	777	784	784	780	829	836	831	831	828	832	828	829	833	826	832	826	831	832	879	879	876	878	879	882	883	879	886	879	
JMJG	U004	860	857	828	782	786	785	787	783	785	783	782	785	786	785	788	785	787	789	791	791	790	790	805	830	832	833	829	833	832	834	833	834	837	832	834	834	834	834	887	882	883	881	881	885	882	881	883	884	
PKLG	U003	283	283	283	283	283	283	281	282	284	283	283	281	281	282	283	282	283	283	283	280	283	282	281	281	283	282	285	280	282	281	282	285	282	280	282	282	281	282	282	283	278	280	279	281	280	283	284		
PKLG	U004	280	283	281	280	278	280	278	279	293	280	278	280	279	280	283	281	280	279	276	280	281	279	280	278	283	282	278	280	280	280	279	280	281	277	281	282	280	281	288	280	279	278	278	282	281	280	271		
PKLG	U005	466	466	466	467	466	465	467	467	467	466	468	466	474	474	466	466	466	465	466	466	466	466	466	466	468	466	468	466	466	468	468	467	465	466	467	465	465	468	472	468	467	466	466	468	468	466			
TBIN	U001	689	689	691	693	692	689	690	690	687	690	691	686	690	691	689	691	689	689	689	692	688	687	690	689	689	690	691	689	690	693	692	689	689	689	690	688	690	689	690	689	686	689	689	681	685	690	690		
TBIN	U002	690	696	694	694	694	690	693	693	693	691	692	695	691	695	693	690	694	689	689	693	692	691	690	692	692	694	689	695	694	692	693	695	694	692	693	695	691	693	692	694	693	692	693	695	695	695	689	690	695
TBIN	U003	689	685	694	692	687	690	690	687	692	690	687	687	692	687	689	690	689	690	692	689	692	690	692	685	689	690	686	687	689	685	692	690	689	692	691	686	690	690	686	689	689	689	692	689	689	692	688	687	
TBIN	U004	854	852	817	779	783	781	783	783	781	783	783	783	782	782	781	782	784	781	783	783	783	786	834	834	833	833	833	833	833	833	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Total ST-Coal		6350	6354	6305	6340	6336	6353	6352	6350	6369	6348	6349	6353	6396	6469	6466	6463	6495	6558	6600	6659	6745	6757	6772	6828	6882	6906	6886	6897	6879	6891	6072	6065	6070	6076	6147	6145	6153	6093	6192	6195	6192	6177	6192	6224	6251	6243	6248	6242	
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	
CBPS	BLK2	357	352	354	354	353	360	351	357	321	219	218	220	219	226	219	218	218	223	334	359	363	359	358	357	352	363	359	364	356	351	353	354	356	359	358	359	358	361	362	356	359	355	361	352	358	352	355	360	358
GLGR	GT01	68	68	68	69	69	68	67	67	68	69	68	68	67	69	69	69	68	68	69	68	67	68	84	83	68	68	83	100	99	100	101	99	99	98	100	98	99	99	99	98	100	95	95	96	96	68	68		
GLGR	GT02	67	68	67	68	68	68	68	68	68	68	68	68	68	68	68	68	68	67	68	68	85	84	67	68	84	100	100	100	100	100	100	100	100	100	99	100	100	100	100	99	99	99	98	100	96	67	68	68	
GLGR	ST1C	71	71	71	71	70	71	70	71	71	72	71	71	71	71	71	71	71	71	71	71	77	83	77	71	77	91	91	91	92	91	91	91	91	91	91	91	91	91	91	91	89	89	90	89	74	71	71		
KLPP	GT13	119	109	122	117	116	117	117	121	120	120	117	120	120	120	121	121	119	121	121	120	120	120	117	115	121	120	138	137	138	137	140	142	141	140	140	139	141	141	140	141	140	141	138	138	140	139	125		
KLPP	GT14	134	124	81	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	35	76	155	156	158	158	159	159	158	140				
KLPP	ST17	132	125	112	51	51	53	51	51	55	56	59	59	59	55	53	59	55	55	54	54	59	59	59	55	55	52	64	56	56	58	62	58	56	58	55	55	56	100	128	128	131	132	131	131	131	131	128		
MPSS	ST01	6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0				
NPRI	BLK1	497	492	491	496	494	496	492	501	500	503	496	499	497	505	505	504	503	506	506	498	502	505	505	497	490	505	502	505	494	502	494	502	503	500	497	496	499	505	503	493	502	493	493	502	497	492	503	501	
NPRI	BLK2	499	494	493	499	496	497	497	502	504	507	499	499	499	508	507	507	506	507	509	511	505	509	505	499	494	506	503	505	496	503	497	506	506	505	497	497	502	502	506	496	506	497	494	505	498	491	505	502	
PAKA	GT4B	84	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0			
PCCP	PGRG	579	572	571	584	577	584	573	590	593	596	586	586	587	603	603	459	396	399	402	589	591	604	597	586	573	598	595	605	577	594	588	581	590	578	593	583	601	603	588	586	586	590	579	589	588	583	593	590	
PGLA	GT11	204	197	181	200	162	165	167	168	167	169	165	167	166	170	171	167	167	170	168	178	169	166	173	161	167	166	175	162	165	164	161	163	173	164	180	199	181	164	202	210	208	202	209	208	169	165	164		
PGLA	GT12	222	216	200	219	180	182	187	187	188	189	186	185	186	190	190	185	184	187	189	186	196	186	185	192	179	185	183	193	181	184	182	182	180	191	184	197	218	200	182	222	229	222	229	230	189	183	184		
PGLA	ST10	232	224	223	229	203	205	195	199	198	199	198	198	199	201	199	203	205	207	205	212	203	205	207	203	204	204	204	204	204	203	204	210	220	205	219	225	222	208	234	231	234	232	234	232	209	205	205		
PLPS	GT11	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	63	111	116	126	130	126	130	126	126	126	126	126	126	127	126	114	141	137	128	120	118	112	121	112	128	122	0	
PLPS	GT12	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4	92	132	118	123	114	126	115	132	127	126			
PLPS	GT13	121	120	119	124	124	124	125	124	124	124	124	125	124	124	124	125	124	124	124	125	125	124	122	123	108	112	122	126	123	126	122	122	124	123	125	124	113	136	133	124	122	114	108	117	110</				

Daily MW Generation on Sunday

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	129	128	97	67	66	67	66	66	66	66	67	66	66	66	67	67	67	67	67	67	95	131	131	130	101	67	66	66	98	100	99	126	127	125	127	125	125	124	123	122	122	122	122	122	122	123	123		
YPKA	ST10	122	121	102	78	78	78	78	78	78	78	78	78	78	78	78	78	78	79	78	78	91	122	123	123	115	79	79	79	101	101	99	120	120	119	120	120	122	121	122	121	121	121	120	121	121	121	120	120	
YPKA	GT21	65	64	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	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	ST20	38	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	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 CCGT-Gas		5894	5651	5415	5256	5031	4952	4794	4718	4551	4585	4432	4511	4444	4554	4513	4326	4256	4481	4451	4745	4957	5108	5145	5203	4964	4989	4992	5119	5077	5136	5132	5348	5458	5462	5380	5447	5533	5581	5734	6194	6381	6292	6197	6323	6250	6093	5909	5673	
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		
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	0	0	0	0	0	0	12	11	12	12	0	0	0	0	0	0		
BSIA	HY02	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	10	10	10	10	10	10	10	10	10	10	10	10	10	10	21	21	21	21	22	10	10	11	21	21	10	10	10	11	11	11	11	11	
CEND	HY01	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	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		
CEND	HY02	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	7	7	7	6	7	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	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	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		
CEND	HY04	8	8	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	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	63	63	63	63	63	63	63	124	125	124	125	124	125	110	-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	62	63	63	63	63	63	63	124	125	124	124	124	110	63	-1	-1	-1	-1	
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	0	0	0	0	0	0	0	23	23	23	23	0	0	0	0	0	0		
KNRG	HY02	22	22	21	22	22	22	21	22	22	22	22	22	22	22	22	22	22	22	23	22	25	25	25	25	25	25	25	25	25	25	36	36	36	36	36	36	21	20	21	36	36	21	21	22	22	22	22		
KNYR	HY01	98	96	96	96	95	95	95	96	96	96	96	96	98	57	58	55	57	98	99	58	98	98	96	96	97	97	97	98	90	96	96	98	98	98	98	98	98	100	98	97	97	97	97	95	95	95	95		
KNYR	HY02	99	98	97	97	96	96	96	97	97	99	98	98	99	59	60	57	59	60	99	99	99	99	18	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	96	96	96	96
KNYR	HY03	98	97	97	96	95	95	95	96	96	99	97	97	98	98	99	56	58	58	99	99	99	98	98	99	96	96	97	98	97	99	91	97	97	98	98	98	99	99	100	99	98	97	97	97	97	96	96	96	96
KNYR	HY04	99	97	97	97	96	95	96	97	97	99	97	97	99	99	99	0	0	58	99	99	99	98	98	98	96	96	97	98	97	98	90	97	97	98	98	98	99	98	100	98	98	97	97	97	97	96	96	96	96
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	10		
LPIA	HY02	18	18	18	18	18	18	18	18	18	18	18	18	18	18	18	18	18	20	20	20	20	20	20	20	20	20	20	20	20	18	18	18	18	18	18	18	18	18	18	18	18	18	18	18	20	20	20	20	
MNOR	HY01	7	7	7	7	7	7	7	4	4	4	4	4	4	4	4	4	4	4	4	4	4	2	2	6	6	6	6	6	6	6	6	6	6	6	6	6	6	8	8	8	8	8	8	8	9	9	9	9	8
PGAU	HY01	-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	-1	81	22	22	22	-1	-1	-1	-1	-1	21	-1	-1	-1	-1	-1	-1	-1	-1	-1
PGAU	HY02	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-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		
PGAU	HY03	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	19	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	109	80	21	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	
SIHY	HY01	31	50	50	50	30	30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	31	31	32	34	36	37	39	56	57	56	31	31	30	31	31	31	31	31	50	50	50	50	50	50	50	30	30	30
SIHY	HY02	30	50	50	50	30	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	30	30	30	30	30	30	30	30	50	50	50	50	50	50	50	30	30	30	30
SYPS	HY01	17	17	17	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	17	17	17	17	17	17	17	17	25	25	25	25	25	25	0	0	0	0	
SYPS	HY02	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	17	17	17	17	17	17	17	17	25	25	25	25	25	25	0	0	0	0		
SYPS	HY03	17	17	17	17	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	17	25	25	17	17	17	17	17	17	17	17	17	17	25	25	25	25	25	25	16	16	16	16
SYPS	HY04	17	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	25	25	17	17	17	17	17	17	17	17	25	25	25	25	25	25	17	17	17	17	
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	81	81	81	81	81	-1	-1	-1	62	61	62	62	61	-1	-1	-1	-1	-1	
TMGR	HY02	32	31	30	32	31	33	31	34	34	34	32	33	32	34	34	34	34	34	0	0	0	0	0	0	0	0	0	0	0	-1	83	83	84	83	84	32	33	33	61	61	61	62	60	32	32	31	33	33	
TMGR	HY03	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	60	60	60	60	60	57	35	-1	-1	-1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
TMGR	HY04	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	34	33	31	34	34	34	32	61	59	59	61	60	61	32	33	33	61	60	60	61	59	30	29	29	-1	-1	
UJLI	HY01	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1</																														

Daily MW Generation on Sunday

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	0	2	6	14	9	8	23	30	32	28	45	29	42	12	18	43	4	39	3	1	2	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	2	5	9	12	10	26	29	21	35	10	50	22	25	16	19	36	13	21	16	1	3	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	1	1	4	5	12	13	14	22	26	37	18	18	13	10	5	3	12	2	4	4	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	1	4	8	9	12	10	16	31	22	19	17	24	36	21	19	13	9	10	18	2	2	2	1	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	1	13	36	59	64	100	136	183	185	176	171	187	188	124	115	141	129	156	79	50	18	13	6	0	0	0	0	0	0	0	0	0		
PCUF	CUFG	30	30	29	30	29	30	29	30	30	30	29	29	29	27	29	27	26	27	26	27	26	27	26	27	26	27	26	27	26	27	29	29	30	29	30	29	30	30	29	29	32	32	32	34	35	35		
PCUF	CUFK	39	34	34	33	34	33	34	34	34	34	34	33	33	34	34	33	33	35	35	33	35	33	31	33	34	33	32	32	32	34	32	34	33	32	33	33	32	32	32	33	32	32	33	32	35	34		
Total Co-Gen		69	64	63	63	63	64	63	64	64	64	63	62	62	62	63	63	63	64	64	62	62	62	58	59	61	61	59	58	59	59	61	61	63	63	61	63	62	62	62	62	61	64	65	64	69	69		
Total Gen		12972	12726	12436	12314	12006	11945	11725	11651	11504	11526	11365	11448	11428	11552	11491	11175	11135	11521	11718	12076	12370	12654	12708	12807	12604	12633	12600	12755	12657	12754	12683	12704	12699	12613	12532	12374	12468	12573	13076	13551	13688	13583	13463	13479	13208	13031	12829	12586
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		-29	-29	-29	-29	-29	-29	-29	-30	-30	-29	-29	-29	-29	-29	0	-30	-30	-29	-29	-29	-29	-30	-30	-29	-29	-30	-30	-29	-29	-30	-30	-29	-29	-30	-30	-29	-29	-30	-30	-29	-29	-30	-30	-29	-28	-28		
TIE-PLTG		-49	-62	-44	-44	-66	-45	-53	-39	-56	-72	-51	-36	-18	14	4	-36	-32	-40	-28	52	-2	-44	-19	-31	-30	-56	-30	1	-28	-49	-50	4	-18	-8	-24	-60	-18	-12	-11	-39	-62	-102	-60	-71	-66	-72	-79	-64
Interconnection		-79	-92	-74	-74	-95	-73	-82	-68	-86	-102	-79	-65	-47	-14	-25	-65	-62	-69	-57	52	-32	-74	-48	-61	-60	-85	-60	-28	-57	-78	-79	-25	-48	-37	-53	-89	-47	-42	-40	-68	-92	-132	-89	-99	-95	-101	-107	-92
System Total		13063	12830	12522	12400	12113	12030	11819	11731	11602	11640	11456	11525	11487	11578	11528	11252	11209	11602	11787	12036	12414	12740	12768	12880	12676	12730	12672	12795	12726	12844	12774	12741	12759	12662	12597	12475	12527	12627	13128	13631	13792	13727	13564	13590	13315	13144	12948	12690
SRev ST-Coal		341	359	288	340	345	327	352	351	332	348	349	346	303	323	334	342	329	276	338	24	88	76	61	105	101	77	97	86	104	92	61	68	63	218	254	246	247	246	257	240	165	256	242	274	246	252	253	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		896	887	1048	982	1055	799	957	1033	1200	1166	1319	1240	1307	1197	1238	1425	1495	1270	1300	1006	794	643	606	691	1081	1056	979	852	894	835	839	623	513	509	591	524	438	547	822	578	467	556	651	525	598	755	939	817
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		6	11	12	12	12	12	11	12	11	11	11	12	13	13	13	12	12	12	11	11	13	13	13	17	16	14	14	16	17	16	16	14	14	12	12	14	12	13	13	13	13	13	14	11	10	11	6	6
Syncon		1251	1251	1251	1251	1251	1251	1251	1251	1251	1251	1251	1251	1100	1251	1100	1251	1100	1251	1251	877	791	791	791	791	877	877	1251	1253	0	187	374	525	827	913	913	913	827	676	827	827	827	913	1039	1165	1251	1251		
Hydro		199	151	155	153	182	181	143	138	138	129	138	137	132	342	208	387	250	418	104	104	142	134	265	178	188	205	151	158	129	70	597	688	648	543	282	385	382	257	149	288	184	185	161	220	270	255	197	198
S.Reserve Total		2693	2659	2754	2738	2845	2570	2714	2785	2932	2905	3068	2986	3006	2975	3044	3266	3337	3076	3004	2396	2288	1743	1736	1782	2177	2143	2118	1989	2395	2266	1513	1580	1612	1807	1966	2082	1992	1976	2068	1795	1656	1837	1895	1943	2163	2438	2646	2527