

Appendix A

Relative Standard Error

Table A1.A. Relative Standard Error for Net Generation by Fuel Type: Total (All Sectors) by Census Division and State, September 2008
(Percent)

Census Division and State	Coal	Petroleum Liquids	Petroleum Coke	Natural Gas	Other Gases	Nuclear	Hydroelectric Conventional	Other Renewables	Hydroelectric Pumped Storage	Other	Total
New England.....	29	18	--	4	--	0	41	6	0	7	7
Connecticut.....	0	82	--	16	--	0	204	14	0	7	12
Maine.....	0	61	--	8	--	--	51	4	--	30	18
Massachusetts.....	48	17	--	7	--	0	118	13	0	7	12
New Hampshire.....	0	138	--	4	--	0	80	27	--	42	8
Rhode Island.....	--	1,279	--	5	--	--	1,905	33	--	--	15
Vermont.....	--	1,462	--	0	--	0	122	35	--	--	50
Middle Atlantic.....	8	19	170	5	50	0	13	6	0	6	4
New Jersey.....	22	195	--	8	221	0	774	9	0	9	9
New York.....	30	16	27	7	--	0	13	10	0	12	8
Pennsylvania.....	8	53	320	9	28	0	92	10	0	6	5
East North Central.....	3	31	21	13	31	0	64	8	0	24	5
Illinois.....	6	96	301	30	173	0	241	13	--	19	8
Indiana.....	7	54	--	29	32	--	110	36	--	40	11
Michigan.....	8	47	0	22	0	0	119	12	0	26	8
Ohio.....	3	41	42	22	127	0	141	21	--	0	3
Wisconsin.....	9	159	0	29	--	0	112	15	--	45	12
West North Central.....	4	72	0	35	267	0	23	7	0	23	8
Iowa.....	12	118	0	56	--	0	157	23	--	167	14
Kansas.....	0	169	0	122	--	0	1,448	*	--	--	34
Minnesota.....	16	273	0	43	--	0	204	8	--	26	15
Missouri.....	5	168	--	26	0	0	7	54	0	0	6
Nebraska.....	15	130	--	66	--	0	247	45	--	--	13
North Dakota.....	13	246	--	4,619	275	--	0	51	--	--	13
South Dakota.....	38	2,310	--	441	--	--	28	38	--	0	68
South Atlantic.....	2	5	0	5	0	0	27	27	0	10	5
Delaware.....	16	22	0	21	0	--	--	2	--	0	10
District of Columbia.....	--	0	--	--	--	--	--	--	--	--	0
Florida.....	5	4	0	6	0	0	323	46	--	7	8
Georgia.....	1	85	0	7	--	0	46	52	0	58	9
Maryland.....	11	68	--	25	0	0	28	8	--	6	6
North Carolina.....	6	50	--	30	--	0	45	72	0	100	18
South Carolina.....	12	72	0	31	0	0	89	5	0	41	19
Virginia.....	10	27	--	10	--	0	66	33	0	19	11
West Virginia.....	4	19	0	63	0	--	113	0	--	0	5
East South Central.....	2	40	0	12	87	0	27	39	0	82	9
Alabama.....	3	119	--	25	79	0	40	55	--	91	21
Kentucky.....	4	91	0	36	0	--	52	14	--	0	4
Mississippi.....	3	26	--	8	517	0	--	57	--	138	11
Tennessee.....	2	30	--	33	0	0	42	18	0	0	4
West South Central.....	1	21	24	6	54	0	17	55	0	34	7
Arkansas.....	1	113	57	95	--	0	22	40	0	45	55
Louisiana.....	1	8	31	15	130	0	0	83	--	48	21
Oklahoma.....	4	229	--	11	1,202	--	24	184	0	0	13
Texas.....	0	181	34	7	42	0	119	124	--	16	7
Mountain.....	4	83	0	5	123	0	9	9	0	96	4
Arizona.....	3	193	--	3	--	0	2	90	0	--	3
Colorado.....	14	292	--	16	0	--	25	77	0	75	14
Idaho.....	131	16,720	--	34	--	--	7	9	--	59	30
Montana.....	28	68	0	478	0	--	23	44	--	--	33
Nevada.....	0	188	--	10	0	--	2	6	--	--	9
New Mexico.....	*	191	--	42	--	--	79	108	--	--	17
Utah.....	10	244	--	24	594	--	43	59	--	83	11
Wyoming.....	9	172	--	91	102	--	157	14	--	71	10
Pacific Contiguous.....	5	47	115	6	39	0	2	27	0	29	7
California.....	39	35	115	7	44	0	7	45	0	28	12
Oregon.....	0	345	--	5	0	--	3	13	--	153	5
Washington.....	0	221	--	19	0	0	1	6	0	40	10
Pacific Noncontiguous.....	105	11	--	23	685	--	20	22	--	20	14
Alaska.....	43	49	--	23	--	--	20	99	--	0	23
Hawaii.....	144	11	--	0	685	--	98	22	--	20	16

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Table A1.B. Relative Standard Error for Net Generation by Fuel Type: Total (All Sectors) by Census Division and State, Year-to-Date through September 2008
(Percent)

Census Division and State	Coal	Petroleum Liquids	Petroleum Coke	Natural Gas	Other Gases	Nuclear	Hydroelectric Conventional	Other Renewables	Hydroelectric Pumped Storage	Other	Total
New England.....	24	22	--	4	--	0	15	6	0	6	6
Connecticut.....	0	35	--	14	--	0	85	13	0	7	11
Maine.....	0	54	--	9	--	--	21	6	--	20	14
Massachusetts.....	42	16	--	6	--	0	44	11	0	7	12
New Hampshire.....	0	41	--	4	--	0	19	23	--	43	5
Rhode Island.....	--	668	--	5	--	--	764	38	--	--	13
Vermont.....	--	545	--	0	--	0	51	42	--	--	40
Middle Atlantic.....	14	16	157	3	21	0	6	6	0	5	3
New Jersey.....	20	145	--	13	131	0	286	11	0	9	11
New York.....	34	9	36	6	--	0	6	9	0	9	7
Pennsylvania.....	13	63	274	8	11	0	41	10	0	5	6
East North Central.....	4	17	19	7	16	0	26	7	0	16	3
Illinois.....	8	51	202	22	65	0	122	16	--	46	8
Indiana.....	3	13	--	22	18	--	38	27	--	26	7
Michigan.....	9	23	0	14	0	0	48	10	0	17	9
Ohio.....	3	17	35	12	41	0	55	20	--	0	3
Wisconsin.....	9	99	0	21	--	0	44	15	--	38	11
West North Central.....	5	47	0	14	90	0	10	9	0	21	5
Iowa.....	13	149	0	27	--	0	71	26	--	171	12
Kansas.....	0	67	0	47	--	0	590	1	--	--	15
Minnesota.....	17	171	0	30	--	0	80	10	--	23	15
Missouri.....	4	94	--	15	0	0	10	44	0	0	5
Nebraska.....	12	84	--	14	--	0	81	45	--	--	9
North Dakota.....	13	79	--	5,151	91	--	0	33	--	--	13
South Dakota.....	33	1,142	--	91	--	--	9	63	--	0	39
South Atlantic.....	3	5	0	4	0	0	11	24	0	7	4
Delaware.....	11	28	0	17	0	--	--	7	--	0	10
District of Columbia.....	--	0	--	--	--	--	--	--	--	--	0
Florida.....	5	5	0	5	0	0	130	42	--	6	5
Georgia.....	1	30	0	4	--	0	20	52	0	36	6
Maryland.....	11	32	--	35	0	0	18	7	--	4	10
North Carolina.....	7	31	--	16	--	0	17	66	0	63	10
South Carolina.....	8	24	0	18	0	0	37	2	0	23	9
Virginia.....	10	8	--	7	--	0	28	31	0	11	7
West Virginia.....	5	6	0	60	0	--	52	0	--	0	5
East South Central.....	3	29	0	9	67	0	8	38	0	60	7
Alabama.....	8	61	--	14	57	0	13	56	--	52	14
Kentucky.....	3	39	0	19	0	--	21	11	--	0	3
Mississippi.....	3	37	--	10	442	0	--	55	--	121	11
Tennessee.....	2	13	--	34	0	0	12	20	0	0	3
West South Central.....	1	55	20	5	48	0	7	48	0	21	5
Arkansas.....	1	27	44	14	--	0	7	39	0	23	10
Louisiana.....	1	23	30	12	114	0	0	84	--	28	14
Oklahoma.....	4	149	--	6	567	--	12	157	0	0	7
Texas.....	0	87	21	5	35	0	38	99	--	10	4
Mountain.....	4	53	0	5	78	0	5	9	0	63	4
Arizona.....	3	77	--	3	--	0	3	82	0	--	3
Colorado.....	9	253	--	15	0	--	45	45	0	75	12
Idaho.....	128	4,467	--	33	--	--	8	11	--	35	33
Montana.....	29	69	0	456	0	--	9	44	--	--	32
Nevada.....	0	168	--	14	0	--	3	5	--	--	12
New Mexico.....	*	75	--	34	--	--	136	62	--	--	15
Utah.....	8	189	--	20	466	--	71	33	--	56	11
Wyoming.....	9	51	--	96	27	--	59	19	--	43	11
Pacific Contiguous.....	4	49	110	6	41	0	3	20	0	18	7
California.....	32	51	110	8	47	0	8	33	0	17	10
Oregon.....	0	372	--	5	0	--	5	13	--	94	6
Washington.....	0	67	--	7	0	0	2	6	0	41	4
Pacific Noncontiguous.....	32	7	--	21	542	--	32	14	--	2	11
Alaska.....	44	31	--	21	--	--	34	223	--	0	24
Hawaii.....	35	7	--	0	542	--	108	13	--	2	7

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Table A2.A. Relative Standard Error for Net Generation by Fuel Type: Electric Utilities by Census Division and State, September 2008
(Percent)

Census Division and State	Coal	Petroleum Liquids	Petroleum Coke	Natural Gas	Other Gases	Nuclear	Hydroelectric Conventional	Other Renewables	Hydroelectric Pumped Storage	Other	Total
New England.....	0	160	--	151	--	--	108	0	--	--	28
Connecticut.....	--	4,681	--	0	--	--	688	0	--	--	798
Maine.....	--	10,679	--	--	--	--	--	--	--	--	10,679
Massachusetts.....	--	182	--	175	--	--	195	--	--	--	258
New Hampshire.....	0	133	--	0	--	--	93	0	--	--	8
Rhode Island.....	--	738	--	--	--	--	--	--	--	--	738
Vermont.....	--	1,462	--	0	--	--	207	0	--	--	140
Middle Atlantic.....	1,691	16	--	15	--	--	7	--	0	--	16
New Jersey.....	1,142	845	--	896	--	--	--	--	0	--	545
New York.....	1,806	13	--	15	--	--	7	--	0	--	15
Pennsylvania.....	--	1,635	--	857	--	--	104	--	--	--	603
East North Central.....	4	33	7	33	0	0	69	14	0	5	5
Illinois.....	126	1,184	320	136	--	--	511	160	--	--	102
Indiana.....	8	60	--	119	--	--	110	31	--	--	9
Michigan.....	8	48	0	74	0	0	127	--	0	0	9
Ohio.....	4	32	--	51	0	--	141	105	--	--	5
Wisconsin.....	9	157	0	47	--	--	121	9	--	11	14
West North Central.....	4	71	0	44	0	0	23	11	0	23	9
Iowa.....	12	112	0	56	--	--	158	53	--	167	15
Kansas.....	0	169	0	124	--	0	--	1	--	--	34
Minnesota.....	15	277	0	83	--	0	222	24	--	28	17
Missouri.....	5	167	--	34	0	0	7	52	0	0	6
Nebraska.....	15	130	--	66	--	0	247	38	--	--	13
North Dakota.....	13	237	--	8,764	--	--	0	172	--	--	13
South Dakota.....	38	2,310	--	441	--	--	28	73	--	0	69
South Atlantic.....	2	3	0	3	--	0	29	13	0	0	2
Delaware.....	--	27,107	--	819	--	--	--	--	--	--	858
District of Columbia.....	--	--	--	--	--	--	--	--	--	--	--
Florida.....	3	3	0	4	--	0	323	10	--	--	3
Georgia.....	0	91	--	10	--	0	47	--	0	--	4
Maryland.....	--	920	--	0	--	--	--	--	--	--	920
North Carolina.....	0	47	--	42	--	0	43	--	0	--	13
South Carolina.....	12	95	0	21	--	0	89	29	0	--	12
Virginia.....	2	61	--	0	--	0	63	0	0	--	2
West Virginia.....	4	19	--	0	--	--	201	0	--	0	5
East South Central.....	2	12	--	23	0	0	27	43	0	0	10
Alabama.....	2	20	--	77	--	0	40	--	--	--	29
Kentucky.....	4	51	--	17	0	--	52	43	--	0	4
Mississippi.....	3	8	--	10	--	0	--	--	--	--	7
Tennessee.....	0	29	--	0	--	0	42	302	0	--	2
West South Central.....	0	4	0	7	--	0	18	1	0	12	5
Arkansas.....	0	321	--	147	--	0	22	--	0	--	30
Louisiana.....	0	2	0	11	--	0	--	--	--	--	8
Oklahoma.....	0	150	--	8	--	--	24	0	0	--	6
Texas.....	0	1,125	0	13	--	--	119	154	--	12	9
Mountain.....	4	91	--	6	0	0	8	48	0	--	4
Arizona.....	0	120	--	4	--	0	2	78	0	--	2
Colorado.....	14	311	--	25	0	--	25	68	0	--	14
Idaho.....	--	16,693	--	499	--	--	7	--	--	--	319
Montana.....	451	6,887	--	1,722	--	--	25	--	--	--	364
Nevada.....	0	189	--	6	--	--	2	--	--	--	5
New Mexico.....	*	179	--	37	--	--	79	--	--	--	13
Utah.....	9	265	--	13	--	--	44	0	--	--	6
Wyoming.....	7	82	--	564	--	--	157	94	--	--	10
Pacific Contiguous.....	0	760	--	14	0	0	2	6	0	0	12
California.....	--	41	--	18	0	0	7	9	0	0	30
Oregon.....	0	0	--	1	0	--	3	31	--	--	2
Washington.....	--	3,247	--	47	--	0	1	8	0	--	36
Pacific Noncontiguous.....	5	11	--	23	--	--	20	174	--	0	14
Alaska.....	5	48	--	23	--	--	20	179	--	0	24
Hawaii.....	--	11	--	0	--	--	265	0	--	--	11

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Table A2.B. Relative Standard Error for Net Generation by Fuel Type: Electric Utilities by Census Division and State, Year-to-Date through September 2008
(Percent)

Census Division and State	Coal	Petroleum Liquids	Petroleum Coke	Natural Gas	Other Gases	Nuclear	Hydroelectric Conventional	Other Renewables	Hydroelectric Pumped Storage	Other	Total
New England.....	0	28	--	96	--	--	45	0	--	--	11
Connecticut.....	--	1,471	--	0	--	--	292	0	--	--	881
Maine.....	--	3,153	--	--	--	--	--	--	--	--	3,153
Massachusetts.....	--	234	--	118	--	--	94	--	--	--	140
New Hampshire.....	0	9	--	0	--	--	35	0	--	--	3
Rhode Island.....	--	400	--	--	--	--	--	--	--	--	400
Vermont.....	--	545	--	0	--	--	81	0	--	--	77
Middle Atlantic.....	214	7	--	12	--	--	3	--	0	--	14
New Jersey.....	909	414	--	790	--	--	--	--	0	--	549
New York.....	203	5	--	12	--	--	3	--	0	--	14
Pennsylvania.....	--	837	--	640	--	--	49	--	--	--	419
East North Central.....	4	18	5	22	0	0	27	14	0	*	4
Illinois.....	129	497	216	115	--	--	223	219	--	--	98
Indiana.....	3	11	--	70	--	--	38	35	--	--	6
Michigan.....	8	24	0	50	0	0	51	--	0	0	9
Ohio.....	5	14	--	45	0	--	55	167	--	--	5
Wisconsin.....	8	117	0	38	--	--	47	9	--	1	13
West North Central.....	5	45	0	16	0	0	10	19	0	25	5
Iowa.....	13	147	0	27	--	--	71	81	--	171	13
Kansas.....	0	67	0	45	--	0	--	4	--	--	14
Minnesota.....	15	169	0	58	--	0	86	30	--	30	18
Missouri.....	4	93	--	19	0	0	10	86	0	0	6
Nebraska.....	12	84	--	14	--	0	81	50	--	--	9
North Dakota.....	13	70	--	10,906	--	--	0	273	--	--	13
South Dakota.....	33	1,142	--	91	--	--	9	230	--	0	39
South Atlantic.....	1	3	0	2	--	0	12	4	0	0	2
Delaware.....	--	5,040	--	598	--	--	--	--	--	--	628
District of Columbia.....	--	--	--	--	--	--	--	--	--	--	--
Florida.....	2	2	0	2	--	0	130	12	--	--	2
Georgia.....	0	13	--	5	--	0	20	--	0	--	2
Maryland.....	--	414	--	0	--	--	--	--	--	--	414
North Carolina.....	0	17	--	18	--	0	16	--	0	--	5
South Carolina.....	8	27	0	13	--	0	38	8	0	--	7
Virginia.....	2	3	--	0	--	0	28	0	0	--	1
West Virginia.....	4	6	--	0	--	--	88	0	--	0	4
East South Central.....	3	19	--	18	0	0	8	49	0	0	9
Alabama.....	8	74	--	38	--	0	13	--	--	--	18
Kentucky.....	3	26	--	12	0	--	21	49	--	0	3
Mississippi.....	3	4	--	14	--	0	--	--	--	--	12
Tennessee.....	0	10	--	0	--	0	12	538	0	--	1
West South Central.....	0	7	0	4	--	0	7	4	0	11	3
Arkansas.....	0	3	--	37	--	0	7	--	0	--	9
Louisiana.....	0	3	0	7	--	0	--	--	--	--	5
Oklahoma.....	0	48	--	4	--	--	12	0	0	--	2
Texas.....	0	63	0	6	--	--	38	412	--	11	4
Mountain.....	3	38	--	6	0	0	5	65	0	--	4
Arizona.....	0	24	--	3	--	0	3	91	0	--	2
Colorado.....	9	216	--	22	0	--	46	65	0	--	12
Idaho.....	--	4,402	--	209	--	--	9	--	--	--	146
Montana.....	426	2,739	--	1,280	--	--	9	--	--	--	379
Nevada.....	0	169	--	14	--	--	3	--	--	--	11
New Mexico.....	*	69	--	24	--	--	136	--	--	--	11
Utah.....	7	180	--	8	--	--	72	0	--	--	5
Wyoming.....	7	25	--	662	--	--	59	149	--	--	10
Pacific Contiguous.....	0	1,095	--	11	0	0	3	7	0	0	10
California.....	--	18	--	13	0	0	8	12	0	0	19
Oregon.....	0	0	--	1	0	--	5	42	--	--	4
Washington.....	--	1,805	--	29	--	0	2	7	0	--	23
Pacific Noncontiguous.....	6	6	--	21	--	--	34	275	--	0	12
Alaska.....	6	30	--	21	--	--	34	283	--	0	25
Hawaii.....	--	6	--	0	--	--	350	0	--	--	7

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Table A3.A. Relative Standard Error for Net Generation by Fuel Type: Independent Power Producers by Census Division and State, September 2008
(Percent)

Census Division and State	Coal	Petroleum Liquids	Petroleum Coke	Natural Gas	Other Gases	Nuclear	Hydroelectric Conventional	Other Renewables	Hydroelectric Pumped Storage	Other	Total
New England.....	35	11	--	3	--	0	49	9	0	5	7
Connecticut.....	0	72	--	14	--	0	213	14	0	7	11
Maine.....	0	186	--	1	--	--	62	4	--	16	16
Massachusetts.....	48	9	--	6	--	0	141	13	0	7	12
New Hampshire.....	--	215	--	0	--	0	109	44	--	42	13
Rhode Island.....	--	3,748	--	4	--	--	1,905	33	--	--	39
Vermont.....	--	0	--	--	--	0	151	99	--	--	72
Middle Atlantic.....	8	34	88	4	633	0	58	7	0	4	4
New Jersey.....	20	198	--	6	0	0	774	9	--	9	6
New York.....	31	42	27	8	--	0	66	12	--	7	11
Pennsylvania.....	8	48	1,363	7	633	0	118	8	0	7	5
East North Central.....	3	52	0	12	26	0	209	11	--	54	4
Illinois.....	4	31	--	23	0	0	199	13	--	69	5
Indiana.....	5	8,313	--	29	424	--	--	--	--	0	19
Michigan.....	123	1,210	0	22	0	0	381	18	--	55	17
Ohio.....	0	302	0	19	0	0	--	100	--	--	1
Wisconsin.....	1,361	1,513	--	*	--	0	863	22	--	--	37
West North Central.....	0	2,254	--	20	--	0	569	9	--	34	15
Iowa.....	--	2,312	--	11,174	--	0	1,564	24	--	--	88
Kansas.....	--	--	--	--	--	--	1,448	0	--	--	11
Minnesota.....	0	25,725	--	0	--	--	666	9	--	34	8
Missouri.....	--	--	--	37	--	--	--	0	--	--	36
Nebraska.....	--	--	--	1,594	--	--	--	360	--	--	577
North Dakota.....	--	--	--	--	--	--	--	4	--	--	4
South Dakota.....	--	--	--	--	--	--	--	42	--	--	42
South Atlantic.....	10	43	0	19	0	0	76	11	--	5	13
Delaware.....	14	239	--	19	--	--	--	2	--	--	10
District of Columbia.....	--	0	--	--	--	--	--	--	--	--	0
Florida.....	57	407	--	49	0	--	--	5	--	6	44
Georgia.....	--	5,596	--	5	--	--	3,029	101	--	0	13
Maryland.....	12	61	--	24	0	0	28	2	--	0	6
North Carolina.....	130	2,470	--	4	--	--	263	79	--	106	56
South Carolina.....	--	0	--	105	--	--	708	--	--	--	112
Virginia.....	48	66	--	26	--	--	538	8	--	0	26
West Virginia.....	9	0	0	19	--	--	88	0	--	0	10
East South Central.....	10	679	0	2	--	--	0	7	--	56	4
Alabama.....	0	1,881	--	4	--	--	--	0	--	145	13
Kentucky.....	16	686	0	0	--	--	0	--	--	--	11
Mississippi.....	0	--	--	0	--	--	--	--	--	60	*
Tennessee.....	--	--	--	0	--	--	--	54	--	--	54
West South Central.....	0	123	0	7	0	0	40	16	--	0	5
Arkansas.....	--	0	--	111	--	--	0	97	--	--	111
Louisiana.....	0	0	--	9	0	--	0	44	--	--	4
Oklahoma.....	0	0	--	17	--	--	--	11	--	--	16
Texas.....	0	187	0	5	0	0	659	17	--	0	4
Mountain.....	29	160	0	8	0	--	36	26	--	300	15
Arizona.....	--	--	--	3	--	--	--	--	--	--	3
Colorado.....	153	964	--	21	--	--	101	78	--	--	61
Idaho.....	--	--	--	18	--	--	22	22	--	--	18
Montana.....	26	30	0	752	0	--	46	6	--	--	31
Nevada.....	--	0	--	22	0	--	--	6	--	--	21
New Mexico.....	--	2,166	--	207	--	--	--	108	--	--	305
Utah.....	317	368	--	333	--	--	404	192	--	300	295
Wyoming.....	184	7,389	--	1,702	--	--	--	14	--	--	176
Pacific Contiguous.....	6	119	118	5	210	--	30	6	--	25	6
California.....	49	153	118	6	801	--	36	6	--	18	9
Oregon.....	--	--	--	4	--	--	64	28	--	153	5
Washington.....	0	*	--	21	0	--	93	8	--	40	12
Pacific Noncontiguous.....	135	31	--	--	--	--	250	34	--	135	59
Alaska.....	114	--	--	--	--	--	--	--	--	--	114
Hawaii.....	144	31	--	--	--	--	250	34	--	135	64

* = Value is less than half of the smallest unit of measure (e.g., for values with no decimals, the smallest unit is "1" then values under 0.5 are shown as "**").

Notes: • See Glossary for definitions. • Relative Standard Error is designed to indicate error due to sampling. However, nonsampling error is important for all surveys, census or sample. See Technical Notes for further information. • Values for 2008 are preliminary.

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Table A3.B. Relative Standard Error for Net Generation by Fuel Type: Independent Power Producers by Census Division and State, Year-to-Date through September 2008
(Percent)

Census Division and State	Coal	Petroleum Liquids	Petroleum Coke	Natural Gas	Other Gases	Nuclear	Hydroelectric Conventional	Other Renewables	Hydroelectric Pumped Storage	Other	Total
New England.....	29	9	--	3	--	0	17	7	0	5	6
Connecticut.....	0	27	--	12	--	0	89	13	0	7	10
Maine.....	0	24	--	1	--	--	25	4	--	17	9
Massachusetts.....	42	7	--	6	--	0	45	11	0	7	12
New Hampshire.....	--	121	--	0	--	0	22	35	--	43	9
Rhode Island.....	--	1,895	--	4	--	--	764	38	--	--	34
Vermont.....	--	0	--	--	--	0	65	78	--	--	53
Middle Atlantic.....	12	30	68	4	188	0	24	6	0	4	4
New Jersey.....	17	143	--	12	0	0	286	11	--	9	10
New York.....	27	19	36	7	--	0	27	11	--	7	9
Pennsylvania.....	12	58	472	6	188	0	50	9	0	6	6
East North Central.....	3	23	0	8	8	0	107	11	--	43	4
Illinois.....	4	23	--	15	0	0	114	16	--	149	5
Indiana.....	6	3,699	--	22	140	--	--	--	--	0	18
Michigan.....	105	2,217	0	14	0	0	185	14	--	37	15
Ohio.....	*	51	0	8	0	0	--	96	--	--	1
Wisconsin.....	1,084	128	--	*	--	0	350	28	--	--	39
West North Central.....	0	687	--	13	--	0	222	12	--	35	11
Iowa.....	--	735	--	6,991	--	0	645	36	--	--	77
Kansas.....	--	--	--	--	--	--	590	0	--	--	7
Minnesota.....	0	7,168	--	0	--	--	254	13	--	35	6
Missouri.....	--	--	--	22	--	--	--	0	--	--	22
Nebraska.....	--	--	--	1,322	--	--	--	203	--	--	433
North Dakota.....	--	--	--	--	--	--	--	7	--	--	7
South Dakota.....	--	--	--	--	--	--	--	65	--	--	65
South Atlantic.....	12	22	0	14	0	0	35	9	--	5	10
Delaware.....	9	106	--	17	--	--	--	7	--	--	10
District of Columbia.....	--	0	--	--	--	--	--	--	--	--	0
Florida.....	48	65	--	38	0	--	--	5	--	6	29
Georgia.....	--	1,250	--	3	--	--	555	115	--	0	8
Maryland.....	11	26	--	36	0	0	18	2	--	0	10
North Carolina.....	143	1,407	--	3	--	--	98	59	--	81	56
South Carolina.....	--	0	--	43	--	--	219	--	--	--	44
Virginia.....	48	43	--	9	--	--	216	9	--	0	16
West Virginia.....	8	0	0	24	--	--	45	0	--	0	9
East South Central.....	8	118	0	1	--	--	0	8	--	59	3
Alabama.....	0	21	--	2	--	--	--	0	--	145	15
Kentucky.....	14	121	0	0	--	--	0	--	--	--	9
Mississippi.....	0	--	--	0	--	--	--	--	--	61	*
Tennessee.....	--	--	--	0	--	--	--	77	--	--	72
West South Central.....	0	20	0	2	0	0	11	17	--	0	2
Arkansas.....	--	0	--	12	--	--	0	65	--	--	12
Louisiana.....	0	0	--	1	0	--	0	50	--	--	*
Oklahoma.....	0	0	--	9	--	--	--	11	--	--	9
Texas.....	0	24	0	2	0	0	283	20	--	0	2
Mountain.....	29	161	0	8	0	--	16	15	--	177	15
Arizona.....	--	--	--	4	--	--	--	--	--	--	4
Colorado.....	144	1,478	--	19	--	--	174	45	--	--	55
Idaho.....	--	--	--	16	--	--	29	33	--	--	19
Montana.....	25	39	0	673	0	--	19	7	--	--	31
Nevada.....	--	0	--	22	0	--	--	5	--	--	22
New Mexico.....	--	1,512	--	225	--	--	--	62	--	--	268
Utah.....	255	273	--	228	--	--	596	107	--	177	223
Wyoming.....	174	2,752	--	749	--	--	--	19	--	--	169
Pacific Contiguous.....	5	52	112	6	98	--	45	5	--	19	6
California.....	41	95	112	7	740	--	55	5	--	17	9
Oregon.....	--	--	--	4	--	--	84	26	--	94	5
Washington.....	0	*	--	9	0	--	153	9	--	41	7
Pacific Noncontiguous.....	38	20	--	--	--	--	216	21	--	26	23
Alaska.....	111	--	--	--	--	--	--	--	--	--	111
Hawaii.....	35	20	--	--	--	--	216	21	--	26	22

* = Value is less than half of the smallest unit of measure (e.g., for values with no decimals, the smallest unit is "1" then values under 0.5 are shown as "**").

Notes: • See Glossary for definitions. • Values for 2008 are preliminary.

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Table A4.A. Relative Standard Error for Net Generation by Fuel Type: Commercial Sector by Census Division and State, September 2008
(Percent)

Census Division and State	Coal	Petroleum Liquids	Petroleum Coke	Natural Gas	Other Gases	Nuclear	Hydroelectric Conventional	Other Renewables	Hydroelectric Pumped Storage	Other	Total
New England.....	--	568	--	47	--	--	0	61	--	111	44
Connecticut.....	--	5,529	--	306	--	--	--	--	--	--	359
Maine.....	--	1,628	--	1,611	--	--	--	71	--	111	122
Massachusetts.....	--	759	--	37	--	--	0	103	--	--	45
New Hampshire.....	--	413	--	--	--	--	--	--	--	--	413
Rhode Island.....	--	443	--	253	--	--	--	--	--	--	230
Vermont.....	--	--	--	--	--	--	--	--	--	--	--
Middle Atlantic.....	141	159	--	58	--	--	0	31	--	49	41
New Jersey.....	--	2,584	--	189	--	--	--	0	--	--	236
New York.....	0	156	--	44	--	--	0	60	--	95	40
Pennsylvania.....	299	737	--	158	--	--	--	0	--	0	92
East North Central.....	40	306	--	50	--	--	0	24	--	33	31
Illinois.....	0	1,312	--	38	--	--	--	348	--	--	35
Indiana.....	68	3,339	--	552	--	--	--	96	--	154	60
Michigan.....	0	302	--	235	--	--	--	13	--	14	9
Ohio.....	344	--	--	0	--	--	--	--	--	--	344
Wisconsin.....	926	6,144	--	240	--	--	0	196	--	372	164
West North Central.....	73	1,359	0	200	--	--	--	84	--	152	65
Iowa.....	102	8,732	0	657	--	--	--	106	--	--	96
Kansas.....	--	374	--	0	--	--	--	--	--	--	374
Minnesota.....	--	1,330	--	227	--	--	--	175	--	191	173
Missouri.....	28	7,953	--	0	--	--	--	--	--	0	37
Nebraska.....	--	--	--	0	--	--	--	221	--	--	226
North Dakota.....	--	--	--	--	--	--	--	--	--	--	--
South Dakota.....	--	--	--	--	--	--	--	--	--	--	--
South Atlantic.....	31	669	--	339	0	--	0	28	--	43	47
Delaware.....	--	--	--	--	--	--	--	--	--	--	--
District of Columbia.....	--	--	--	--	--	--	--	--	--	--	--
Florida.....	--	45,615	--	357	--	--	--	123	--	--	879
Georgia.....	--	883	--	--	--	--	--	--	--	--	883
Maryland.....	--	10,206	--	2,405	0	--	--	92	--	83	180
North Carolina.....	0	3,763	--	0	--	--	0	--	--	--	7
South Carolina.....	--	1,262	--	3,188	--	--	0	93	--	144	201
Virginia.....	228	0	--	--	--	--	--	26	--	42	183
West Virginia.....	--	--	--	--	--	--	--	--	--	--	--
East South Central.....	618	--	--	228	--	--	--	--	--	--	586
Alabama.....	--	--	--	--	--	--	--	--	--	--	--
Kentucky.....	--	--	--	--	--	--	--	--	--	--	--
Mississippi.....	--	--	--	1,114	--	--	--	--	--	--	1,114
Tennessee.....	618	--	--	229	--	--	--	--	--	--	586
West South Central.....	--	963	--	73	--	--	--	116	--	--	160
Arkansas.....	--	--	--	3,378	--	--	--	343	--	--	588
Louisiana.....	--	--	--	422	--	--	--	--	--	--	422
Oklahoma.....	--	2,764	--	433	--	--	--	--	--	--	574
Texas.....	--	1,044	--	67	--	--	--	122	--	--	181
Mountain.....	--	52	--	161	0	--	--	201	--	--	205
Arizona.....	--	529	--	362	--	--	--	349	--	--	867
Colorado.....	--	0	--	0	--	--	--	--	--	--	0
Idaho.....	--	--	--	--	--	--	--	--	--	--	--
Montana.....	--	--	--	--	--	--	--	--	--	--	--
Nevada.....	--	--	--	--	--	--	--	--	--	--	--
New Mexico.....	--	--	--	456	--	--	--	--	--	--	456
Utah.....	--	--	--	674	0	--	--	98	--	--	522
Wyoming.....	--	--	--	--	--	--	--	--	--	--	--
Pacific Contiguous.....	--	1,579	--	55	633	--	0	40	--	0	64
California.....	--	1,675	--	58	633	--	0	40	--	0	149
Oregon.....	--	30	--	700	--	--	--	--	--	--	730
Washington.....	--	14,592	--	351	--	--	0	--	--	--	204
Pacific Noncontiguous.....	70	582	--	0	--	--	--	0	--	0	36
Alaska.....	70	913	--	0	--	--	--	0	--	--	71
Hawaii.....	--	0	--	--	--	--	--	0	--	0	0

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Table A4.B. Relative Standard Error for Net Generation by Fuel Type: Commercial Sector by Census Division and State, Year-to-Date through September 2008
(Percent)

Census Division and State	Coal	Petroleum Liquids	Petroleum Coke	Natural Gas	Other Gases	Nuclear	Hydroelectric Conventional	Other Renewables	Hydroelectric Pumped Storage	Other	Total
New England.....	--	295	--	40	--	--	0	34	--	68	34
Connecticut.....	--	2,705	--	254	--	--	--	--	--	--	296
Maine.....	--	876	--	1,320	--	--	--	40	--	68	83
Massachusetts.....	--	388	--	31	--	--	0	59	--	--	36
New Hampshire.....	--	217	--	--	--	--	--	--	--	--	217
Rhode Island.....	--	229	--	211	--	--	--	--	--	--	190
Vermont.....	--	--	--	--	--	--	--	--	--	--	--
Middle Atlantic.....	157	69	--	49	--	--	0	18	--	31	34
New Jersey.....	--	1,360	--	158	--	--	--	0	--	--	195
New York.....	0	66	--	37	--	--	0	33	--	58	31
Pennsylvania.....	302	364	--	131	--	--	--	0	--	0	79
East North Central.....	49	109	--	44	--	--	0	16	--	22	36
Illinois.....	0	1,384	--	33	--	--	--	226	--	--	29
Indiana.....	82	1,217	--	477	--	--	--	54	--	90	66
Michigan.....	0	127	--	770	--	--	--	11	--	10	7
Ohio.....	525	--	--	0	--	--	--	--	--	--	525
Wisconsin.....	1,158	3,131	--	195	--	--	0	134	--	244	162
West North Central.....	88	537	0	154	--	--	--	47	--	97	72
Iowa.....	118	1,785	0	575	--	--	--	59	--	--	110
Kansas.....	--	241	--	0	--	--	--	--	--	--	241
Minnesota.....	--	566	--	189	--	--	--	98	--	125	137
Missouri.....	24	2,364	--	0	--	--	--	--	--	0	33
Nebraska.....	--	--	--	13,601	--	--	--	128	--	--	136
North Dakota.....	--	--	--	--	--	--	--	--	--	--	--
South Dakota.....	--	--	--	--	--	--	--	--	--	--	--
South Atlantic.....	33	544	--	391	0	--	0	18	--	27	50
Delaware.....	--	--	--	--	--	--	--	--	--	--	--
District of Columbia.....	--	--	--	--	--	--	--	--	--	--	--
Florida.....	--	11,258	--	418	--	--	--	70	--	--	723
Georgia.....	--	479	--	--	--	--	--	--	--	--	479
Maryland.....	--	3,194	--	1,503	0	--	--	71	--	57	138
North Carolina.....	0	845	--	0	--	--	0	--	--	--	1
South Carolina.....	--	875	--	3,839	--	--	0	52	--	88	148
Virginia.....	206	0	--	--	--	--	--	15	--	26	161
West Virginia.....	--	--	--	--	--	--	--	--	--	--	--
East South Central.....	826	--	--	221	--	--	--	--	--	--	795
Alabama.....	--	--	--	--	--	--	--	--	--	--	--
Kentucky.....	--	--	--	--	--	--	--	--	--	--	--
Mississippi.....	--	--	--	1,391	--	--	--	--	--	--	1,391
Tennessee.....	826	--	--	189	--	--	--	--	--	--	780
West South Central.....	--	672	--	102	--	--	--	67	--	--	155
Arkansas.....	--	--	--	3,486	--	--	--	196	--	--	641
Louisiana.....	--	--	--	494	--	--	--	--	--	--	494
Oklahoma.....	--	1,618	--	485	--	--	--	--	--	--	577
Texas.....	--	725	--	97	--	--	--	71	--	--	167
Mountain.....	--	23	--	321	0	--	--	119	--	--	321
Arizona.....	--	260	--	447	--	--	--	196	--	--	679
Colorado.....	--	0	--	0	--	--	--	--	--	--	0
Idaho.....	--	--	--	--	--	--	--	--	--	--	--
Montana.....	--	--	--	--	--	--	--	--	--	--	--
Nevada.....	--	--	--	--	--	--	--	--	--	--	--
New Mexico.....	--	--	--	586	--	--	--	--	--	--	586
Utah.....	--	--	--	833	0	--	--	147	--	--	647
Wyoming.....	--	--	--	--	--	--	--	--	--	--	--
Pacific Contiguous.....	--	1,000	--	71	633	--	0	22	--	0	71
California.....	--	1,073	--	75	633	--	0	22	--	0	110
Oregon.....	--	71	--	565	--	--	--	--	--	--	636
Washington.....	--	5,347	--	292	--	--	0	--	--	--	195
Pacific Noncontiguous.....	73	289	--	0	--	--	--	0	--	0	37
Alaska.....	73	454	--	0	--	--	--	0	--	--	72
Hawaii.....	--	0	--	--	--	--	--	0	--	0	0

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Table A5.A. Relative Standard Error for Net Generation by Fuel Type: Industrial Sector by Census Division and State, September 2008
(Percent)

Census Division and State	Coal	Petroleum Liquids	Petroleum Coke	Natural Gas	Other Gases	Nuclear	Hydroelectric Conventional	Other Renewables	Hydroelectric Pumped Storage	Other	Total
New England.....	155	81	--	46	--	--	7	6	--	31	30
Connecticut.....	--	289	--	123	--	--	--	--	--	143	118
Maine.....	0	60	--	32	--	--	7	6	--	0	22
Massachusetts.....	281	319	--	295	--	--	0	--	--	0	244
New Hampshire.....	--	371	--	181	--	--	757	169	--	--	160
Rhode Island.....	--	0	--	--	--	--	--	--	--	--	0
Vermont.....	--	--	--	--	--	--	176	58	--	--	139
Middle Atlantic.....	78	267	330	82	49	--	27	23	--	215	32
New Jersey.....	--	2,262	--	135	221	--	--	319	--	215	134
New York.....	0	17	--	84	--	--	27	0	--	--	24
Pennsylvania.....	122	473	330	123	27	--	--	36	--	--	36
East North Central.....	41	146	71	80	35	--	50	14	--	13	25
Illinois.....	60	5,941	20	179	183	--	--	0	--	0	82
Indiana.....	150	264	--	83	31	--	--	56	--	0	226
Michigan.....	73	223	0	110	--	--	113	21	--	31	46
Ohio.....	161	437	574	303	131	--	--	20	--	0	58
Wisconsin.....	35	310	0	225	--	--	56	22	--	0	92
West North Central.....	70	4,358	--	195	275	--	60	16	--	82	53
Iowa.....	38	18,079	--	0	--	--	--	0	--	--	37
Kansas.....	--	--	--	382	--	--	--	--	--	--	382
Minnesota.....	178	5,655	--	218	--	--	60	17	--	82	81
Missouri.....	157	43	--	850	--	--	--	199	--	--	145
Nebraska.....	170	--	--	--	--	--	--	--	--	--	170
North Dakota.....	103	1,030	--	571	275	--	--	46	--	--	121
South Dakota.....	--	--	--	--	--	--	--	--	--	--	--
South Atlantic.....	46	40	0	81	0	--	13	32	--	23	48
Delaware.....	116	17	0	223	0	--	--	--	--	0	24
District of Columbia.....	--	--	--	--	--	--	--	--	--	--	--
Florida.....	260	192	--	78	0	--	--	70	--	8	80
Georgia.....	74	103	0	128	--	--	152	52	--	58	91
Maryland.....	0	315	--	203	--	--	--	0	--	--	36
North Carolina.....	145	113	--	546	--	--	0	80	--	33	142
South Carolina.....	44	0	--	0	0	--	--	0	--	0	16
Virginia.....	59	102	--	136	--	--	340	45	--	--	50
West Virginia.....	55	--	--	650	0	--	0	0	--	--	52
East South Central.....	45	246	--	140	90	--	0	40	--	128	113
Alabama.....	181	263	--	145	79	--	--	57	--	98	139
Kentucky.....	--	--	--	141	--	--	--	12	--	--	52
Mississippi.....	143	1,001	--	571	517	--	--	57	--	216	587
Tennessee.....	35	180	--	205	0	--	0	19	--	0	22
West South Central.....	164	186	205	21	104	--	--	57	--	38	39
Arkansas.....	117	131	57	59	--	--	--	40	--	45	56
Louisiana.....	183	121	343	32	276	--	--	84	--	48	65
Oklahoma.....	193	272	--	383	1,202	--	--	201	--	0	311
Texas.....	0	210	187	27	76	--	--	140	--	22	49
Mountain.....	64	1,143	--	92	130	--	--	19	--	24	51
Arizona.....	243	1,830	--	1,663	--	--	--	--	--	--	261
Colorado.....	--	27,152	--	514	--	--	--	--	--	75	385
Idaho.....	131	27	--	25	--	--	--	0	--	59	32
Montana.....	--	11	--	291	--	--	--	93	--	--	119
Nevada.....	--	--	--	284	--	--	--	--	--	--	284
New Mexico.....	--	8,156	--	1,667	--	--	--	--	--	--	1,897
Utah.....	0	--	--	198	594	--	--	--	--	0	22
Wyoming.....	73	1,259	--	67	102	--	--	--	--	71	58
Pacific Contiguous.....	44	55	232	30	46	--	604	71	--	37	46
California.....	46	434	232	32	46	--	--	450	--	37	54
Oregon.....	--	874	--	80	--	--	--	18	--	--	60
Washington.....	0	213	--	0	--	--	604	14	--	--	13
Pacific Noncontiguous.....	--	148	--	275	685	--	96	129	--	--	142
Alaska.....	--	304	--	275	--	--	--	112	--	--	202
Hawaii.....	--	152	--	--	685	--	96	151	--	--	149

Notes: • See Glossary for definitions. • Relative Standard Error is designed to indicate error due to sampling. However, nonsampling error is important for all surveys, census or sample. See Technical Notes for further information. • Values for 2008 are preliminary.

Source: Energy Information Administration, Form EIA-920 "Combined Heat and Power Plant Report."

Table A5.B. Relative Standard Error for Net Generation by Fuel Type: Industrial Sector by Census Division and State, Year-to-Date through September 2008
(Percent)

Census Division and State	Coal	Petroleum Liquids	Petroleum Coke	Natural Gas	Other Gases	Nuclear	Hydroelectric Conventional	Other Renewables	Hydroelectric Pumped Storage	Other	Total
New England.....	217	61	--	46	--	--	7	12	--	17	33
Connecticut.....	--	152	--	102	--	--	--	--	--	82	97
Maine.....	0	60	--	31	--	--	7	12	--	0	25
Massachusetts.....	345	173	--	293	--	--	0	--	--	0	249
New Hampshire.....	--	199	--	150	--	--	758	200	--	--	132
Rhode Island.....	--	0	--	--	--	--	--	--	--	--	0
Vermont.....	--	--	--	--	--	--	198	203	--	--	184
Middle Atlantic.....	79	98	306	84	21	--	21	21	--	215	56
New Jersey.....	--	1,116	--	135	131	--	--	175	--	215	119
New York.....	0	11	--	75	--	--	21	0	--	--	21
Pennsylvania.....	171	265	306	125	11	--	--	31	--	--	79
East North Central.....	46	68	62	87	19	--	50	12	--	7	48
Illinois.....	98	7,402	16	170	86	--	--	0	--	0	117
Indiana.....	1,321	195	--	95	18	--	--	83	--	0	733
Michigan.....	86	104	0	107	--	--	105	18	--	31	53
Ohio.....	268	204	479	230	50	--	--	18	--	0	59
Wisconsin.....	36	172	0	377	--	--	57	21	--	54	122
West North Central.....	64	2,288	--	211	91	--	74	17	--	49	59
Iowa.....	47	3,640	--	0	--	--	--	0	--	--	47
Kansas.....	--	--	--	323	--	--	--	--	--	--	323
Minnesota.....	157	2,872	--	227	--	--	74	18	--	49	93
Missouri.....	189	34	--	741	--	--	--	112	--	--	172
Nebraska.....	17,079	--	--	--	--	--	--	--	--	--	17,079
North Dakota.....	571	542	--	491	91	--	--	82	--	--	135
South Dakota.....	--	--	--	--	--	--	--	--	--	--	--
South Atlantic.....	49	27	0	57	0	--	13	31	--	15	29
Delaware.....	113	17	0	21	0	--	--	--	--	0	24
District of Columbia.....	--	--	--	--	--	--	--	--	--	--	--
Florida.....	249	118	--	82	0	--	--	71	--	4	60
Georgia.....	43	42	0	75	--	--	147	52	--	36	48
Maryland.....	0	172	--	155	--	--	--	0	--	--	30
North Carolina.....	171	48	--	503	--	--	0	77	--	20	96
South Carolina.....	84	0	--	0	0	--	--	0	--	0	24
Virginia.....	71	44	--	215	--	--	410	46	--	--	50
West Virginia.....	62	--	--	547	0	--	0	0	--	--	60
East South Central.....	48	90	--	87	68	--	0	39	--	89	65
Alabama.....	167	94	--	98	57	--	--	58	--	54	88
Kentucky.....	--	--	--	118	--	--	--	9	--	--	37
Mississippi.....	136	599	--	296	442	--	--	55	--	186	277
Tennessee.....	46	231	--	135	0	--	0	21	--	0	27
West South Central.....	169	115	174	18	92	--	--	57	--	22	28
Arkansas.....	106	93	44	89	--	--	--	40	--	23	50
Louisiana.....	220	115	296	24	233	--	--	85	--	28	42
Oklahoma.....	202	171	--	237	567	--	--	217	--	0	183
Texas.....	0	149	156	21	64	--	--	146	--	12	33
Mountain.....	57	817	--	146	80	--	--	15	--	14	78
Arizona.....	189	1,284	--	1,471	--	--	--	--	--	--	216
Colorado.....	--	2,754	--	627	--	--	--	--	--	75	2,607
Idaho.....	128	64	--	113	--	--	--	0	--	35	31
Montana.....	--	9	--	248	--	--	--	84	--	--	103
Nevada.....	--	--	--	339	--	--	--	--	--	--	339
New Mexico.....	--	1,936	--	1,749	--	--	--	--	--	--	1,862
Utah.....	0	--	--	326	466	--	--	--	--	0	29
Wyoming.....	68	606	--	52	27	--	--	--	--	43	47
Pacific Contiguous.....	42	72	226	36	49	--	669	71	--	14	40
California.....	44	214	226	38	49	--	--	396	--	14	47
Oregon.....	--	496	--	78	--	--	--	20	--	--	73
Washington.....	0	76	--	0	--	--	669	14	--	--	13
Pacific Noncontiguous.....	--	94	--	128	542	--	--	89	--	73	95
Alaska.....	--	162	--	128	--	--	--	165	--	--	109
Hawaii.....	--	100	--	--	542	--	89	87	--	--	114

Notes: • See Glossary for definitions. • Relative Standard Error is designed to indicate error due to sampling. However, nonsampling error is important for all surveys, census or sample. See Technical Notes for further information. • Values for 2008 are preliminary.

Source: Energy Information Administration, Form EIA-920 "Combined Heat and Power Plant Report."

Table A6.A. Relative Standard Error for Retail Sales of Electricity to Ultimate Customers by End-Use Sector, Census Division, and State, September 2008
(Percent)

Census Division and State	Residential	Commercial	Industrial	Transportation	All Sectors
New England	*	*	2	17	*
Connecticut	*	*	1	49	*
Maine	1	1	3	0	1
Massachusetts	1	*	4	0	1
New Hampshire	1	*	2	0	1
Rhode Island	0	0	0	0	0
Vermont	3	2	3	0	2
Middle Atlantic	*	*	0	*	*
New Jersey	*	*	1	0	*
New York	*	*	1	*	*
Pennsylvania	*	*	0	0	*
East North Central	1	1	1	*	*
Illinois	1	1	4	*	1
Indiana	1	1	1	0	1
Michigan	1	*	1	0	*
Ohio	1	1	2	0	1
Wisconsin	1	1	1	0	1
West North Central	1	1	1	13	1
Iowa	2	1	1	878	1
Kansas	3	3	6	0	3
Minnesota	1	1	1	0	1
Missouri	1	1	2	0	1
Nebraska	1	3	4	0	2
North Dakota	2	3	9	0	3
South Dakota	2	4	4	0	3
South Atlantic	1	1	1	0	1
Delaware	1	1	2	0	1
District of Columbia	0	0	0	0	0
Florida	1	2	4	0	1
Georgia	2	2	4	0	2
Maryland	1	*	1	0	*
North Carolina	1	2	2	0	1
South Carolina	2	3	3	0	2
Virginia	1	1	3	0	1
West Virginia	*	*	0	0	*
East South Central	1	1	1	0	1
Alabama	2	3	2	0	2
Kentucky	1	1	1	0	1
Mississippi	2	4	5	0	2
Tennessee	1	1	1	0	1
West South Central	1	2	2	0	1
Arkansas	2	4	4	0	2
Louisiana	3	3	2	0	2
Oklahoma	2	3	4	0	2
Texas	1	2	2	0	1
Mountain	1	*	1	0	1
Arizona	*	*	1	0	1
Colorado	2	1	2	0	2
Idaho	1	2	1	0	1
Montana	2	3	4	0	2
Nevada	1	1	0	0	1
New Mexico	3	1	3	0	3
Utah	2	1	1	0	2
Wyoming	2	2	2	0	1
Pacific Contiguous	*	*	1	0	*
California	*	*	1	0	1
Oregon	1	1	4	0	1
Washington	1	1	3	0	1
Pacific Noncontiguous	1	1	2	0	1
Alaska	2	3	6	0	3
Hawaii	0	0	0	0	0

* = Value is less than half of the smallest unit of measure (e.g., for values with no decimals, the smallest unit is "1" then values under 0.5 are shown as "*".)

Notes: • See Glossary for definitions. • Relative Standard Error is designed to indicate error due to sampling. However, nonsampling error is important for all surveys, census or sample. See Technical Notes for further information. • Values for 2008 are preliminary.

Source: Energy Information Administration, Form EIA-826, "Monthly Electric Sales and Revenue Report with State Distributions."

Table A6.B. Relative Standard Error for Retail Sales of Electricity to Ultimate Customers by End-Use Sector, Census Division, and State, Year-to-Date through September 2008
(Percent)

Census Division and State	Residential	Commercial	Industrial	Transportation	All Sectors
New England	1	*	2	2	1
Connecticut	1	*	3	5	1
Maine	1	1	3	0	2
Massachusetts	1	*	5	0	1
New Hampshire	1	*	4	0	1
Rhode Island	0	0	0	0	0
Vermont	4	1	6	0	3
Middle Atlantic	*	*	1	*	*
New Jersey	1	*	2	2	*
New York	1	*	3	*	*
Pennsylvania	*	*	0	0	*
East North Central	1	*	1	1	1
Illinois	1	1	1	1	1
Indiana	2	1	2	0	1
Michigan	1	*	1	0	1
Ohio	1	*	1	0	1
Wisconsin	2	1	2	0	1
West North Central	1	1	2	58	1
Iowa	3	1	3	4,451	2
Kansas	3	3	7	0	3
Minnesota	2	1	3	0	2
Missouri	2	1	3	0	2
Nebraska	2	2	5	0	2
North Dakota	2	2	10	0	3
South Dakota	3	3	5	0	3
South Atlantic	1	1	2	1	1
Delaware	2	1	5	0	2
District of Columbia	0	0	0	5	0
Florida	1	1	4	0	1
Georgia	2	2	4	0	2
Maryland	1	*	3	0	1
North Carolina	2	2	3	0	1
South Carolina	2	2	3	0	2
Virginia	1	1	4	0	1
West Virginia	*	*	0	0	*
East South Central	1	1	1	0	1
Alabama	2	3	2	0	2
Kentucky	2	1	1	0	1
Mississippi	3	4	5	0	3
Tennessee	2	1	3	0	2
West South Central	2	2	1	0	1
Arkansas	3	4	4	0	2
Louisiana	4	2	2	0	2
Oklahoma	2	3	4	0	2
Texas	2	2	2	0	1
Mountain	1	*	1	0	1
Arizona	1	1	1	0	1
Colorado	2	1	2	0	2
Idaho	1	1	2	0	1
Montana	2	2	5	0	3
Nevada	1	1	0	0	1
New Mexico	2	1	3	0	3
Utah	2	1	1	0	2
Wyoming	2	2	2	0	2
Pacific Contiguous	*	*	2	0	1
California	*	*	1	0	1
Oregon	1	1	5	0	2
Washington	1	1	4	0	1
Pacific Noncontiguous	1	1	2	0	1
Alaska	2	3	7	0	3
Hawaii	0	0	0	0	0

* = Value is less than half of the smallest unit of measure (e.g., for values with no decimals, the smallest unit is "1" then values under 0.5 are shown as "*".)

Notes: • See Glossary for definitions. • Relative Standard Error is designed to indicate error due to sampling. However, nonsampling error is important for all surveys, census or sample. See Technical Notes for further information. • Values for 2008 are preliminary. • It should be noted that such things as large changes in retail sales, reclassification of retail sales, or changes in billing procedures can contribute to unusually high relative standard error.

Source: Energy Information Administration, Form EIA-826, "Monthly Electric Sales and Revenue Report with State Distributions."

Table A7.A. Relative Standard Error for Revenue from Retail Sales of Electricity to Ultimate Customers by End-Use Sector, Census Division, and State, September 2008
(Percent)

Census Division and State	Residential	Commercial	Industrial	Transportation	All Sectors
New England	*	*	2	19	*
Connecticut	*	*	1	38	*
Maine	1	1	1	0	1
Massachusetts	1	*	3	0	1
New Hampshire	*	*	2	0	1
Rhode Island	0	0	0	0	0
Vermont	3	2	5	0	3
Middle Atlantic	*	*	*	*	*
New Jersey	*	*	1	0	*
New York	*	*	1	*	*
Pennsylvania	*	*	*	0	*
East North Central	1	1	1	1	1
Illinois	2	1	3	1	1
Indiana	1	1	1	0	1
Michigan	1	1	1	0	1
Ohio	1	1	2	0	1
Wisconsin	1	1	2	0	1
West North Central	1	1	2	17	1
Iowa	2	2	2	1,046	2
Kansas	4	5	8	0	4
Minnesota	2	1	2	0	1
Missouri	1	1	3	0	1
Nebraska	2	3	4	0	2
North Dakota	2	3	10	0	3
South Dakota	3	3	5	0	3
South Atlantic	1	1	2	0	1
Delaware	1	1	3	0	1
District of Columbia	0	0	0	0	0
Florida	1	2	4	0	1
Georgia	2	2	4	0	2
Maryland	1	*	1	0	1
North Carolina	2	3	3	0	2
South Carolina	2	3	3	0	2
Virginia	1	2	4	0	1
West Virginia	1	1	*	0	*
East South Central	1	1	1	0	1
Alabama	2	3	3	0	2
Kentucky	2	2	1	0	1
Mississippi	3	4	6	0	2
Tennessee	1	1	2	0	1
West South Central	1	2	2	0	1
Arkansas	3	5	5	0	2
Louisiana	2	3	3	0	2
Oklahoma	3	3	5	0	2
Texas	1	2	2	0	1
Mountain	1	1	1	0	1
Arizona	1	1	1	0	1
Colorado	2	1	2	0	2
Idaho	2	2	1	0	1
Montana	3	2	4	0	2
Nevada	1	1	*	0	1
New Mexico	3	2	3	0	3
Utah	3	2	1	0	2
Wyoming	4	3	2	0	2
Pacific Contiguous	*	*	1	0	*
California	*	*	1	0	*
Oregon	1	1	4	0	1
Washington	1	1	3	0	1
Pacific Noncontiguous	1	1	1	0	1
Alaska	3	4	5	0	3
Hawaii	0	0	0	0	0

* = Value is less than half of the smallest unit of measure (e.g., for values with no decimals, the smallest unit is "1" then values under 0.5 are shown as "*".)

Notes: • See Glossary for definitions. • Relative Standard Error is designed to indicate error due to sampling. However, nonsampling error is important for all surveys, census or sample. See Technical Notes for further information. • Values for 2008 are preliminary. • It should be noted that such things as large changes in retail sales, reclassification of retail sales, or changes in billing procedures can contribute to unusually high relative standard error.

Source: Energy Information Administration, Form EIA-826, "Monthly Electric Sales and Revenue Report with State Distributions."

Table A7.B. Relative Standard Error for Revenue from Retail Sales of Electricity to Ultimate Customers by End-Use Sector, Census Division, and State, Year-to-Date through September 2008
(Percent)

Census Division and State	Residential	Commercial	Industrial	Transportation	All Sectors
New England	1	*	2	2	1
Connecticut	1	*	2	5	1
Maine	1	1	1	0	1
Massachusetts	1	1	3	0	1
New Hampshire	1	1	2	0	1
Rhode Island	0	0	0	0	0
Vermont	4	2	7	0	4
Middle Atlantic	*	*	1	*	*
New Jersey	*	*	1	1	*
New York	*	*	1	*	*
Pennsylvania	1	*	1	0	*
East North Central	1	*	1	1	1
Illinois	1	1	2	1	1
Indiana	2	1	2	0	2
Michigan	1	1	1	0	1
Ohio	1	1	1	0	1
Wisconsin	2	1	3	0	2
West North Central	2	1	2	40	1
Iowa	4	3	4	2,508	3
Kansas	5	5	9	0	4
Minnesota	3	2	3	0	2
Missouri	3	2	5	0	2
Nebraska	3	2	6	0	3
North Dakota	2	2	11	0	3
South Dakota	3	3	6	0	3
South Atlantic	1	1	2	1	1
Delaware	2	2	4	0	2
District of Columbia	0	0	0	4	0
Florida	1	1	5	0	1
Georgia	3	2	4	0	2
Maryland	1	1	2	0	1
North Carolina	2	2	4	0	2
South Carolina	3	3	3	0	2
Virginia	2	1	5	0	1
West Virginia	1	1	*	0	1
East South Central	1	1	2	0	1
Alabama	2	3	3	0	2
Kentucky	3	2	2	0	2
Mississippi	4	4	6	0	3
Tennessee	2	2	3	0	2
West South Central	2	2	2	0	1
Arkansas	3	5	5	0	3
Louisiana	5	4	3	0	3
Oklahoma	3	4	6	0	3
Texas	2	2	2	0	1
Mountain	1	*	1	0	1
Arizona	1	1	1	0	1
Colorado	3	1	3	0	2
Idaho	2	2	3	0	2
Montana	2	2	5	0	2
Nevada	1	1	*	0	1
New Mexico	4	2	3	0	3
Utah	3	2	1	0	2
Wyoming	3	2	2	0	2
Pacific Contiguous	*	*	1	0	*
California	*	*	1	0	*
Oregon	1	1	5	0	1
Washington	1	1	4	0	1
Pacific Noncontiguous	1	1	1	0	1
Alaska	3	3	5	0	3
Hawaii	0	0	0	0	0

* = Value is less than half of the smallest unit of measure (e.g., for values with no decimals, the smallest unit is "1" then values under 0.5 are shown as "*".)

Notes: • See Glossary for definitions. • Relative Standard Error is designed to indicate error due to sampling. However, nonsampling error is important for all surveys, census or sample. See Technical Notes for further information. • Values for 2008 are preliminary. • It should be noted that such things as large changes in retail sales, reclassification of retail sales, or changes in billing procedures can contribute to unusually high relative standard error.

Source: Energy Information Administration, Form EIA-826, "Monthly Electric Sales and Revenue Report with State Distributions."

Table A8.A. Relative Standard Error for Average Retail Price of Electricity to Ultimate Customers by End-Use Sector, Census Division, and State, September 2008
(Percent)

Census Division and State	Residential	Commercial	Industrial	Transportation	All Sectors
New England	*	*	2	1	*
Connecticut	*	*	*	1	*
Maine	1	1	1	0	*
Massachusetts	*	*	4	0	*
New Hampshire	1	*	1	0	1
Rhode Island	0	0	0	0	0
Vermont	1	*	*	0	*
Middle Atlantic	*	1	*	*	*
New Jersey	*	*	*	0	*
New York	*	1	*	*	1
Pennsylvania	*	*	*	0	*
East North Central	*	1	2	1	1
Illinois	2	8	26	*	8
Indiana	*	*	*	0	*
Michigan	*	*	*	0	*
Ohio	1	1	3	0	1
Wisconsin	1	*	*	0	*
West North Central	2	1	2	3	2
Iowa	*	*	*	155	*
Kansas	8	7	16	0	11
Minnesota	3	1	*	0	1
Missouri	2	1	*	0	1
Nebraska	4	2	5	0	3
North Dakota	2	9	14	0	4
South Dakota	1	2	5	0	2
South Atlantic	1	3	3	0	1
Delaware	1	3	*	0	2
District of Columbia	0	0	0	0	0
Florida	1	1	4	0	*
Georgia	3	1	2	0	1
Maryland	*	*	*	0	*
North Carolina	1	*	*	0	*
South Carolina	1	4	18	0	3
Virginia	7	10	4	0	5
West Virginia	*	*	*	0	*
East South Central	1	1	2	0	1
Alabama	1	4	5	0	2
Kentucky	1	1	3	0	3
Mississippi	1	1	6	0	2
Tennessee	1	1	2	0	1
West South Central	2	1	2	0	1
Arkansas	5	1	4	0	4
Louisiana	5	1	3	0	2
Oklahoma	3	1	1	0	1
Texas	3	2	2	0	2
Mountain	1	1	1	0	1
Arizona	1	2	2	0	2
Colorado	4	2	3	0	2
Idaho	1	1	1	0	1
Montana	2	2	4	0	1
Nevada	1	1	*	0	*
New Mexico	2	2	2	0	2
Utah	1	1	1	0	1
Wyoming	4	2	3	0	2
Pacific Contiguous	1	*	2	0	1
California	1	*	1	0	1
Oregon	2	1	6	0	2
Washington	3	1	8	0	4
Pacific Noncontiguous	*	*	1	0	*
Alaska	1	*	3	0	1
Hawaii	0	0	0	0	0

* = Value is less than half of the smallest unit of measure (e.g., for values with no decimals, the smallest unit is "1" then values under 0.5 are shown as "*".)

Notes: • See Glossary for definitions. • Relative Standard Error is designed to indicate error due to sampling. However, nonsampling error is important for all surveys, census or sample. See Technical Notes for further information. • Values for 2008 are preliminary. • It should be noted that such things as large changes in retail sales, reclassification of retail sales, or changes in billing procedures can contribute to unusually high relative standard error.

Source: Energy Information Administration, Form EIA-826, "Monthly Electric Sales and Revenue Report with State Distributions."

Table A8.B. Relative Standard Error for Average Retail Price of Electricity to Ultimate Customers by End-Use Sector, Census Division, and State, Year-to-Date through September 2008
(Percent)

Census Division and State	Residential	Commercial	Industrial	Transportation	All Sectors
New England	1	1	4	1	1
Connecticut	*	*	*	2	*
Maine	4	3	3	0	2
Massachusetts	*	*	4	0	*
New Hampshire	3	1	12	0	2
Rhode Island	0	0	0	0	0
Vermont	2	1	1	0	1
Middle Atlantic	2	1	*	1	2
New Jersey	*	*	*	5	*
New York	3	1	1	*	3
Pennsylvania	*	*	*	0	*
East North Central	2	2	3	13	1
Illinois	10	20	64	26	15
Indiana	*	*	*	0	*
Michigan	*	*	3	0	*
Ohio	1	1	3	0	1
Wisconsin	3	*	*	0	1
West North Central	4	4	9	9	5
Iowa	*	*	*	578	*
Kansas	18	19	58	0	30
Minnesota	5	3	6	0	3
Missouri	8	3	*	0	5
Nebraska	18	8	19	0	12
North Dakota	7	26	41	0	12
South Dakota	4	8	14	0	5
South Atlantic	4	7	8	*	3
Delaware	5	5	1	0	6
District of Columbia	0	0	0	1	0
Florida	4	2	8	0	3
Georgia	10	4	3	0	6
Maryland	*	*	*	0	*
North Carolina	5	2	1	0	3
South Carolina	8	14	48	0	6
Virginia	18	29	12	0	15
West Virginia	*	*	*	0	*
East South Central	3	3	7	0	4
Alabama	6	13	15	0	5
Kentucky	10	4	21	0	21
Mississippi	6	3	19	0	12
Tennessee	6	3	8	0	4
West South Central	6	3	3	0	3
Arkansas	10	4	8	0	8
Louisiana	14	5	11	0	8
Oklahoma	8	2	5	0	4
Texas	12	7	5	0	8
Mountain	2	1	2	0	1
Arizona	6	4	6	0	5
Colorado	10	4	14	0	6
Idaho	3	4	5	0	4
Montana	6	5	8	0	4
Nevada	2	2	1	0	1
New Mexico	8	5	9	0	6
Utah	4	2	3	0	2
Wyoming	10	7	10	0	6
Pacific Contiguous	2	1	6	0	3
California	2	1	4	0	3
Oregon	8	2	11	0	4
Washington	10	3	25	0	10
Pacific Noncontiguous	2	1	3	0	2
Alaska	7	4	12	0	5
Hawaii	0	0	0	0	0

* = Value is less than half of the smallest unit of measure (e.g., for values with no decimals, the smallest unit is "1" then values under 0.5 are shown as "*".)

Notes: • See Glossary for definitions. • Relative Standard Error is designed to indicate error due to sampling. However, nonsampling error is important for all surveys, census or sample. See Technical Notes for further information. • Values for 2008 are preliminary. • It should be noted that such things as large changes in retail sales, reclassification of retail sales, or changes in billing procedures can contribute to unusually high relative standard error.

Source: Energy Information Administration, Form EIA-826, "Monthly Electric Sales and Revenue Report with State Distributions."