

Name of Respondent Northern States Power Company (Minnesota)	This Report Is: (1) <input checked="" type="checkbox"/> An Original (2) <input type="checkbox"/> A Resubmission	Date of Report (Mo, Da, Yr) 04/13/2012	Year/Period of Report End of 2011/Q4
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ELECTRIC OPERATION AND MAINTENANCE EXPENSES

If the amount for previous year is not derived from previously reported figures, explain in footnote.

Line No.	Account (a)	Amount for Current Year (b)	Amount for Previous Year (c)
1	1. POWER PRODUCTION EXPENSES		
2	A. Steam Power Generation		
3	Operation		
4	(500) Operation Supervision and Engineering	5,658,524	5,732,131
5	(501) Fuel	368,455,683	336,881,468
6	(502) Steam Expenses	23,863,865	24,915,190
7	(503) Steam from Other Sources		
8	(Less) (504) Steam Transferred-Cr.		
9	(505) Electric Expenses	5,128,470	4,456,619
10	(506) Miscellaneous Steam Power Expenses	20,702,011	19,158,042
11	(507) Rents	3,070,669	4,442,075
12	(509) Allowances		
13	TOTAL Operation (Enter Total of Lines 4 thru 12)	426,879,222	395,585,525
14	Maintenance		
15	(510) Maintenance Supervision and Engineering	1,556,747	1,652,425
16	(511) Maintenance of Structures	11,141,483	6,660,075
17	(512) Maintenance of Boiler Plant	38,553,625	37,741,687
18	(513) Maintenance of Electric Plant	7,251,207	8,704,378
19	(514) Maintenance of Miscellaneous Steam Plant	14,860,639	13,810,170
20	TOTAL Maintenance (Enter Total of Lines 15 thru 19)	73,363,701	68,568,735
21	TOTAL Power Production Expenses-Steam Power (Entr Tot lines 13 & 20)	500,242,923	464,154,260
22	B. Nuclear Power Generation		
23	Operation		
24	(517) Operation Supervision and Engineering	66,751,510	72,470,778
25	(518) Fuel	112,372,793	118,068,894
26	(519) Coolants and Water	6,876,605	6,928,264
27	(520) Steam Expenses	43,337,565	36,157,756
28	(521) Steam from Other Sources		
29	(Less) (522) Steam Transferred-Cr.		
30	(523) Electric Expenses	1,958,149	2,534,898
31	(524) Miscellaneous Nuclear Power Expenses	122,474,603	114,497,703
32	(525) Rents	10,191,626	5,205,609
33	TOTAL Operation (Enter Total of lines 24 thru 32)	363,962,851	355,863,902
34	Maintenance		
35	(528) Maintenance Supervision and Engineering	11,499,633	10,634,078
36	(529) Maintenance of Structures	604,460	633,616
37	(530) Maintenance of Reactor Plant Equipment	32,843,382	19,499,095
38	(531) Maintenance of Electric Plant	13,095,812	25,963,285
39	(532) Maintenance of Miscellaneous Nuclear Plant	27,926,343	24,543,774
40	TOTAL Maintenance (Enter Total of lines 35 thru 39)	85,969,630	81,273,848
41	TOTAL Power Production Expenses-Nuc. Power (Entr tot lines 33 & 40)	449,932,481	437,137,750
42	C. Hydraulic Power Generation		
43	Operation		
44	(535) Operation Supervision and Engineering	-649	127
45	(536) Water for Power	-227	-66
46	(537) Hydraulic Expenses	1,183	3,769
47	(538) Electric Expenses	194,750	230,985
48	(539) Miscellaneous Hydraulic Power Generation Expenses	188,561	148,942
49	(540) Rents	17,786	10,162
50	TOTAL Operation (Enter Total of Lines 44 thru 49)	401,404	393,919
51	C. Hydraulic Power Generation (Continued)		
52	Maintenance		
53	(541) Maintenance Supervision and Engineering	528	1,273
54	(542) Maintenance of Structures	60,288	51,502
55	(543) Maintenance of Reservoirs, Dams, and Waterways	42,788	70,970
56	(544) Maintenance of Electric Plant	12,091	113,349
57	(545) Maintenance of Miscellaneous Hydraulic Plant	3,279	6,617
58	TOTAL Maintenance (Enter Total of lines 53 thru 57)	118,974	243,711
59	TOTAL Power Production Expenses-Hydraulic Power (tot of lines 50 & 58)	520,378	637,630

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ELECTRIC OPERATION AND MAINTENANCE EXPENSES (Continued)

If the amount for previous year is not derived from previously reported figures, explain in footnote.

Line No.	Account (a)	Amount for Current Year (b)	Amount for Previous Year (c)
60	D. Other Power Generation		
61	Operation		
62	(546) Operation Supervision and Engineering	1,628,735	1,986,289
63	(547) Fuel	101,049,517	129,326,266
64	(548) Generation Expenses	5,858,115	6,245,768
65	(549) Miscellaneous Other Power Generation Expenses	6,085,673	5,889,434
66	(550) Rents	1,328,912	1,443,178
67	TOTAL Operation (Enter Total of lines 62 thru 66)	115,950,952	144,890,935
68	Maintenance		
69	(551) Maintenance Supervision and Engineering	317,889	308,256
70	(552) Maintenance of Structures	4,219,686	5,930,883
71	(553) Maintenance of Generating and Electric Plant	13,963,358	12,600,457
72	(554) Maintenance of Miscellaneous Other Power Generation Plant	1,190,457	463,164
73	TOTAL Maintenance (Enter Total of lines 69 thru 72)	19,691,390	19,302,760
74	TOTAL Power Production Expenses-Other Power (Enter Tot of 67 & 73)	135,642,342	164,193,695
75	E. Other Power Supply Expenses		
76	(555) Purchased Power	785,928,544	860,834,376
77	(556) System Control and Load Dispatching	694,701	598,960
78	(557) Other Expenses	87,456,206	110,082,557
79	TOTAL Other Power Supply Exp (Enter Total of lines 76 thru 78)	874,079,451	971,515,893
80	TOTAL Power Production Expenses (Total of lines 21, 41, 59, 74 & 79)	1,960,417,575	2,037,639,228
81	2. TRANSMISSION EXPENSES		
82	Operation		
83	(560) Operation Supervision and Engineering	7,870,323	7,413,963
84	(561) Load Dispatching		13,065
85	(561.1) Load Dispatch-Reliability	78,784	97,751
86	(561.2) Load Dispatch-Monitor and Operate Transmission System	5,514,210	5,349,003
87	(561.3) Load Dispatch-Transmission Service and Scheduling	50,061	48,163
88	(561.4) Scheduling, System Control and Dispatch Services	7,502,385	6,595,407
89	(561.5) Reliability, Planning and Standards Development	363,749	261,291
90	(561.6) Transmission Service Studies	34,981	
91	(561.7) Generation Interconnection Studies	-930	8,686
92	(561.8) Reliability, Planning and Standards Development Services	2,251,596	474,227
93	(562) Station Expenses	1,502,430	1,141,549
94	(563) Overhead Lines Expenses	2,032,248	1,847,559
95	(564) Underground Lines Expenses	11,634	15,134
96	(565) Transmission of Electricity by Others	93,168,602	82,958,290
97	(566) Miscellaneous Transmission Expenses	58,930,326	50,725,349
98	(567) Rents	1,946,616	2,870,283
99	TOTAL Operation (Enter Total of lines 83 thru 98)	181,257,015	159,819,720
100	Maintenance		
101	(568) Maintenance Supervision and Engineering	243,782	165,713
102	(569) Maintenance of Structures	16,048	31,445
103	(569.1) Maintenance of Computer Hardware		
104	(569.2) Maintenance of Computer Software		
105	(569.3) Maintenance of Communication Equipment		
106	(569.4) Maintenance of Miscellaneous Regional Transmission Plant		
107	(570) Maintenance of Station Equipment	5,825,564	6,876,253
108	(571) Maintenance of Overhead Lines	7,442,206	7,015,709
109	(572) Maintenance of Underground Lines	12,891	14
110	(573) Maintenance of Miscellaneous Transmission Plant	281,940	442,278
111	TOTAL Maintenance (Total of lines 101 thru 110)	13,822,431	14,531,412
112	TOTAL Transmission Expenses (Total of lines 99 and 111)	195,079,446	174,351,132

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ELECTRIC OPERATION AND MAINTENANCE EXPENSES (Continued)

If the amount for previous year is not derived from previously reported figures, explain in footnote.

Line No.	Account (a)	Amount for Current Year (b)	Amount for Previous Year (c)
113	3. REGIONAL MARKET EXPENSES		
114	Operation		
115	(575.1) Operation Supervision	183,915	247,664
116	(575.2) Day-Ahead and Real-Time Market Facilitation	254,618	253,603
117	(575.3) Transmission Rights Market Facilitation	5,086	5,378
118	(575.4) Capacity Market Facilitation		
119	(575.5) Ancillary Services Market Facilitation	196,059	250,572
120	(575.6) Market Monitoring and Compliance	42,407	62,893
121	(575.7) Market Facilitation, Monitoring and Compliance Services	10,646,732	11,083,296
122	(575.8) Rents	54,193	269,312
123	Total Operation (Lines 115 thru 122)	11,383,010	12,172,718
124	Maintenance		
125	(576.1) Maintenance of Structures and Improvements		
126	(576.2) Maintenance of Computer Hardware		
127	(576.3) Maintenance of Computer Software		
128	(576.4) Maintenance of Communication Equipment		
129	(576.5) Maintenance of Miscellaneous Market Operation Plant		
130	Total Maintenance (Lines 125 thru 129)		
131	TOTAL Regional Transmission and Market Op Expns (Total 123 and 130)	11,383,010	12,172,718
132	4. DISTRIBUTION EXPENSES		
133	Operation		
134	(580) Operation Supervision and Engineering	9,496,058	9,025,753
135	(581) Load Dispatching	6,159,860	6,014,056
136	(582) Station Expenses	2,806,386	2,687,868
137	(583) Overhead Line Expenses	664,023	1,190,281
138	(584) Underground Line Expenses	6,456,323	6,631,148
139	(585) Street Lighting and Signal System Expenses	1,976,282	1,983,297
140	(586) Meter Expenses	2,708,147	2,834,576
141	(587) Customer Installations Expenses	2,033,992	2,509,916
142	(588) Miscellaneous Expenses	15,771,178	15,496,201
143	(589) Rents	4,191,089	2,841,843
144	TOTAL Operation (Enter Total of lines 134 thru 143)	52,263,338	51,214,939
145	Maintenance		
146	(590) Maintenance Supervision and Engineering	764,186	666,543
147	(591) Maintenance of Structures		
148	(592) Maintenance of Station Equipment	7,381,467	9,095,161
149	(593) Maintenance of Overhead Lines	38,179,717	35,779,597
150	(594) Maintenance of Underground Lines	10,762,727	9,888,225
151	(595) Maintenance of Line Transformers	2,021,796	1,697,601
152	(596) Maintenance of Street Lighting and Signal Systems	1,554,258	1,499,809
153	(597) Maintenance of Meters	57,685	50,730
154	(598) Maintenance of Miscellaneous Distribution Plant	2,186	3,104
155	TOTAL Maintenance (Total of lines 146 thru 154)	60,724,022	58,680,770
156	TOTAL Distribution Expenses (Total of lines 144 and 155)	112,987,360	109,895,709
157	5. CUSTOMER ACCOUNTS EXPENSES		
158	Operation		
159	(901) Supervision	124,540	150,875
160	(902) Meter Reading Expenses	19,855,491	21,007,124
161	(903) Customer Records and Collection Expenses	26,550,847	25,907,683
162	(904) Uncollectible Accounts	12,650,805	11,575,400
163	(905) Miscellaneous Customer Accounts Expenses	65,894	80,793
164	TOTAL Customer Accounts Expenses (Total of lines 159 thru 163)	59,247,577	58,721,875

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ELECTRIC OPERATION AND MAINTENANCE EXPENSES (Continued)

If the amount for previous year is not derived from previously reported figures, explain in footnote.			
Line No.	Account (a)	Amount for Current Year (b)	Amount for Previous Year (c)
165	6. CUSTOMER SERVICE AND INFORMATIONAL EXPENSES		
166	Operation		
167	(907) Supervision		
168	(908) Customer Assistance Expenses	114,642,192	78,346,792
169	(909) Informational and Instructional Expenses	1,679,985	2,028,379
170	(910) Miscellaneous Customer Service and Informational Expenses		
171	TOTAL Customer Service and Information Expenses (Total 167 thru 170)	116,322,177	80,375,171
172	7. SALES EXPENSES		
173	Operation		
174	(911) Supervision		
175	(912) Demonstrating and Selling Expenses	54,873	92,646
176	(913) Advertising Expenses		
177	(916) Miscellaneous Sales Expenses		
178	TOTAL Sales Expenses (Enter Total of lines 174 thru 177)	54,873	92,646
179	8. ADMINISTRATIVE AND GENERAL EXPENSES		
180	Operation		
181	(920) Administrative and General Salaries	60,133,518	57,447,605
182	(921) Office Supplies and Expenses	38,374,879	40,111,548
183	(Less) (922) Administrative Expenses Transferred-Credit	35,017,467	15,675,199
184	(923) Outside Services Employed	9,621,565	13,817,399
185	(924) Property Insurance	9,476,944	8,256,262
186	(925) Injuries and Damages	16,279,042	15,445,409
187	(926) Employee Pensions and Benefits	70,561,923	70,316,672
188	(927) Franchise Requirements		
189	(928) Regulatory Commission Expenses	6,058,650	6,405,852
190	(929) (Less) Duplicate Charges-Cr.	3,720,301	3,710,325
191	(930.1) General Advertising Expenses	2,558,783	2,493,788
192	(930.2) Miscellaneous General Expenses	3,263,695	2,850,658
193	(931) Rents	25,630,152	14,574,746
194	TOTAL Operation (Enter Total of lines 181 thru 193)	203,221,383	212,334,415
195	Maintenance		
196	(935) Maintenance of General Plant	705,103	481,408
197	TOTAL Administrative & General Expenses (Total of lines 194 and 196)	203,926,486	212,815,823
198	TOTAL Elec Op and Maint Expns (Total 80,112,131,156,164,171,178,197)	2,659,418,504	2,686,064,302

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FOOTNOTE DATA			

Schedule Page: 320 Line No.: 78 Column: b
 Includes \$48,949,521 of fixed costs and \$19,429,562 of variable costs reimbursed to Northern States Power Co. (a Wisconsin corporation) for production costs shared through the Interchange Agreement.

Northern States Power Co. (a Minnesota corporation) and Northern States Power Co. (a Wisconsin corporation) are both operating utility subsidiaries of Xcel Energy Inc. The two companies coordinate the operation and maintenance of their electric generation and transmission systems through a FERC-approved Interchange Agreement.

Schedule Page: 320 Line No.: 78 Column: c
 Includes \$46,897,626 of fixed costs and \$21,326,599 of variable costs reimbursed to Northern States Power Co. (a Wisconsin corporation) for production costs shared through the Interchange Agreement.

Northern States Power Co. (a Minnesota corporation) and Northern States Power Co. (a Wisconsin corporation) are both operating utility subsidiaries of Xcel Energy Inc. The two companies coordinate the operation and maintenance of their electric generation and transmission systems through a FERC-approved Interchange Agreement.

Schedule Page: 320 Line No.: 91 Column: b
 Credit balance results because Pension, Insurance and Taxes on Company labor billed for performing the studies is booked to Account Nos. 408.1, 925 and 926 while the receivable related to performing the studies is booked to Account No. 561.7

Schedule Page: 320 Line No.: 97 Column: b
 Includes \$55,954,687 of fixed costs reimbursed to Northern States Power Co. (a Wisconsin corporation) for transmission costs shared through the FERC-approved Interchange Agreement.

Schedule Page: 320 Line No.: 97 Column: c
 Includes \$48,088,000 of fixed costs reimbursed to Northern States Power Co. (a Wisconsin corporation) for transmission costs shared through the FERC-approved Interchange Agreement.

Schedule Page: 320 Line No.: 112 Column: b
 Total Transmission Expense as reported in the Form 1, page 321, line 112 is reduced by amounts related to transactions with an affiliated Company based on the FERC-approved Interchange Agreement.

Schedule Page: 320 Line No.: 112 Column: c
 Total Transmission Expense as reported in the Form 1, page 321, line 112 is reduced by amounts related to transactions with an affiliated Company based on the FERC-approved Interchange Agreement.

Northern States Power Company, a Minnesota corporation
Electric Utility - Total Company
Statement H - FERC Form 1 Tie Out
Electric Operation and Maintenance Expenses
Year Ended December 31, 2011

Line #	FERC Account	2011	Adjustments	Adjusted Total
1	1. POWER PRODUCTION EXPENSES			
2	A. Steam Power Generation			
3	Operation			
4	500 Stm Prod Op & Supr	5,658,524		
5	501 Stm Gen Fuel	368,455,683		
6	502 Steam Expenses Major	23,863,865		
7	503 Steam from Other Sources			
8	504 (Less) Steam Transferred-Cr.			
9	505 Stm Gen Elec Exp. Major	5,128,470		
10	506 Misc Steam Pwr Exp	20,702,011		
11	507 Stm Pow Gen Rents	3,070,669		
12	509 Allowances			
13	Total Operation	426,879,222		
14	Maintenance			
15	510 Stm Maint Super&Eng	1,556,747		
16	511 Stm Maint of Structures	11,141,483		
17	512 Stm Maint of Boiler Plt	38,553,625		
18	513 Stm Maint of Elec Plant	7,251,207		
19	514 Stm Maint of Misc Stm Plt	14,860,639		
20	Total Maintenance	73,363,701		
21	TOTAL Power Production Expenses-Steam	500,242,923		500,242,923
22	B. Nuclear Power Generation			
23	Operation			
24	517 Nuc Oper Super & Eng	66,751,510		
25	518 Nuclear Fuel Expense	112,372,793		
26	519 Nuclear coolants & Wtr	6,876,605		
27	520 Nuclear Steam Expense	43,337,565		
28	521 Steam from Other Sources			
29	522 (Less) Steam Transferred-Cr.			
30	523 Nuclear Electric Expense	1,958,149		
31	524 Nuclear Power Misc Exp	122,474,603		
32	525 Nuclear Gen Rents	10,191,626		
33	Total Operation	363,962,851		
34	Maintenance			
35	528 Nuc Maint Super & Eng	11,499,633		
36	529 Nuc Maint of Structures	604,460		
37	530 Nuc Mtc of React Plt Equip	32,843,382		
38	531 Nuc Maint of Elect Plant	13,095,812		
39	532 Nuc Mtc of Misc Nuc Plant	27,926,343		
40	Total Maintenance	85,969,630		
41	TOTAL Power Production Expenses-Nuc. Power	449,932,481		449,932,481
42	C. Hydraulic Power Generation			
43	Operation			
44	535 Hyd Oper Super & Eng	-649		
45	536 Hyd Oper Water for Pwr	-227		
46	537 Hydro Oper Hydraulic Exp	1183		
47	538 Hyd Oper Electric Exp	194,750		
48	539 Hydro Oper Misc Gen Exp	188,561		
49	540 Hyd Oper Rents	17,786		
50	Total Operation	401,404		
51	C. Hydraulic Power Generation (Continued)			
52	Maintenance			
53	541 Hydro Mtc Super& Eng	528		
54	542 Hyd Maint of Structures	60,288		
55	543 Hydro Mtc Resv, Dams	42,788		
56	544 Hyd Maint of Elec Plant	12,091		
57	545 Hyd Mt Misc Hyd Plnt Mjr	3,279		
58	Total Maintenance	118,974		
59	TOTAL Power Production Expenses-Hydraulic Power	520,378		520,378
60	D. Other Power Generation			
61	Operation			
62	546 Oth Oper Super&Eng	1,628,735		
63	547 Oth Oper Fuel	101,049,517		
64	548 Oth Oper Gen Exp	5,858,115		
65	549 Oth Oper Misc Gen Exp	6,085,673		
66	550 Oth Oper Rents	1,328,912		

Northern States Power Company, a Minnesota corporation
Electric Utility - Total Company
Statement H - FERC Form 1 Tie Out
Electric Operation and Maintenance Expenses
Year Ended December 31, 2011

Line #	FERC Account	2011	Adjustments	Adjusted Total
67	Total Operation	<u>115,950,952</u>		
68	Maintenance			
69	551 Oth Maint Super & Eng	317,889		
70	552 Oth Maint of Structures	4,219,686		
71	553 Oth Mtc of Gen & Ele Plant	13,963,358		
72	554 Oth Mtc Misc Gen Plt Mjr	<u>1,190,457</u>		
73	Total Maintenance	19,691,390		
74	TOTAL Power Production Expenses-Other Power	135,642,342		135,642,342
75	E. Other Power Supply Expenses			
76	555 Purchased Power	785,928,544		
77	556 Load Dispatch	694,701		
78	557 Other Power Oth Exp	<u>87,456,206</u>		
79	TOTAL Other Power Supply	874,079,451		874,079,451
80	TOTAL POWER PRODUCTION EXPENSES FERC Form 1 ⁽¹⁾	1,960,417,575		
81	Deferred Fuel Out of Period Adjustment	-1,008,805		
82	TOTAL POWER PRODUCTION EXPENSES	1,959,408,770	-4,004,500	1,955,404,270
83	2. TRANSMISSION EXPENSES			
84	Operation			
85	560 Trans Oper Super & Eng	7,870,323		
86	561 Load Dispatching			
87	561.1 Load Disp-Reliability	78,784		
88	561.2 Load Disp-Monitor/Operate	5,514,210		
89	561.3 Load Disp-Trans Serv/Sch	50,061		
90	561.4 Load Disp-Sch/Con/Disp Serv	7,502,385		
91	561.5 Rel/Plan/Standards Dev	363,749		
92	561.6 Trans Service Studies	34,981		
93	561.7 Gen Interconn Studies	-930		
94	561.8 Rel/Plan/Standards Dev Serv	2,251,596		
95	562 Trans Oper Station Exp	1,502,430		
96	563 Trans Oper OH Lines	2,032,248		
97	564 UG Line Exp	11,634		
98	565 Trans of Elec By Others	93,168,602		
99	566 Trans Oper Misc Exp	58,930,326		
100	567 Trans Rents	<u>1,946,616</u>		
101	Total Operation	181,257,015		
102	Maintenance			
103	568 Trans Mtc Super & Eng	243,782		
104	569 Trans Maint of Structures	16,048		
105	569.1 Maintenance of Computer Hardware			
106	569.2 Maintenance of Computer Software			
107	569.3 Maintenance of Communication Equipment			
108	569.4 Maintenance of Miscellaneous Regional Transmission Plant			
109	570 Tran Mnt of Station Equip	5,825,564		
110	571 Trans Mt of Overhead Line	7,442,206		
111	572 Trans Maint of UG lines	12,891		
112	573 Trans Mtc of Misc Plt Mjr	<u>281,940</u>		
113	Total Maintenance	13,822,431		
114	TOTAL TRANSMISSION EXPENSES	195,079,446	-4,020,460	191,058,986
115	3. REGIONAL MARKET EXPENSES			
116	Operation			
117	575.1 Operation Supervision	183,915		
118	575.2 DA & RT Mkt Admin	254,618		
119	575.3 Transmission Rights Market Facilitation	5,086		
120	575.4 Capacity Market Facilitation			
121	575.5 Ancillary Services Market Facilitation	196,059		
122	575.6 Market Monitoring and Compliance	42,407		
123	575.7 Mkt Fac/Mon/Comp Serv	10,646,732		
124	575.8 Regional Market Rents	<u>54,193</u>		
125	Total Operation	11,383,010		
126	Maintenance			
127	576.1 Maintenance of Structures and Improvements			
128	576.2 Maintenance of Computer Hardware			
129	576.3 Maintenance of Computer Software			

Northern States Power Company, a Minnesota corporation
Electric Utility - Total Company
Statement H - FERC Form 1 Tie Out
Electric Operation and Maintenance Expenses
Year Ended December 31, 2011

Line #	FERC Account	2011	Adjustments	Adjusted Total
130	576.4 Maintenance of Communication Equipment			
131	576.5 Maintenance of Miscellaneous Market Operation Plant			
132	Total Maintenance			
133	TOTAL REGIONAL TRANSMISSION AND MARKET OP EXPENSES ⁽¹⁾	11,383,010	-	11,383,010
134	4. DISTRIBUTION EXPENSES			
135	Operation			
136	580 Dist Oper Sup & Eng	9,496,058		
137	581 Dist Load Dispatching	6,159,860		
138	582 Dist Op Station Exp	2,806,386		
139	583 Dist Oper Overhead Lines	664,023		
140	584 Dist Op UG Elec lines	6,456,323		
141	585 Dist Oper Streetlight	1,976,282		
142	586 Dist Oper Meter Exp	2,708,147		
143	587 Dist Oper Cust Install	2,033,992		
144	588 Dist Oper Misc Exp	15,771,178		
145	589 Dist Rents	4,191,089		
146	Total Operation	52,263,338		
147	Maintenance			
148	590 Dist Mtc Super & Eng	764,186		
149	591 Maintenance of Structures			
150	592 Dist Mt of Station Equip	7,381,467		
151	593 Dist Mtc of Overhead Llnes	38,179,717		
152	594 Dist Mt of Undergrnd Line	10,762,727		
153	595 Dist Mt of Line Transform	2,021,796		
154	596 Dist Mtc of Streetlights	1,554,258		
155	597 Dist Mtc of Meters	57,685		
156	598 Dist Maint of Dist Plant	2,186		
157	Total Maintenance	60,724,022		
158	TOTAL DISTRIBUTION EXPENSES	112,987,360	-113,603	112,873,757
159	5. CUSTOMER ACCOUNTS EXPENSES			
160	Operation			
161	901 Cust Acct Supervise	124,540		
162	902 Cust Acct Meter Read	19,855,491		
163	903 Cust Acct Recrds & Coll	26,550,847		
164	904 Cust Acct Uncollect	12,650,805		
165	905 Cust Acct Misc	65,894		
166	TOTAL CUSTOMER ACCOUNTS EXPENSES	59,247,577	35,185	59,282,762
167	6. CUSTOMER SERVICE AND INFORMATION EXPENSES			
168	Operation			
169	907 Supervision			
170	908 Customer Asst Expense	114,642,192		
171	909 Cust Serv Instruct Adver	1,679,985		
172	910 Miscellaneous Customer Service and Information Expenses			
173	TOTAL CUSTOMER SERVICE AND INFORMATION EXPENSES	116,322,177		
	South Dakota Data Reassignment	2,105		
	TOTAL CUSTOMER SERVICE AND INFORMATION EXPENSES	116,324,282	-998,135	115,326,147
174	7. SALES EXPENSES			
175	Operation			
176	911 Supervision			
177	912 Sales Demo & Sales	54,873		
178	913 Advertising Expenses			
179	916 Miscellaneous Sales Expenses			
180	TOTAL SALES EXPENSES	54,873	199,253	254,126
181	8. ADMINISTRATIVE AND GENERAL EXPENSES			
182	Operation			
183	920 A&G Salaries	60,133,518		
184	921 A&G Office & Supplies	38,374,879		
185	922 (Less) A&G Admn Transfer Crdt	-35,017,467		
186	923 A&G Outside Services	9,621,565		
187	924 A&G Property Insurance	9,476,944		
188	925 A&G Injuires & Damages	16,279,042		
189	926 A&G Pen & Ben	70,561,923		

Northern States Power Company, a Minnesota corporation
Electric Utility - Total Company
Statement H - FERC Form 1 Tie Out
Electric Operation and Maintenance Expenses
Year Ended December 31, 2011

Line #	FERC Account	2011	Adjustments	Adjusted Total
190	927 Franchise Requirements			
191	928 A&G Regulatory Comm Exp	6,058,650		
192	929 (Less) A&G Duplicate Chrg Crdt	-3,720,301		
193	930.1 A&G General Advertising	2,558,783		
194	930.2 A&G Misc General Exp	3,263,695		
195	931 A&G Rents	<u>25,630,152</u>		
196	Total Operation	203,221,383		
197	Maintenance			
198	935 A&G Maint of Gen PLT	705,103		
199	TOTAL ADMINISTRATIVE & GENERAL EXPENSES FERC Form 1	203,926,486		
200	South Dakota Data Reassignment	-50,711		
201	TOTAL ADMINISTRATIVE & GENERAL EXPENSES	203,875,775	8,337,653	212,213,428
202	TOTAL ELEC OP AND MAINT EXPENSES FERC Form 1	2,659,418,504		
203	TOTAL ELEC OP AND MAINT EXPENSES	2,658,361,093	-564,607	2,657,796,486

(1) Production Expenses in the Cost of Service include both Production and Regional Transmission Market Operations

Northern States Power Company, a Minnesota corporation
 Electric Utility - Total Company
 Schedule H-1 Adjustments to Operating & Maintenance Expenses
 Year Ended December 31, 2011
 Electric Operation and Maintenance Expenses

Description	Jan Fcst	Feb Fcst	Mar Fcst	Apr Fcst	May Fcst	Jun Fcst	Jul Fcst	Aug Fcst	Sep Fcst	Oct Fcst	Nov Fcst	Dec Fcst	YE Fcst	Adjustments	Adjusted
															Total
Power Production															
Operating (1)															
Labor	13,966,350	13,496,548	18,297,037	16,691,903	19,640,122	16,433,614	13,018,417	14,683,202	13,961,818	14,166,244	15,210,600	15,055,647	184,621,506		
Other	139,825,666	135,666,464	102,360,423	126,887,788	123,513,252	132,974,113	164,979,030	152,589,041	129,373,451	128,584,848	118,202,941	141,695,187	1,596,652,204		
	153,792,016	149,163,012	120,657,460	143,579,691	143,153,374	149,407,727	177,997,447	167,272,243	143,335,269	142,751,092	133,413,541	156,750,834	1,781,273,710		
Maintenance															
Labor	5,945,279	6,099,431	10,461,751	10,899,824	10,120,034	5,329,277	4,249,188	5,034,180	5,959,543	8,605,688	5,926,029	4,716,371	83,336,595		
Other	7,212,644	7,834,133	3,718,429	6,472,950	2,612,381	9,751,042	6,922,442	8,335,956	8,583,609	12,375,748	11,317,958	10,689,969	95,807,261		
	13,157,923	13,933,564	14,180,180	17,362,774	12,732,415	15,080,319	11,171,630	13,370,136	14,543,152	20,981,436	17,243,987	15,386,340	179,143,856		
Power Production Expense TOTALS	166,949,939	163,096,576	134,837,640	160,942,465	155,885,789	164,488,046	189,169,077	180,642,379	157,878,421	163,732,528	150,657,528	172,137,174	1,960,417,566	(5,013,805)	1,955,403,761
Transmission															
Operating															
Labor	1,119,395	970,088	1,106,242	995,531	1,001,250	947,975	890,540	913,591	931,146	970,911	1,002,053	886,417	11,735,139		
Other	12,661,807	13,181,968	15,396,299	12,644,132	13,132,274	15,073,570	16,505,156	15,030,165	17,038,227	12,954,369	12,813,242	13,090,629	169,521,838		
	13,781,202	14,152,056	16,502,541	13,639,663	14,133,524	16,021,545	17,395,696	15,943,756	17,969,373	13,925,280	13,815,295	13,977,046	181,256,977		
Maintenance															
Labor	355,851	303,619	460,094	322,818	396,539	410,264	256,819	307,158	435,208	330,133	258,186	267,895	4,104,584		
Other	558,680	646,563	652,603	907,252	795,989	818,790	763,397	975,448	854,202	778,463	593,809	1,372,689	9,717,885		
	914,531	950,182	1,112,697	1,230,070	1,192,528	1,229,054	1,020,216	1,282,606	1,289,410	1,108,596	851,995	1,640,584	13,822,469		
Transmission Expense TOTALS	14,695,733	15,102,238	17,615,238	14,869,733	15,326,052	17,250,599	18,415,912	17,226,362	19,258,783	15,033,876	14,667,290	15,617,630	195,079,446	(4,020,000)	191,059,446
Regional Market															
Operating															
Labor	71,557	58,168	70,933	46,700	45,055	56,796	78,003	45,593	60,230	45,800	43,347	53,807	675,983		
Other	703,831	916,876	904,794	838,137	784,731	1,097,830	921,780	906,471	790,701	906,588	1,040,399	894,889	10,707,027		
	775,388	975,044	975,727	884,837	829,786	1,154,626	999,783	952,064	850,931	952,388	1,083,746	948,696	11,383,010		
Maintenance															
Labor	0	0	0	0	0	0	0	0	0	0	0	0	0		
Other	0	0	0	0	0	0	0	0	0	0	0	0	0		
	0	0	0	0	0	0	0	0	0	0	0	0	0		
Regional Market Expense TOTALS	775,388	975,044	975,727	884,837	829,786	1,154,626	999,783	952,064	850,931	952,388	1,083,746	948,696	11,383,010	0	11,383,010
Distribution															
Operating															
Labor	2,761,667	2,293,360	2,964,863	2,550,825	2,564,467	2,623,039	2,326,841	2,615,473	2,718,081	2,450,875	2,602,311	2,372,890	30,844,686		
Other	1,411,962	1,378,480	1,295,255	1,552,649	1,966,979	109,421	3,452,639	2,077,438	2,114,695	2,543,575	1,893,608	1,621,862	21,418,563		
	4,173,629	3,671,840	4,260,118	4,103,474	4,531,446	2,732,460	5,779,480	4,692,911	4,832,776	4,994,450	4,495,919	3,994,752	52,263,249		
Maintenance															
Labor	1,332,501	1,377,588	1,738,748	1,454,350	2,021,630	1,900,301	2,399,828	2,646,052	2,221,561	1,725,027	2,085,084	1,557,917	22,460,587		
Other	2,736,745	2,579,089	3,346,145	2,613,288	3,760,197	3,789,664	1,947,919	4,209,430	3,542,719	3,155,741	3,917,718	2,684,869	38,263,524		
	4,069,246	3,956,677	5,084,893	4,067,638	5,781,827	5,689,965	4,347,747	6,855,482	5,764,280	4,880,768	6,002,802	4,242,786	60,724,111		
Distribution Expense TOTALS	8,242,875	7,628,517	9,345,011	8,171,112	10,313,273	8,402,425	10,127,227	11,548,393	10,597,056	9,875,218	10,498,721	8,237,538	112,987,360	(114,000)	112,873,360

Northern States Power Company, a Minnesota corporation
 Electric Utility - Total Company
 Schedule H-1 Adjustments to Operating & Maintenance Expenses
 Year Ended December 31, 2008
 Electric Operation and Maintenance Expenses

Description	Jan Fcst	Feb Fcst	Mar Fcst	Apr Fcst	May Fcst	Jun Fcst	Jul Fcst	Aug Fcst	Sep Fcst	Oct Fcst	Nov Fcst	Dec Fcst	YE Fcst	Adjustments	Adjusted Total
Customer Accounting															
Operating															
Labor	1,351,853	1,128,460	1,386,564	1,193,277	1,244,089	1,301,657	1,190,834	1,307,074	1,255,566	1,207,527	1,209,819	1,394,191	15,170,915		
Other	2,899,070	2,497,666	2,489,972	1,682,169	7,306,509	4,083,803	3,654,703	3,595,831	3,500,056	3,791,446	3,743,738	4,831,699	44,076,662		
	4,250,923	3,626,126	3,876,536	2,875,446	8,550,598	5,385,460	4,845,537	4,902,905	4,755,622	4,998,973	4,953,557	6,225,890	59,247,577		
Maintenance															
Labor	0	0	0	0	0	0	0	0	0	0	0	0	0		
Other	0	0	0	0	0	0	0	0	0	0	0	0	0		
	0	0	0	0	0	0	0	0	0	0	0	0	0		
Customer Accounting Expense TOTALS	4,250,923	3,626,126	3,876,536	2,875,446	8,550,598	5,385,460	4,845,537	4,902,905	4,755,622	4,998,973	4,953,557	6,225,890	59,247,577	35,000	59,282,577
Customer Service and Information															
Operating															
Labor	258,517	121,416	199,668	171,371	175,876	149,331	166,816	168,482	138,958	148,659	141,111	142,702	1,982,901		
Other	9,471,672	8,493,366	9,126,429	8,082,195	8,557,397	9,637,142	12,043,852	10,956,303	9,098,946	8,602,296	9,823,694	10,445,981	114,339,276		
	9,730,189	8,614,782	9,326,097	8,253,566	8,733,273	9,786,473	12,210,668	11,124,785	9,237,904	8,750,955	9,964,805	10,588,683	116,322,177		
Maintenance															
Labor	0	0	0	0	0	0	0	0	0	0	0	0	0		
Other	0	0	0	0	0	0	0	0	0	0	0	0	0		
	0	0	0	0	0	0	0	0	0	0	0	0	0		
Customer Serv & Information TOTALS	9,730,189	8,614,782	9,326,097	8,253,566	8,733,273	9,786,473	12,210,668	11,124,785	9,237,904	8,750,955	9,964,805	10,588,683	116,322,177	(996,030)	115,326,147
Sales															
Operating															
Labor	3,983	2,513	1,665	165	2,465	2,621	4,363	3,384	(101)	1,942	2,129	0	25,134		
Other	205	27	123	117	755	1,037	125	423	489	264	1,693	24,481	29,739		
	4,188	2,540	1,788	282	3,220	3,658	4,488	3,807	388	2,206	3,822	24,481	54,873		
Maintenance															
Labor	0	0	0	0	0	0	0	0	0	0	0	0	0		
Other	0	0	0	0	0	0	0	0	0	0	0	0	0		
	0	0	0	0	0	0	0	0	0	0	0	0	0		
Sales Expense TOTALS	4,188	2,540	1,788	282	3,220	3,658	4,488	3,807	388	2,206	3,822	24,481	54,873	199,000	253,873
Administrative & General															
Operating															
Labor	10,998,453	10,361,937	8,834,293	11,026,758	11,160,852	8,983,153	11,901,671	11,407,108	11,619,013	11,836,664	12,387,081	13,647,706	134,164,693		
Other	6,291,594	5,333,723	6,378,397	4,372,020	5,871,132	4,672,533	11,310,977	6,703,850	4,360,174	5,329,559	2,992,283	5,440,459	69,056,701		
	17,290,047	15,695,660	15,212,690	15,398,778	17,031,984	13,655,686	23,212,648	18,110,958	15,979,187	17,166,223	15,379,364	19,088,165	203,221,394		
Maintenance															
Labor	0	0	0	0	0	0	0	0	0	0	0	0	0		
Other	72,527	76,366	25,889	38,067	30,130	39,622	38,766	38,943	33,296	38,599	67,514	205,373	705,092		
	72,527	76,366	25,889	38,067	30,130	39,622	38,766	38,943	33,296	38,599	67,514	205,373	705,092		
Admin & General Expense TOTALS	17,362,574	15,772,026	15,238,579	15,436,845	17,062,114	13,695,308	23,251,414	18,149,901	16,012,483	17,204,822	15,446,878	19,293,538	203,926,486	8,287,909	212,214,395
TOTAL Operating															
Labor	30,531,775	28,432,490	32,861,265	32,676,530	35,834,176	30,498,186	29,577,485	31,143,907	30,684,711	30,828,622	32,598,451	33,553,360	379,220,957		
Other	173,265,807	167,468,570	137,951,692	156,059,207	161,133,029	167,649,449	212,868,262	191,859,522	166,276,739	162,712,945	150,511,598	178,045,187	2,025,802,010		
	203,797,582	195,901,060	170,812,957	188,735,737	196,967,205	198,147,635	242,445,747	223,003,429	196,961,450	193,541,567	183,110,049	211,598,547	2,405,022,967		
TOTAL Maintenance															
Labor	7,633,631	7,780,638	12,660,593	12,666,992	12,538,203	7,639,842	6,905,835	7,987,390	8,616,312	10,660,848	8,269,299	6,542,183	109,901,766		
Other	10,580,596	11,136,151	7,743,066	10,031,557	7,198,697	14,379,118	9,672,524	13,559,777	13,013,826	16,348,551	15,895,999	14,932,900	144,493,762		
	18,214,227	18,916,789	20,403,659	22,698,549	19,736,900	22,018,960	16,578,359	21,547,167	21,630,138	27,009,399	24,166,298	21,475,083	254,395,528		
	222,011,809	214,817,849	191,216,616	211,434,286	216,704,105	220,166,595	259,024,106	244,550,596	218,591,588	220,550,966	207,276,347	233,073,630	2,659,418,495	(1,621,926)	2,657,796,569

(1) FERC accounts 555, 556, and 557 are included in operating total

Name of Respondent Northern States Power Company (Minnesota)	This Report Is: (1) <input checked="" type="checkbox"/> An Original (2) <input type="checkbox"/> A Resubmission	Date of Report (Mo, Da, Yr) 04/13/2012	Year/Period of Report End of 2011/Q4
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SALES FOR RESALE (Account 447)

1. Report all sales for resale (i.e., sales to purchasers other than ultimate consumers) transacted on a settlement basis other than power exchanges during the year. Do not report exchanges of electricity (i.e., transactions involving a balancing of debits and credits for energy, capacity, etc.) and any settlements for imbalanced exchanges on this schedule. Power exchanges must be reported on the Purchased Power schedule (Page 326-327).

2. Enter the name of the purchaser in column (a). Do not abbreviate or truncate the name or use acronyms. Explain in a footnote any ownership interest or affiliation the respondent has with the purchaser.

3. In column (b), enter a Statistical Classification Code based on the original contractual terms and conditions of the service as follows:
 RQ - for requirements service. Requirements service is service which the supplier plans to provide on an ongoing basis (i.e., the supplier includes projected load for this service in its system resource planning). In addition, the reliability of requirements service must be the same as, or second only to, the supplier's service to its own ultimate consumers.
 LF - for long-term service. "Long-term" means five years or Longer and "firm" means that service cannot be interrupted for economic reasons and is intended to remain reliable even under adverse conditions (e.g., the supplier must attempt to buy emergency energy from third parties to maintain deliveries of LF service). This category should not be used for Long-term firm service which meets the definition of RQ service. For all transactions identified as LF, provide in a footnote the termination date of the contract defined as the earliest date that either buyer or setter can unilaterally get out of the contract.
 IF - for intermediate-term firm service. The same as LF service except that "intermediate-term" means longer than one year but Less than five years.
 SF - for short-term firm service. Use this category for all firm services where the duration of each period of commitment for service is one year or less.
 LU - for Long-term service from a designated generating unit. "Long-term" means five years or Longer. The availability and reliability of service, aside from transmission constraints, must match the availability and reliability of designated unit.
 IU - for intermediate-term service from a designated generating unit. The same as LU service except that "intermediate-term" means Longer than one year but Less than five years.

Line No.	Name of Company or Public Authority (Footnote Affiliations) (a)	Statistical Classification (b)	FERC Rate Schedule or Tariff Number (c)	Average Monthly Billing Demand (MW) (d)	Actual Demand (MW)	
					Average Monthly NCP Demand (e)	Average Monthly CP Demand (f)
1	City of Janesville CMMPA	OS	RS470	N/A	N/A	N/A
2	City of Kasson	OS	RS470	N/A	N/A	N/A
3	City of Kasson	SF	V6	N/A	N/A	N/A
4	City of Kenyon CMMPA	OS	RS470	N/A	N/A	N/A
5	City of Mountain Lake CMMPA	OS	RS470	N/A	N/A	N/A
6	City of Springfield CMMPA	OS	RS470	N/A	N/A	N/A
7	City of Windom CMMPA	OS	RS470	N/A	N/A	N/A
8	EDF Trading North America, LLC	OS	V6	N/A	N/A	N/A
9	Heartland Consumers Power District	SF	V6	N/A	N/A	N/A
10	Hutchinson Utilities Commission	SF	V6	N/A	N/A	N/A
11	Integrays Energy Services	OS	V6	N/A	N/A	N/A
12	Janesville Public Utilities Commission	SF	V6	N/A	N/A	N/A
13	Macquarie Energy LLC	OS	V6	N/A	N/A	N/A
14	Midwest Independent System Operator	OS	V6	N/A	N/A	N/A
	Subtotal RQ			0	0	0
	Subtotal non-RQ			0	0	0
	Total			0	0	0

Name of Respondent Northern States Power Company (Minnesota)	This Report Is: (1) <input checked="" type="checkbox"/> An Original (2) <input type="checkbox"/> A Resubmission	Date of Report (Mo, Da, Yr) 04/13/2012	Year/Period of Report End of 2011/Q4
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SALES FOR RESALE (Account 447)

1. Report all sales for resale (i.e., sales to purchasers other than ultimate consumers) transacted on a settlement basis other than power exchanges during the year. Do not report exchanges of electricity (i.e., transactions involving a balancing of debits and credits for energy, capacity, etc.) and any settlements for imbalanced exchanges on this schedule. Power exchanges must be reported on the Purchased Power schedule (Page 326-327).

2. Enter the name of the purchaser in column (a). Do not abbreviate or truncate the name or use acronyms. Explain in a footnote any ownership interest or affiliation the respondent has with the purchaser.

3. In column (b), enter a Statistical Classification Code based on the original contractual terms and conditions of the service as follows:
 RQ - for requirements service. Requirements service is service which the supplier plans to provide on an ongoing basis (i.e., the supplier includes projected load for this service in its system resource planning). In addition, the reliability of requirements service must be the same as, or second only to, the supplier's service to its own ultimate consumers.
 LF - for long-term service. "Long-term" means five years or Longer and "firm" means that service cannot be interrupted for economic reasons and is intended to remain reliable even under adverse conditions (e.g., the supplier must attempt to buy emergency energy from third parties to maintain deliveries of LF service). This category should not be used for Long-term firm service which meets the definition of RQ service. For all transactions identified as LF, provide in a footnote the termination date of the contract defined as the earliest date that either buyer or setter can unilaterally get out of the contract.
 IF - for intermediate-term firm service. The same as LF service except that "intermediate-term" means longer than one year but Less than five years.
 SF - for short-term firm service. Use this category for all firm services where the duration of each period of commitment for service is one year or less.
 LU - for Long-term service from a designated generating unit. "Long-term" means five years or Longer. The availability and reliability of service, aside from transmission constraints, must match the availability and reliability of designated unit.
 IU - for intermediate-term service from a designated generating unit. The same as LU service except that "intermediate-term" means Longer than one year but Less than five years.

Line No.	Name of Company or Public Authority (Footnote Affiliations) (a)	Statistical Classification (b)	FERC Rate Schedule or Tariff Number (c)	Average Monthly Billing Demand (MW) (d)	Actual Demand (MW)	
					Average Monthly NCP Demand (e)	Average Monthly CP Demand (f)
1	Missouri River Energy Services	SF	V6	N/A	N/A	N/A
2	Montana-Dakota Utilities	OS	V6	N/A	N/A	N/A
3	Mountain Lake Utilities Commission	SF	V6	N/A	N/A	N/A
4	North Central Power	OS	V6	N/A	N/A	N/A
5	North Central Power	SF	V6	N/A	N/A	N/A
6	Northwestern Wisconsin Electric	OS	V6	N/A	N/A	N/A
7	Northwestern Wisconsin Electric	SF	V6	N/A	N/A	N/A
8	Sleepy Eye Utility	OS	RS470	N/A	N/A	N/A
9	Sleepy Eye Utility	SF	V6	N/A	N/A	N/A
10	Southern Minnesota Municipal Power Agen	OS	V6	N/A	N/A	N/A
11	The Energy Authority	OS	V6	N/A	N/A	N/A
12	The Energy Authority	SF	V6	N/A	N/A	N/A
13	Unbilled			N/A	N/A	N/A
14						
	Subtotal RQ			0	0	0
	Subtotal non-RQ			0	0	0
	Total			0	0	0

Name of Respondent Northern States Power Company (Minnesota)	This Report Is: (1) <input checked="" type="checkbox"/> An Original (2) <input type="checkbox"/> A Resubmission	Date of Report (Mo, Da, Yr) 04/13/2012	Year/Period of Report End of 2011/Q4
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SALES FOR RESALE (Account 447)

1. Report all sales for resale (i.e., sales to purchasers other than ultimate consumers) transacted on a settlement basis other than power exchanges during the year. Do not report exchanges of electricity (i.e., transactions involving a balancing of debits and credits for energy, capacity, etc.) and any settlements for imbalanced exchanges on this schedule. Power exchanges must be reported on the Purchased Power schedule (Page 326-327).

2. Enter the name of the purchaser in column (a). Do not abbreviate or truncate the name or use acronyms. Explain in a footnote any ownership interest or affiliation the respondent has with the purchaser.

3. In column (b), enter a Statistical Classification Code based on the original contractual terms and conditions of the service as follows:
 RQ - for requirements service. Requirements service is service which the supplier plans to provide on an ongoing basis (i.e., the supplier includes projected load for this service in its system resource planning). In addition, the reliability of requirements service must be the same as, or second only to, the supplier's service to its own ultimate consumers.
 LF - for long-term service. "Long-term" means five years or Longer and "firm" means that service cannot be interrupted for economic reasons and is intended to remain reliable even under adverse conditions (e.g., the supplier must attempt to buy emergency energy from third parties to maintain deliveries of LF service). This category should not be used for Long-term firm service which meets the definition of RQ service. For all transactions identified as LF, provide in a footnote the termination date of the contract defined as the earliest date that either buyer or setter can unilaterally get out of the contract.
 IF - for intermediate-term firm service. The same as LF service except that "intermediate-term" means longer than one year but Less than five years.
 SF - for short-term firm service. Use this category for all firm services where the duration of each period of commitment for service is one year or less.
 LU - for Long-term service from a designated generating unit. "Long-term" means five years or Longer. The availability and reliability of service, aside from transmission constraints, must match the availability and reliability of designated unit.
 IU - for intermediate-term service from a designated generating unit. The same as LU service except that "intermediate-term" means Longer than one year but Less than five years.

Line No.	Name of Company or Public Authority (Footnote Affiliations) (a)	Statistical Classification (b)	FERC Rate Schedule or Tariff Number (c)	Average Monthly Billing Demand (MW) (d)	Actual Demand (MW)	
					Average Monthly NCP Demand (e)	Average Monthly CP Demand (f)
1	footnote for total dollars and Mwh					
2						
3	**Footnote from 106b**					
4						
5						
6						
7						
8						
9						
10						
11						
12						
13						
14						
	Subtotal RQ			0	0	0
	Subtotal non-RQ			0	0	0
	Total			0	0	0

Name of Respondent Northern States Power Company (Minnesota)	This Report Is: (1) <input checked="" type="checkbox"/> An Original (2) <input type="checkbox"/> A Resubmission	Date of Report (Mo, Da, Yr) 04/13/2012	Year/Period of Report End of 2011/Q4
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SALES FOR RESALE (Account 447) (Continued)

OS - for other service. use this category only for those services which cannot be placed in the above-defined categories, such as all non-firm service regardless of the Length of the contract and service from designated units of Less than one year. Describe the nature of the service in a footnote.

AD - for Out-of-period adjustment. Use this code for any accounting adjustments or "true-ups" for service provided in prior reporting years. Provide an explanation in a footnote for each adjustment.

4. Group requirements RQ sales together and report them starting at line number one. After listing all RQ sales, enter "Subtotal - RQ" in column (a). The remaining sales may then be listed in any order. Enter "Subtotal-Non-RQ" in column (a) after this Listing. Enter "Total" in column (a) as the Last Line of the schedule. Report subtotals and total for columns (9) through (k)

5. In Column (c), identify the FERC Rate Schedule or Tariff Number. On separate Lines, List all FERC rate schedules or tariffs under which service, as identified in column (b), is provided.

6. For requirements RQ sales and any type of-service involving demand charges imposed on a monthly (or Longer) basis, enter the average monthly billing demand in column (d), the average monthly non-coincident peak (NCP) demand in column (e), and the average monthly coincident peak (CP)

demand in column (f). For all other types of service, enter NA in columns (d), (e) and (f). Monthly NCP demand is the maximum metered hourly (60-minute integration) demand in a month. Monthly CP demand is the metered demand during the hour (60-minute integration) in which the supplier's system reaches its monthly peak. Demand reported in columns (e) and (f) must be in megawatts. Footnote any demand not stated on a megawatt basis and explain.

7. Report in column (g) the megawatt hours shown on bills rendered to the purchaser.

8. Report demand charges in column (h), energy charges in column (i), and the total of any other types of charges, including out-of-period adjustments, in column (j). Explain in a footnote all components of the amount shown in column (j). Report in column (k) the total charge shown on bills rendered to the purchaser.

9. The data in column (g) through (k) must be subtotaled based on the RQ/Non-RQ grouping (see instruction 4), and then totaled on the Last -line of the schedule. The "Subtotal - RQ" amount in column (g) must be reported as Requirements Sales For Resale on Page 401, line 23. The "Subtotal - Non-RQ" amount in column (g) must be reported as Non-Requirements Sales For Resale on Page 401, line 24.

10. Footnote entries as required and provide explanations following all required data.

MegaWatt Hours Sold (g)	REVENUE			Total (\$) (h+i+j) (k)	Line No.
	Demand Charges (\$) (h)	Energy Charges (\$) (i)	Other Charges (\$) (j)		
8,275	105,122	404,735	301	510,158	1
3,705	57,665	192,582	302	250,549	2
14,080	131,789	671,522	140	803,451	3
20,033	256,948	891,832	338	1,149,118	4
2,680	28,230	131,428	28	159,686	5
17,106	165,017	827,963	28	993,008	6
6,373,017		330,939,729		330,939,729	7
-23,289			-1,436,384	-1,436,384	8
1,880		76,089		76,089	9
43,833		1,402,214		1,402,214	10
33,088		981,938		981,938	11
2,342		69,231		69,231	12
23,855		737,391		737,391	13
8,458		249,034		249,034	14
6,415,607	744,771	334,059,791	-1,435,247	333,369,315	
2,858,584	2,768,490	79,181,649	-4,992,188	76,957,951	
9,274,191	3,513,261	413,241,440	-6,427,435	410,327,266	

Name of Respondent Northern States Power Company (Minnesota)	This Report Is: (1) <input checked="" type="checkbox"/> An Original (2) <input type="checkbox"/> A Resubmission	Date of Report (Mo, Da, Yr) 04/13/2012	Year/Period of Report End of 2011/Q4	Statement H-2 Page 6 of 9
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SALES FOR RESALE (Account 447) (Continued)

OS - for other service. use this category only for those services which cannot be placed in the above-defined categories, such as all non-firm service regardless of the Length of the contract and service from designated units of Less than one year. Describe the nature of the service in a footnote.

AD - for Out-of-period adjustment. Use this code for any accounting adjustments or "true-ups" for service provided in prior reporting years. Provide an explanation in a footnote for each adjustment.

4. Group requirements RQ sales together and report them starting at line number one. After listing all RQ sales, enter "Subtotal - RQ" in column (a). The remaining sales may then be listed in any order. Enter "Subtotal-Non-RQ" in column (a) after this Listing. Enter "Total" in column (a) as the Last Line of the schedule. Report subtotals and total for columns (9) through (k)

5. In Column (c), identify the FERC Rate Schedule or Tariff Number. On separate Lines, List all FERC rate schedules or tariffs under which service, as identified in column (b), is provided.

6. For requirements RQ sales and any type of-service involving demand charges imposed on a monthly (or Longer) basis, enter the average monthly billing demand in column (d), the average monthly non-coincident peak (NCP) demand in column (e), and the average monthly coincident peak (CP)

demand in column (f). For all other types of service, enter NA in columns (d), (e) and (f). Monthly NCP demand is the maximum metered hourly (60-minute integration) demand in a month. Monthly CP demand is the metered demand during the hour (60-minute integration) in which the supplier's system reaches its monthly peak. Demand reported in columns (e) and (f) must be in megawatts. Footnote any demand not stated on a megawatt basis and explain.

7. Report in column (g) the megawatt hours shown on bills rendered to the purchaser.

8. Report demand charges in column (h), energy charges in column (i), and the total of any other types of charges, including out-of-period adjustments, in column (j). Explain in a footnote all components of the amount shown in column (j). Report in column (k) the total charge shown on bills rendered to the purchaser.

9. The data in column (g) through (k) must be subtotaled based on the RQ/Non-RQ grouping (see instruction 4), and then totaled on the Last -line of the schedule. The "Subtotal - RQ" amount in column (g) must be reported as Requirements Sales For Resale on Page 401, line 23. The "Subtotal - Non-RQ" amount in column (g) must be reported as Non-Requirements Sales For Resale on Page 401, line 24.

10. Footnote entries as required and provide explanations following all required data.

MegaWatt Hours Sold (g)	REVENUE			Total (\$) (h+i+j) (k)	Line No.
	Demand Charges (\$) (h)	Energy Charges (\$) (i)	Other Charges (\$) (j)		
6,566		171,210		171,210	1
8,983		226,460		226,460	2
9,059		348,779		348,779	3
10,962		326,543		326,543	4
9,172		260,719		260,719	5
8,101		244,907		244,907	6
21,654		609,640		609,640	7
	3,160			3,160	8
131,400		7,483,230		7,483,230	9
131,520		6,504,979		6,504,979	10
	83,500			83,500	11
4,867		219,024		219,024	12
	645,000			645,000	13
2,020,996		45,985,840	202,374	46,188,214	14
6,415,607	744,771	334,059,791	-1,435,247	333,369,315	
2,858,584	2,768,490	79,181,649	-4,992,188	76,957,951	
9,274,191	3,513,261	413,241,440	-6,427,435	410,327,266	

Name of Respondent Northern States Power Company (Minnesota)	This Report Is: (1) <input checked="" type="checkbox"/> An Original (2) <input type="checkbox"/> A Resubmission	Date of Report (Mo, Da, Yr) 04/13/2012	Year/Period of Report End of 2011/Q4	Statement H-2 Page 7 of 9
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SALES FOR RESALE (Account 447) (Continued)

OS - for other service. use this category only for those services which cannot be placed in the above-defined categories, such as all non-firm service regardless of the Length of the contract and service from designated units of Less than one year. Describe the nature of the service in a footnote.

AD - for Out-of-period adjustment. Use this code for any accounting adjustments or "true-ups" for service provided in prior reporting years. Provide an explanation in a footnote for each adjustment.

4. Group requirements RQ sales together and report them starting at line number one. After listing all RQ sales, enter "Subtotal - RQ" in column (a). The remaining sales may then be listed in any order. Enter "Subtotal-Non-RQ" in column (a) after this Listing. Enter "Total" in column (a) as the Last Line of the schedule. Report subtotals and total for columns (9) through (k)

5. In Column (c), identify the FERC Rate Schedule or Tariff Number. On separate Lines, List all FERC rate schedules or tariffs under which service, as identified in column (b), is provided.

6. For requirements RQ sales and any type of-service involving demand charges imposed on a monthly (or Longer) basis, enter the average monthly billing demand in column (d), the average monthly non-coincident peak (NCP) demand in column (e), and the average monthly coincident peak (CP)

demand in column (f). For all other types of service, enter NA in columns (d), (e) and (f). Monthly NCP demand is the maximum metered hourly (60-minute integration) demand in a month. Monthly CP demand is the metered demand during the hour (60-minute integration) in which the supplier's system reaches its monthly peak. Demand reported in columns (e) and (f) must be in megawatts. Footnote any demand not stated on a megawatt basis and explain.

7. Report in column (g) the megawatt hours shown on bills rendered to the purchaser.

8. Report demand charges in column (h), energy charges in column (i), and the total of any other types of charges, including out-of-period adjustments, in column (j). Explain in a footnote all components of the amount shown in column (j). Report in column (k) the total charge shown on bills rendered to the purchaser.

9. The data in column (g) through (k) must be subtotaled based on the RQ/Non-RQ grouping (see instruction 4), and then totaled on the Last -line of the schedule. The "Subtotal - RQ" amount in column (g) must be reported as Requirements Sales For Resale on Page 401, line 23. The "Subtotal - Non-RQ" amount in column (g) must be reported as Non-Requirements Sales For Resale on Page 401, line 24.

10. Footnote entries as required and provide explanations following all required data.

MegaWatt Hours Sold (g)	REVENUE			Total (\$) (h+i+j) (k)	Line No.
	Demand Charges (\$) (h)	Energy Charges (\$) (i)	Other Charges (\$) (j)		
120,240		4,088,160		4,088,160	1
	1,858,500			1,858,500	2
2,056		92,520		92,520	3
12,354	17,200	349,795		366,995	4
11,728		564,880		564,880	5
44,392	150,600	1,264,549		1,415,149	6
114,887		5,356,865		5,356,865	7
9,129		253,524		253,524	8
7,152		275,352		275,352	9
	9,000			9,000	10
1,600		58,400		58,400	11
24,000		835,200		835,200	12
34,310	1,530	145,176	-5,194,562	-5,047,856	13
					14
6,415,607	744,771	334,059,791	-1,435,247	333,369,315	
2,858,584	2,768,490	79,181,649	-4,992,188	76,957,951	
9,274,191	3,513,261	413,241,440	-6,427,435	410,327,266	

Name of Respondent Northern States Power Company (Minnesota)	This Report Is: (1) <input checked="" type="checkbox"/> An Original (2) <input type="checkbox"/> A Resubmission	Date of Report (Mo, Da, Yr) 04/13/2012	Year/Period of Report End of 2011/Q4
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SALES FOR RESALE (Account 447) (Continued)

OS - for other service. use this category only for those services which cannot be placed in the above-defined categories, such as all non-firm service regardless of the Length of the contract and service from designated units of Less than one year. Describe the nature of the service in a footnote.

AD - for Out-of-period adjustment. Use this code for any accounting adjustments or "true-ups" for service provided in prior reporting years. Provide an explanation in a footnote for each adjustment.

4. Group requirements RQ sales together and report them starting at line number one. After listing all RQ sales, enter "Subtotal - RQ" in column (a). The remaining sales may then be listed in any order. Enter "Subtotal-Non-RQ" in column (a) after this Listing. Enter "Total" in column (a) as the Last Line of the schedule. Report subtotals and total for columns (9) through (k)

5. In Column (c), identify the FERC Rate Schedule or Tariff Number. On separate Lines, List all FERC rate schedules or tariffs under which service, as identified in column (b), is provided.

6. For requirements RQ sales and any type of-service involving demand charges imposed on a monthly (or Longer) basis, enter the average monthly billing demand in column (d), the average monthly non-coincident peak (NCP) demand in column (e), and the average monthly coincident peak (CP)

demand in column (f). For all other types of service, enter NA in columns (d), (e) and (f). Monthly NCP demand is the maximum metered hourly (60-minute integration) demand in a month. Monthly CP demand is the metered demand during the hour (60-minute integration) in which the supplier's system reaches its monthly peak. Demand reported in columns (e) and (f) must be in megawatts. Footnote any demand not stated on a megawatt basis and explain.

7. Report in column (g) the megawatt hours shown on bills rendered to the purchaser.

8. Report demand charges in column (h), energy charges in column (i), and the total of any other types of charges, including out-of-period adjustments, in column (j). Explain in a footnote all components of the amount shown in column (j). Report in column (k) the total charge shown on bills rendered to the purchaser.

9. The data in column (g) through (k) must be subtotaed based on the RQ/Non-RQ grouping (see instruction 4), and then totaled on the Last -line of the schedule. The "Subtotal - RQ" amount in column (g) must be reported as Requirements Sales For Resale on Page 401, line 23. The "Subtotal - Non-RQ" amount in column (g) must be reported as Non-Requirements Sales For Resale on Page 401, iine 24.

10. Footnote entries as required and provide explanations following all required data.

MegaWatt Hours Sold (g)	REVENUE			Total (\$) (h+i+j) (k)	Line No.
	Demand Charges (\$) (h)	Energy Charges (\$) (i)	Other Charges (\$) (j)		
					1
					2
					3
					4
					5
					6
					7
					8
					9
					10
					11
					12
					13
					14
6,415,607	744,771	334,059,791	-1,435,247	333,369,315	
2,858,584	2,768,490	79,181,649	-4,992,188	76,957,951	
9,274,191	3,513,261	413,241,440	-6,427,435	410,327,266	

Name of Respondent Northern States Power Company (Minnesota)	This Report is: (1) <input checked="" type="checkbox"/> An Original (2) <input type="checkbox"/> A Resubmission	Date of Report (Mo, Da, Yr) 04/13/2012	Year/Period of Report 2011/Q4
FOOTNOTE DATA			

Schedule Page: 310 Line No.: 1 Column: j

Customer charge

Schedule Page: 310 Line No.: 2 Column: j

Customer charge

Schedule Page: 310 Line No.: 3 Column: j

Customer charge

Schedule Page: 310 Line No.: 4 Column: j

Customer charge

Schedule Page: 310 Line No.: 5 Column: j

Customer charge

Schedule Page: 310 Line No.: 6 Column: j

Customer charge

Schedule Page: 310 Line No.: 7 Column: a

Ownership interest or affiliation per Instruction 2:

Northern States Power Co. (a Wisconsin corporation) and Northern States Power Co. (a Minnesota corporation) are both wholly owned operating subsidiaries of Xcel Energy Inc.

Schedule Page: 310 Line No.: 8 Column: j

Unbilled activity

Schedule Page: 310.1 Line No.: 14 Column: j

Ancillary services

Schedule Page: 310.2 Line No.: 13 Column: j

Unbilled Activity

Schedule Page: 310.3 Line No.: 1 Column: a

Total revenue and volumes sold will not match pages 300-1, line 11, due to differences in accounting classification associated with the Northern States Power Co. (a Minnesota corporation) and Northern States Power Co. (a Wisconsin corporation) Interchange.

	Revenue	Mwh
page 300, line 11(b)	\$ 79,387,537	line 11(d) 2,901,174
page 311 total (k)	\$410,327,266	total (g) 9,274,191
less net interchange agreement	(330,939,729)	(6,373,017)
	\$ 79,387,537	2,901,174

Schedule Page: 310.3 Line No.: 3 Column: k

Sales for Resale (Account 447). The revenue credit from sales for resale included in the formula are for bundled sales that are not included in the formula divisor.

Northern States Power Company, a Minnesota corporation
Electric Utility - Total Company
Schedule H-3 Working Papers for Listed Expense Accounts
Year Ended December 31, 2011
Customer Service and Information

Line No.	Description	FERC	Amount
1	Customer Service Instruction Advertising	909	<u>\$ 1,679,987</u>
2	Informational Advertising		
3	Customer Program Advertising		44,350
4	Customer Program Information		<u>341,909</u>
5	Total Informational Advertising		386,259
6	Safety		625,874
7	Conservation		667,854

Northern States Power Company, a Minnesota corporation
Electric Utility - Total Company
Schedule H-3 Working Papers for Listed Expense Accounts
Year Ended December 31, 2011
Sales

Line No.	Description	FERC	Amount
1	Advertising Expenses	913	<u>\$ -</u>

Northern States Power Company, a Minnesota corporation
Electric Utility - Total Company
Schedule H-3 Working Papers for Listed Expense Accounts
Year Ended December 31, 2011
Administrative and General

Line No.	Description	FERC	Amount
1	A&G Admn Transfer Credit (Non-Labor)	922	<u>\$ (35,017,250)</u>

Northern States Power Company, a Minnesota corporation
Electric Utility - Total Company
Schedule H-3 Working Papers for Listed Expense Accounts
Year Ended December 31, 2011
Administrative and General

Line No.	Description	FERC	Amount
1	A&G Pen & Ben	926	<u>\$ 70,561,885</u>
2	Electric Labor Load - Insurance		45,238,013
3	Electric Labor Load - Pension		<u>25,323,872</u>

Northern States Power Company, a Minnesota corporation
Electric Utility - Total Company
Schedule H-3 Working Papers for Listed Expense Accounts
Year Ended December 31, 2011
Administrative and General

Line No.	Description	FERC	Amount
1	A&G Regulatory Comm Exp	928	<u>\$ 6,058,652</u>
2	E-002/RP-00-797 (2002 Resource Plan)		20,777
3	Mandated Customer Notices		84,563
4	MN Assessments		3,675,034
5	SD Assessments		268,737
6	ND Assessments		101,548
7	NERC Fees		39,160
8	FERC Annual Assessment		71
9	Expenses of state rate case filings		1,801,605
10	Expenses of FERC rate case filings		29,624
11	Miscellaneous		<u>37,533</u>

See attached FF1 Page

Name of Respondent Northern States Power Company (Minnesota)	This Report Is: (1) <input checked="" type="checkbox"/> An Original (2) <input type="checkbox"/> A Resubmission	Date of Report (Mo, Da, Yr) 04/13/2012	Year/Period of Report End of 2011/Q4
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REGULATORY COMMISSION EXPENSES

1. Report particulars (details) of regulatory commission expenses incurred during the current year (or incurred in previous years, if being amortized) relating to format cases before a regulatory body, or cases in which such a body was a party.
 2. Report in columns (b) and (c), only the current year's expenses that are not deferred and the current year's amortization of amounts deferred in previous years.

Line No.	Description (Furnish name of regulatory commission or body the docket or case number and a description of the case) (a)	Assessed by Regulatory Commission (b)	Expenses of Utility (c)	Total Expense for Current Year (b) + (c) (d)	Deferred in Account 182.3 at Beginning of Year (e)
1	Expenses incurred preparing filings and				
2	attending conferences and hearings				
3					
4	Minnesota				
5	Docket Nos.				
6	E-002/RP-00-787 (2002 Resource Plan)	20,777		20,777	
7					
8					
9	Mandated Customer Bill Inserts (electric)		84,562	84,562	
10	Mandated Customer Bill Inserts (gas)		733	733	
11					
12	Assessments by the State of Minnesota,				
13	Minnesota Public Service Commission and the				
14	Department of Public Service for rate and				
15	other expenses in accordance with provision	2,443,881		2,443,881	
16	of the 1974 utility regulation law.	438,226		438,226	
17					
18	State of South Dakota Public Utilities				
19	Commission special hearing fund assessment	268,737		268,737	
20					
21	State of North Dakota Public Utilities	3,276		3,276	
22	Commission special hearing fund assessment	1,203		1,203	
23	Minnesota Office of Pipeline Safety				
24					
25	NERC Fees	39,160		39,160	
26	FERC Annual Assessment		29,624	29,624	
27					
28	Expenses of state rate case filings:				
29	Retail electric		3,127,233	3,127,233	
30	Retail gas		457,856	457,856	
31					
32	Various Miscellaneous Regulatory Expenses				
33	Electric		41,400	41,400	
34	Gas		3,236	3,236	
35					
36					
37					
38					
39					
40					
41					
42					
43					
44					
45					
46	TOTAL	3,215,260	3,744,644	6,959,904	

Name of Respondent Northern States Power Company (Minnesota)	This Report Is: (1) <input checked="" type="checkbox"/> An Original (2) <input type="checkbox"/> A Resubmission	Date of Report (Mo, Da, Yr) 04/13/2012	Year/Period of Report End of 2011/Q4
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REGULATORY COMMISSION EXPENSES (Continued)

3. Show in column (k) any expenses incurred in prior years which are being amortized. List in column (a) the period of amortization.
4. List in column (f), (g), and (h) expenses incurred during year which were charged currently to income, plant, or other accounts.
5. Minor items (less than \$25,000) may be grouped.

EXPENSES INCURRED DURING YEAR			AMORTIZED DURING YEAR				Line No.
CURRENTLY CHARGED TO			Deferred to Account 182.3 (i)	Contra Account (j)	Amount (k)	Deferred in Account 182.3 End of Year (l)	
Department (f)	Account No. (g)	Amount (h)					
							1
							2
							3
							4
							5
Electric	E928	20,777					6
							7
							8
Electric	E928	84,562					9
Gas	G928	733					10
							11
							12
							13
							14
Electric	E928	2,443,881					15
Gas	G928	438,226					16
							17
							18
Electric	E928	268,737					19
							20
Electric	E928	3,276					21
Gas	G928	1,203					22
							23
							24
Electric	E928	39,160					25
Electric	E928	29,624		186	29,624		26
							27
							28
Electric	E928	3,127,233		186,253,254	3,127,233		29
Gas	G928	457,856		186	457,856		30
							31
							32
Electric	E928	41,400					33
Gas	G928	3,236					34
							35
							36
							37
							38
							39
							40
							41
							42
							43
							44
		6,959,904			3,614,713		46

Name of Respondent	This Report is:	Date of Report	Year/Period of Report
Northern States Power Company (Minnesota)	(1) <input checked="" type="checkbox"/> An Original (2) <input type="checkbox"/> A Resubmission	(Mo, Da, Yr) 04/13/2012	2011/Q4
FOOTNOTE DATA			

Schedule Page: 350 Line No.: 1 Column: a

	Resource Plan	Mandated customer bill inserts	Minnesota assessment	South Dakota assessment
Total expense	20,777	85,295	2,882,107	268,737
E928	20,777	84,562	2,443,881	268,737
G928		733	438,226	
	<u>20,777</u>	<u>85,295</u>	<u>2,882,107</u>	<u>268,737</u>

Current period transactions 20,777 85,295 2,882,107 268,737

Writeoffs of costs in excess of allowed recovery
Acct No. 186

Amortization of costs allowed in rates
Acct No. 186
Acct No. 253
Acct No. 254

20,777	85,295	2,882,107	268,737
--------	--------	-----------	---------

	North Dakota assessment	NERC fees	FERC Annual (E)	Miscellaneous electric
Total expense	4,479	39,160	29,624	41,400
E928	3,276	39,160	29,624	41,400
G928	1,203			
	<u>4,479</u>	<u>39,160</u>	<u>29,624</u>	<u>41,400</u>

Current period transactions 4,479 39,160 - 41,400

Writeoffs of costs in excess of allowed recovery
Acct No. 186 29,624

Amortization of costs allowed in rates
Acct No. 186
Acct No. 253
Acct No. 254

4,479	39,160	29,624	41,400
-------	--------	--------	--------

	State Rate Cases			
	Miscellaneous gas	Minnesota electric (A)	North Dakota electric (B)	South Dakota electric (C)
Total expense	3,236	2,813,175	260,438	53,620
E928		2,813,175	260,438	53,620
G928	3,236			
	<u>3,236</u>	<u>2,813,175</u>	<u>260,438</u>	<u>53,620</u>

Current period transactions 3,236 -

Writeoffs of costs in excess of allowed recovery
Acct No. 186 1,227,354 98,194

Name of Respondent	This Report is:	Date of Report	Year/Period of Report
Northern States Power Company (Minnesota)	(1) <input checked="" type="checkbox"/> An Original (2) <input type="checkbox"/> A Resubmission	(Mo, Da, Yr) 04/13/2012	2011/Q4
FOOTNOTE DATA			

Amortization of costs allowed in rates			
Acct No. 186	1,423,666	162,244	53,620
Acct No. 253	153,866		
Acct No. 254	8,289		
	3,236	2,813,175	260,438
			53,620

	Minnesota gas (D)		Total
Total expense	457,856		6,959,904
E928			6,058,650
G928	457,856		901,254
	457,856		6,959,904

Current period transactions 3,345,191

Writeoffs of costs in excess of allowed recovery
Acct No. 186 58,606 1,413,778

Amortization of costs allowed in rates			
Acct No. 186	399,250		2,038,780
Acct No. 253			153,866
Acct No. 254			8,289
	457,856		6,959,904

All: Costs in excess of the amount authorized in the proceeding are being expensed immediately after posting.

- A) GR-10-971: 24 month amortization period ending Dec. 31, 2012.
- B) PU-10-657: Amortization period continues until all costs have been expensed or new rates take effect.
- C) EL09-009: 60 month amortization period ending Jan. 17, 2015.
- D) GR-09-1153: 36 month amortization period ending Jan. 10, 2013.
- E) Expenses of the current proceeding are being expensed immediately after posting.

Northern States Power Company, a Minnesota corporation
Electric Utility - Total Company
Schedule H-3 Working Papers for Listed Expense Accounts
Year Ended December 31, 2011
Administrative and General

Line No.	Description	FERC	Amount
1	A&G Duplicate Chrg Crdt	929	<u>\$ (3,720,301)</u>
2	Electricity Used by Company	(3,720,301)	

NORTHERN STATES POWER COMPANY, a Minnesota corporation
Electric Utility - Total Company
Schedule H-3 Working Papers for Listed Expense Accounts
YEAR ENDED 12-31-2011
Administrative and General

Line No.	Description	FERC	Amount
1	Advertising	930.1	<u>\$ 2,558,781</u>
2	Informational Advertising		
3	General Advertising		210,249
4	Brand/Image Advertising		2,348,532

NORTHERN STATES POWER COMPANY, a Minnesota corporation
Electric Operations - State of South Dakota
Schedule H-3 Working Papers for Listed Expense Accounts
YEAR ENDED 12-31-2011
Advertising

<u>INCLUDABLE:</u>	<u>FERC</u>	<u>South Dakota Jurisdiction</u>
1 Informational Advertising		
2 General Advertising	930.1	6,581
3 General - Print/Web		
4 General - Print		
5 General - Web		
6 Customer Programs	909.1	8,643
7 Energy Solutions		
8 Mover Kits		
9 Bill Inserts / Direct mailings		
10 InfoSmart		
11 Billwise		
12 Paysmart		
13 BudgetSmart		
14 Online Information		
15 Safety Advertising	909.1	\$ 72,110
16 Billboards/Inserts		
17 General - Print		
18 General - Web Interactive		
19 Educators - Print/Web Interactive		
20 Contractors - Print/Web Interactive		
21 Emergency Responders - Print/Web Interactive		
22 Conservation Advertising	908 & 909.1	\$ 2,102
23 Web Interactive		
24 Print		
25 Television		
26 TOTAL INCLUSION		\$ 89,436

NORTHERN STATES POWER COMPANY, a Minnesota corporation
Electric Operations - State of South Dakota
Schedule H-3 Working Papers for Listed Expense Accounts
YEAR ENDED 12-31-2011
Advertising

<u>EXCLUDABLE</u>	<u>FERC</u>	<u>South Dakota Jurisdiction</u>
Brand/Image Advertising	930.1	(136,479)
General Advertising	930.1	(2,528)
Conservation & Customer Programs	908; 909.1 & 930.1	(41,674)
Safety Advertising	909.1	(95)
TOTAL EXCLUSION		<u>\$ (180,776)</u>

NORTHERN STATES POWER COMPANY, a Minnesota corporation
Electric Operations - State of South Dakota
Schedule H-3 Working Papers for Listed Expense Accounts
YEAR ENDED 12-31-11
Advertising

TOTAL INFORMATIONAL (GENERAL)

Total to
South Dakota
\$ 6,581

Category: General
Timing: As needed
Market: Local/Nationwide
Media Type: Print/Web

Ad Category: General
Timing: January-December
Market: Sioux Falls
Media Type: Print

Category: General
Timing: Ongoing
Market: Service Territory
Media Type: Web

NORTHERN STATES POWER COMPANY, a Minnesota corporation
Electric Operations - State of South Dakota
Schedule H-3 Working Papers for Listed Expense Accounts
YEAR ENDED 12-31-2011
Advertising

**Total to
South Dakota**

\$ 8,643

TOTAL INFORMATIONAL (CUSTOMER PROGRAMS)

Name: Energy Solutions
Category: Customer Programs
Timing: January - December
Market: Service Territory
Media Type: Print/Web

Name: Mover Kits
Category: Customer Programs
Timing: January - December
Market: Service Territory
Media Type: Print

Name: InfoSmart
Category: Customer Programs
Timing: January - December
Market: Service Territory
Media Type: Print/Web

Name: Billwise
Category: Customer Programs
Timing: January - December
Market: Service Territory
Media Type: Print/Web

Name: PaySmart
Category: Customer Programs
Timing: January - December
Market: Service Territory
Media Type: Print/Web

Name: BudgetSmart
Category: Customer Programs
Timing: January - December
Market: Service Territory
Media Type: Print/Web

Name: Online Information
Category: Customer Programs
Timing: January - December
Market: Service Territory
Media Type: Web

Name: Online Information
Category: Customer Programs
Timing: January - December
Market: Sioux Falls
Media Type: Radio



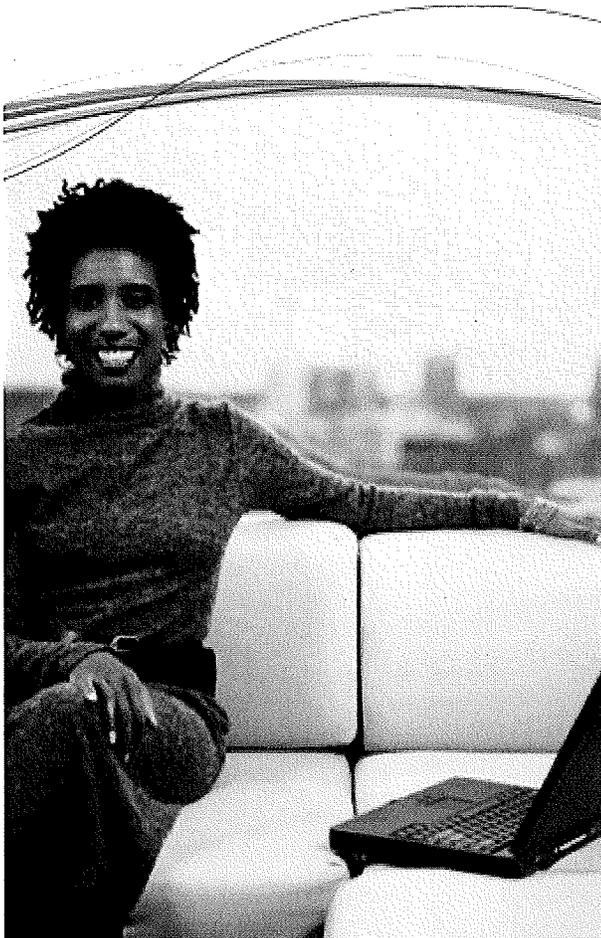
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Information from Xcel Energy



Do More with My Account

Pay your bill. Manage multiple accounts.
Find rebate programs and efficiency tips.
And more.



My Account gives you the freedom to manage your account how you want, when you want.

These days, even bankers don't work bankers' hours. My Account integrates your company's account and energy information online to give you the freedom to manage all your Xcel Energy services any time you have the time and from any place you have online access.

Account Overview

See your latest account billing information at a glance. View multiple accounts from one log in, or set up separate passwords for each account. You can also add delegates by account and adjust their access level online.

Bill Highlights

Get a snapshot of some of the factors that can cause your bill to change. Want more detail? Dig deeper using the information under the Conservation tab.

eBill and eBill Payments*

Check your balance. Pay your bill online or set up automatic payments. Go paperless. You can even sign up to receive e-mail alerts when bills are ready or if a bill is more than an amount you set.

Usage Analysis

Use our helpful tools to see why bill amounts vary. Usage comparisons** show you where your dollars are spent. Discover what measures you can take to reduce usage and save money.

Access to More Services and Information

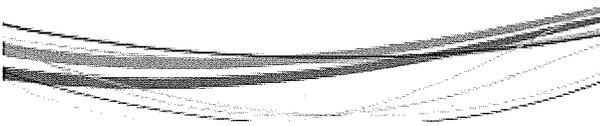
Find links to services, rebate programs and efficiency information that's important to your business.

Sign up for My Account today!

Enrollment is instant and easy, free and secure! Have your account number ready and go to www.xcelenergy.com/MyAccount today.

*For eBill enrollment, accounts with multiple premises must utilize synchronized billing. Gas, Propane customers and customers using EBT can sign up for My Account access, but the eBill option is not available.

** My Account currently does not provide electric consumption data for large business customers.



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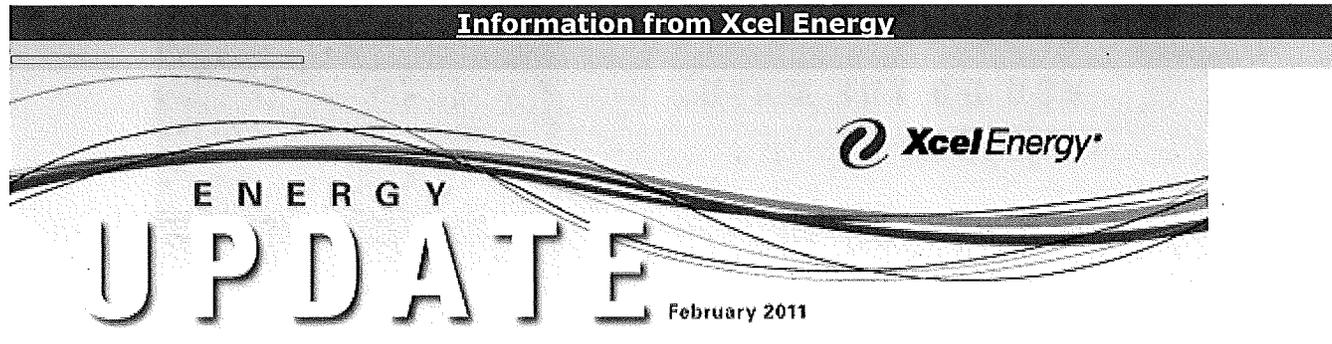


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Information from Xcel Energy



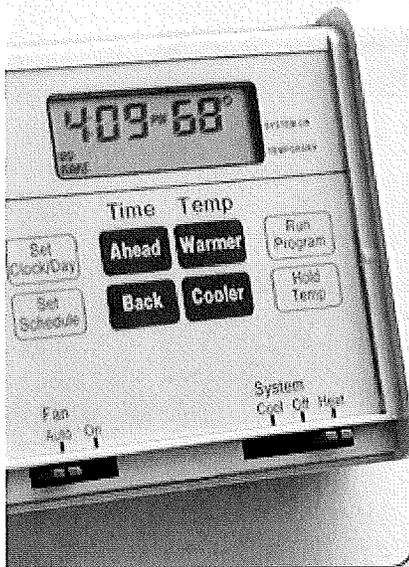
COOLING

Savings Without Sacrifice

Heating and cooling can account for almost 50% of energy use in a typical home. Even small, no-cost changes can help you save energy without compromising warmth.

- Set your thermostat to 68° during the day and a bit lower at night and when you are not home.
- Set your water heater to 120°.
- Open drapes and blinds on south-facing windows to use the sun's warmth.
- Close window coverings at night to retain heat.

This season, don't give up comfort or convenience to get a lower energy bill. Keep reading to find more energy-saving solutions and rebates, and visit us at ResponsibleByNature.com.



ONLINE Resources

INSULATION REBATES UP TO \$300! Installing or upgrading your home's insulation is one of the best investments you can make in lowering your energy bills – **saving up to 25%** of your heating and cooling costs. Plus, we'll give you a rebate of 20% of the total cost (up to \$300) for insulating your attic or walls.

Visit xcelenergy.com/HomeRebates today.

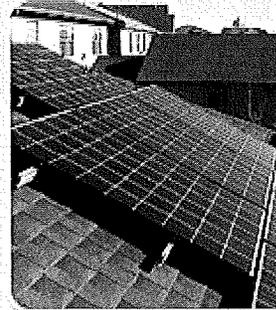
You must use a licensed and bonded contractor. See our website for a complete list of eligibility requirements.



SMALL BILL, SMALL FOOTPRINT. When you install a solar PV system in concert with efficiency measures, you're on the path to lower energy bills and a smaller carbon footprint. Install a PV system through the Minnesota Solar Rewards program and you'll receive a one-time payment \$2.25 per Watt of your PV system. This one-time payment is designed to help offset the cost of the installed system. Additionally, you lower your energy bills by producing some of your own energy and using less of ours.

By adding energy efficiency improvements, you're wasting less of that sun-powered energy, reducing your bill even more.

Find out more. Visit xcelenergy.com/Solar today.



THINK ENERGY EFFICIENCY. According to the International Energy Agency, home energy used to power electronic equipment and appliances – like cell phones, PCs, game centers, and plasma TVs – could triple by 2030 making energy efficiency an even more important aspect to think about in your home.

As you replace your electronics over the years, visit ENERGYSTAR.gov first to find ENERGY STAR® appliances.



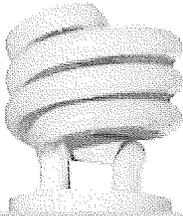
THE MORE YOU KNOW, THE LESS YOU'LL SPEND. My Account gives you the freedom to manage your account how you want, when you want. Check out the **USAGE ANALYSIS** feature, our helpful tool to help you see why bill amounts vary and where your dollars are spent. Armed with more information, you can reduce your energy use.

Enrollment is easy! Grab your account number and go to xcelenergy.com/MyAccount today.



ENERGY UPDATE

February 2011



CAN CFLS REALLY SAVE YOU MONEY? YOU DO THE MATH.

Compact Fluorescent Lights (CFLs) really can make a difference long-term on high energy bills, so you can add up the savings. How?

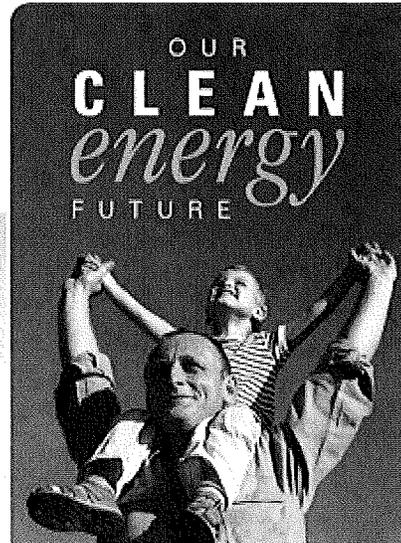
First, CFLs use fewer watts while providing the same amount of as light incandescent light bulbs, **saving up to \$5** per year on your energy bill. Since **CFLs can last up to 10 times longer** than incandescent bulbs – that's a \$50 savings on your energy bills over the life of every bulb you replace!

Next, multiply your savings even more! You can use CFLs almost everywhere you use incandescent bulbs because there are more shapes and sizes than ever. Check out different styles of CFLs – from **flood lights to globes, dimmables to torchlites** – in our online brochure at xcelenergy.com/BulbRecycling.

Plus, just think how much **free time** you'll have on your hands when you're not replacing bulbs.

For more information, or to find a store near you, please visit ResponsibleByNature.com.

The law requires that CFLs, which contain small amounts of mercury, be recycled. Visit www.xcelenergy.com/bulbrecycling to find a recycling facility.



More wind power for you

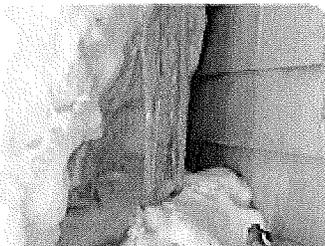
Our newest wind farm, located in southwestern Minnesota's Nobles County, is now producing enough electricity to power about 50,000 homes. The 201-megawatt Nobles Wind Project began operations late last year, with 134 1.5-megawatt wind turbines manufactured by General Electric.

Xcel Energy is the nation's No. 1 wind power provider, with plans to double our portfolio of wind generation by 2015.

For more information, please visit xcelenergy.com/Environment and click on Renewable Energy.

Keep Meters Clear of Ice and Snow

Ice and snow on an outside natural gas meter can cause the meter's regulator to malfunction and disrupt the normal flow of gas into your home – that can be dangerous.

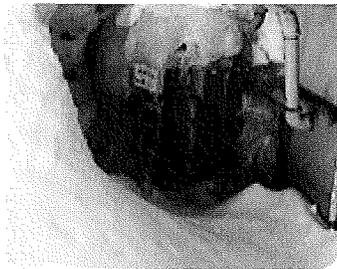


KEEPING THE METER CLEAR

Regularly check for and remove snow or ice that collects on the gas meter. Gentle removal by hand is the best method.

Remove snow and ice from the rooftop area from the meter. Be sure to first look around for overhead power lines and then stay at least 10-feet away.

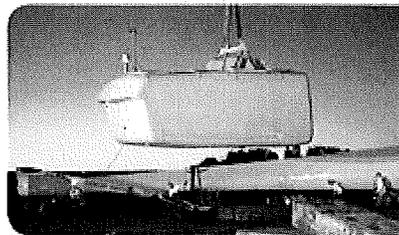
Keep a clear path to the gas meter but avoid using a shovel or snow blower on or near the meter.



IF YOU SMELL GAS

If you ever smell mercaptan, the odorant we add to natural gas, it can signal a natural gas leak. If you smell it, leave your home or the outside area immediately and then call us at **1-800-895-2999** or 911 in an emergency. Don't use anything that can create a spark from turning lights on or off, to using any phone - just get away, and then call for help.

Find more information at xcelenergy.com/Safety.



A huge crane assists the completion of a turbine in the Nobles Wind Project



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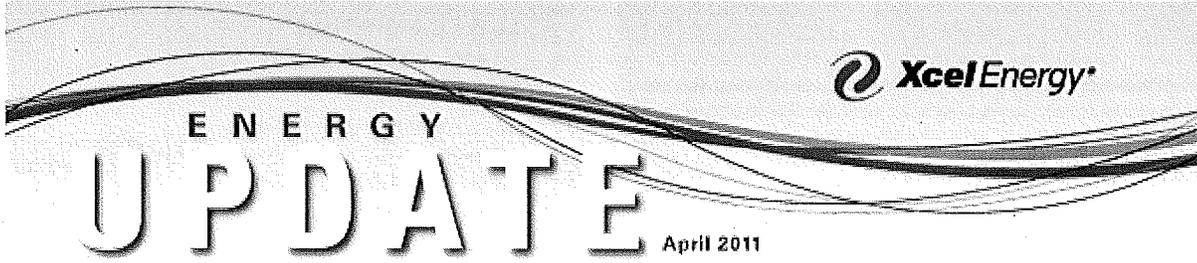


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Information from Xcel Energy



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EARTH DAY ISN'T JUST FOR ENVIRONMENTALISTS. When you go green, you save green. The things you can do to reduce your home's emissions are the same things that can lower your energy bill.

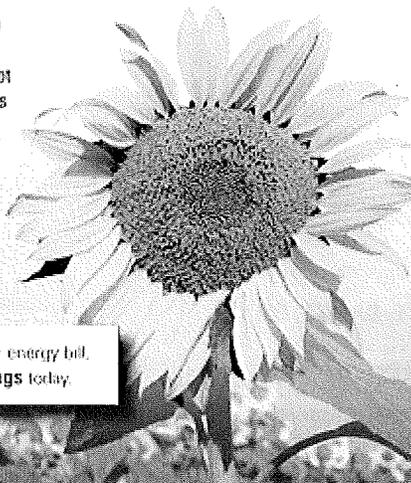
Here are some tips to keep you (in the) green all year.

CHANGE YOUR TUNE. Tune up your HVAC system annually and have a professional inspect your system to keep it running efficiently. And change or clean the filters every month!

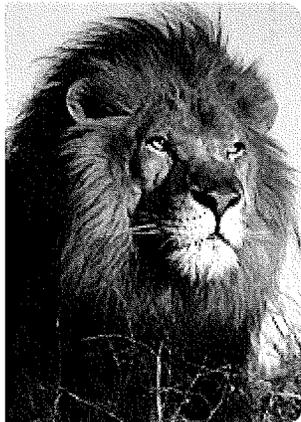
LIGHTEN UP. Change to compact fluorescent light (CFL) bulbs. They cost a little more, but you can save about \$25 over the life of just one bulb.

UNPLUGGED IS THE NEW OFF. Plug electronics, like TVs and VCRs, into power strips and turn off the power strips when not in use. Do the same with kitchen appliances like the toaster and coffeemaker.

GET WITH THE PROGRAMMABLE. For the summer, set your programmable thermostat to 85° when you're out and about, and 78° when you're chilling at home.



For more bright ideas on lowering your energy bill, visit xcelenergy.com/EnergySavings today.



Hey, Party Animals!
 Learn to Conserve

It's all about cats and kilowatts at Como Park Zoo and Conservatory's big-cat-themed **PARTY FOR THE PLANET**, sponsored by Xcel Energy, April 22-24. The event offers fun, creative ways to learn about saving energy, money and the planet and features FREE:

- Educational activities
- Special animal encounters
- Games
- Earth-loving items families can take home
- And more!

Visit www.ComoZooConservatory.org for details.

REBATES

of the Month

How cool people celebrate Earth Day

INSULATION REBATES

Did you know that if your insulation is not sufficient you might be losing up to 25% of your heating or cooling energy? Our insulation rebate program offers our natural gas heating and electric heating customers rebate incentives for installing insulation in their homes -- including insulation for attic, walls, air sealing and weather-stripping.

CENTRAL AC REBATE

Efficient cooling is, well, cool. That's why we designed our Central AC Rebate program so you can get the maximum energy efficiency through proper installation practices. Qualifying residential customers who purchase and install a new, eligible central air conditioner from one of our registered contractors may receive up to \$400 cash back.

Be nice to the earth with more efficient cooling and insulation -- and save month after month. Visit xcelenergy.com/HomeRebates for more rebates.

ENERGY UPDATE

April 2011

Plant a tree for Earth Day!

Planting the right trees in the right place can help them avoid growing into power lines, cool your home in the summer and block chilling winds in the winter. Our FREE 20-page guide, "Plant a Better Future," can help you select, plant and care for the trees on your property. Visit xcelenergy.com for more information.

Be safe. Save energy. Choose a suitable location for your trees.

KNOW WHAT'S BELOW BEFORE YOU DIG

Be safe. Be responsible. You must call 811 before all digging projects.

Call Minnesota's Gopher State One Call at 811 two full business days in advance of digging. For free, they arrange for utilities, like Xcel Energy, to mark underground utility-owned lines using colored flags or paint.



Wait the required time, respect the marks (red for electric and yellow for gas), and dig carefully by hand when you're near the marks.

Visit xcelenergy.com/Safety for additional safety tips.

Know what's below.
 Call before you dig.

BRING NATURE HOME WITH BIRD CAM

From the Bird Cam website, you can follow the lives of five species of birds of prey living in nest boxes at various power plant sites. We've equipped the nest boxes with new video technology for better viewing of our budding avian families, with images from the nests taken every two minutes.

View the rare sight of bald eagles, great horned owls, peregrine falcons, kestrels and osprey laying eggs and raising young, right from your home at <http://BirdCam.xcelenergy.com>.

CELEBRATE EARTH DAY BY JOINING SAVER'S SWITCH

Saver's Switch program is a free program that helps manage electricity used during the summer.

Most participants don't even notice when it's activated. But they do see the difference when they save 15% on their energy bills June through September. You must have central air conditioning to participate. Visit xcelenergy.com/SaversSwitch to learn more.

LOWER EMISSIONS START WITH A HOME ENERGY AUDIT

Did you know that the average American produces more carbon dioxide emissions through their home than their cars*?

Start with a Home Energy Audit to learn how to become more energy efficient. Reducing your home's energy use can result in reducing your home's emissions and creating a long-lasting impact on the environment.

Sign up at 800-895-4999, or visit xcelenergy.com/HomeEnergyAudit for more information.

* U.S. Energy Information Administration

Check Out Our Online Outage Map

Spring storms can bring severe weather and, sometimes, power outages. We know that being without power can be scary. Our crews always do their utmost to restore your power in a timely, safe and efficient manner.

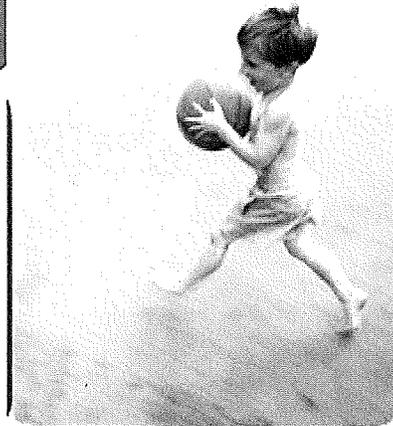
Our online outage map can give you up-to-date outage information, down to a neighborhood level, including the number of homes affected and the estimated restoration time.

ENERGY SAVINGS TIP

Turn off the television,
computer and game station.
Now, go outside and play.

TO STAY UP TO DATE,

Visit xcelenergy.com/Outages and click on "View Outage Map."



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Information from Xcel Energy

Turn your
computer desk into
an energy-bill paying,
use-tracking
command center.



Whether your home's "command center" is a kitchen alcove or the dining room table, My Account can help you clear the clutter and get back to what's important.

Detailed and easy-to-understand online information is just what a busy household needs to save money, increase efficiency or be a little greener.

INFORMATION AT YOUR FINGERTIPS. See your latest account billing information at a glance, and easily track your spending and energy use with online statements and uncomplicated graphs.

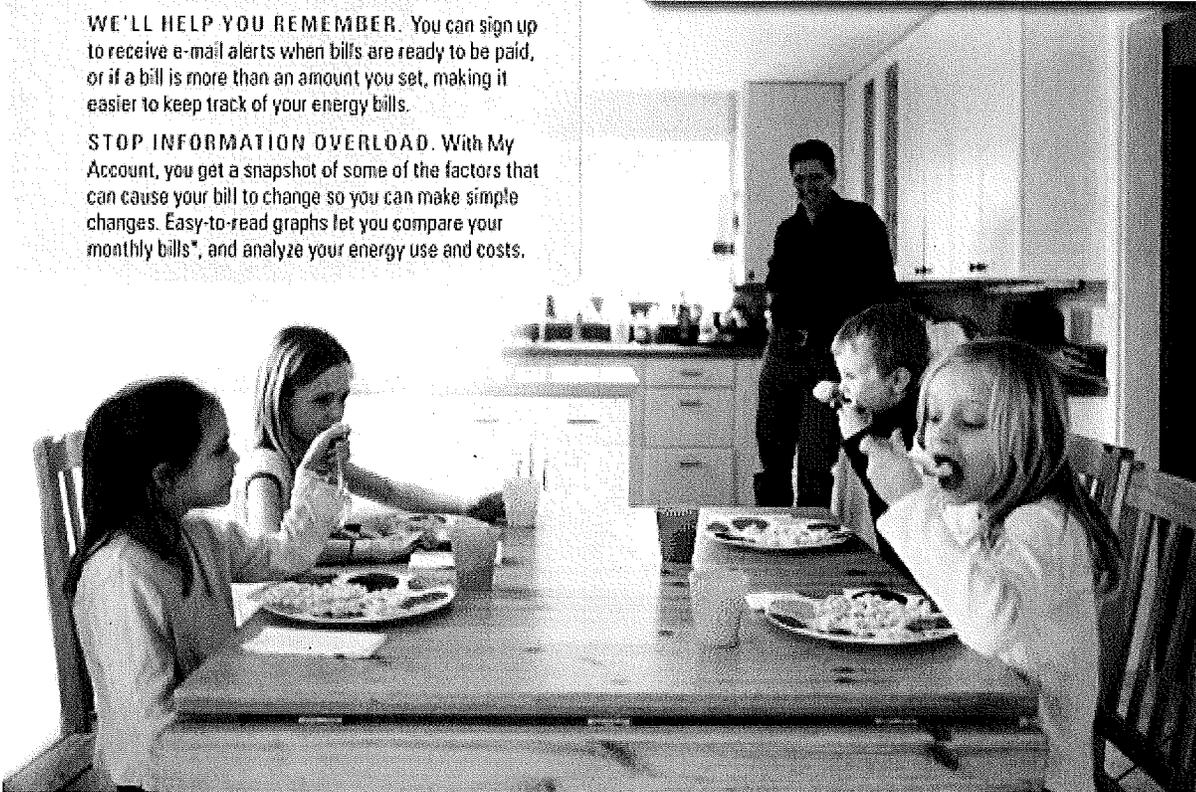
REDUCE THE CLUTTER. Sign up for optional paperless billing and payment. Check your balance, pay your bill online or set up automatic payments.

WE'LL HELP YOU REMEMBER. You can sign up to receive e-mail alerts when bills are ready to be paid, or if a bill is more than an amount you set, making it easier to keep track of your energy bills.

STOP INFORMATION OVERLOAD. With My Account, you get a snapshot of some of the factors that can cause your bill to change so you can make simple changes. Easy-to-read graphs let you compare your monthly bills*, and analyze your energy use and costs.

Get everything you need to manage your home's energy use and costs, from the comfort and convenience of your home or anywhere you have online access.

Sign up for My Account Today!
Enrollment is instant and easy, free and secure! Grab your bill so that you can easily locate your account number and go to www.xcelenergy.com/MyAccount today.
*We'll create online billing statements beginning in the month you enroll and make them available online for up to 24 months.



**With My Account
you have the freedom to
manage your account
and your bill the way you
want and when you want.**

Visit

www.xcelenergy.com/MyAccount

to sign up for online
account access today!



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- Minnesota, Southern Public Service Company
- Wisconsin, Public Service Company
- Colorado, Southwestern Public Service Company
11-03-410 | 00079000 | 3/11

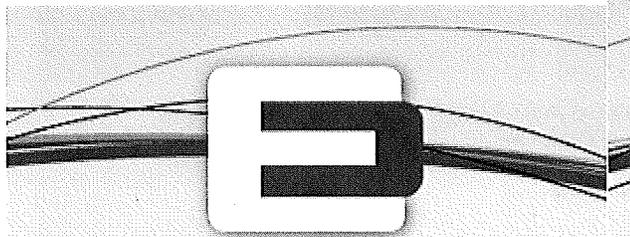


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Energy Inc. | Northern States Power Company
- Wisconsin, Public Service Company of
any Xcel Energy Companies.



RESPONSIBLE BY NATURE™

Information from Xcel Energy



ENERGY UPDATE

JUNE 2011 – MINNESOTA

Investing a little time and money in home efficiency today is one way to save big when the heat is on. Which brings us to the question – how can you save energy in your house?

The number of ways in which you can save depends on your budget, your home's condition and how much you understand how to solve energy wasting issues at home. At Xcel Energy, we're adding new features, creating more options and giving you choices on how to invest your time and money in home efficiency that can yield returns.

IN THIS ISSUE

- REBATE OF THE MONTH:** Central AC Rebate
- EFFICIENCY CHECKLIST:** Low-cost, no-cost ways to beat the heat
- SAFETY:** Pipeline markers

ONLINE TOOLS: The new XCELENERGY.COM



\$ REBATES OF THE MONTH

**Invest in high efficiency and proper installation
GET BACK \$400**

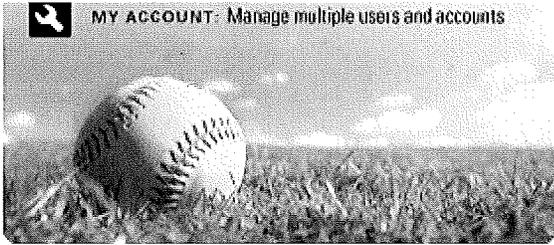
We designed our **Central AC Rebate** program so you can get the maximum energy savings through proper installation practices. Qualifying residential customers who purchase and install a new, eligible central air conditioner from one of our registered contractors may receive **up to \$400 cash back**.

Be cool and stay cool this summer with high efficiency cooling. Visit ResponsibleByNature.com for more information.

Convert your fridge into cold cash
It's one the best investments you can make

When you recycle your secondary old, working refrigerator you can pocket \$35 right away by having us haul it way.

Plus, you'll get a long-term return by saving **nearly \$100 a year** on your energy bill.



You must be a residential Xcel Energy electric customer with a valid account living in Minnesota and own the refrigerator. Save more money on your energy bill now; schedule an appointment to have your refrigerator picked up, call 866-552-8755 or visit www.arcincutility.com.



*Additional restrictions apply

ENERGY UPDATE

SAFETY: PIPELINE MARKERS

Your Role in Pipeline Safety

Natural gas pipeline markers are the distinctive posts often seen by roads and railroad crossings, as well as across open land. These markers point to our buried pipeline that stretches across six Minnesota counties.

WHAT THE MARKERS TELL YOU

All pipeline markers identify the product carried in the pipeline, the pipeline company, and the pipeline company's 24-hour emergency contact number. The markers, however, don't indicate the depth or size of the pipeline and never its direct buried path between markers.

PIPELINE SAFETY AND RELIABILITY

Remember to always call 8-1-1 before digging anywhere, even when markers are present. If something doesn't seem right around the markers, call the emergency number on the marker and let the pipeline company know of your concerns.

SAFETY AND RELIABILITY ARE OUR PRIORITY

While we adhere to strict federal and state requirements to ensure the safe, reliable and efficient delivery of natural gas to our 438,000 Minnesota customers, remember that you play a significant role in helping everyone remain safe around natural gas pipelines.

ONLINE TOOLS

THE NEW XCELENERGY.COM

Check out our cool new website!

Designed with you in mind, we've completely remodeled our website, xcelenergy.com. Now, it's easier than ever to get loads of valuable information. At the site you'll experience:

- A robust search function that makes finding rebate information easier.
- Navigation designed to help you accomplish your tasks quickly, whether you're looking to pay your bill, find a rebate or transfer your service.
- A wide view of energy-saving programs under each drop-down list that lets you see more options in one click.

Check out xcelenergy.com today and find a faster, fresher way to access energy and money saving information.





JUNE 2011 - MINNESOTA

EFFICIENCY CHECKLIST

**Popsicles, pools and ceiling fans
 HOW WILL YOU BEAT THE HEAT?**

There are all kinds of ways to beat the heat and some of the simplest things will keep your home pleasantly cool for summer fun. What's more, most cost little to nothing while helping you save on your energy bills:

- Use ceiling fans to keep the air moving and allow you to keep the thermostat set higher—moving air feels cooler!
- Close your shades or drapes during the day to keep the sun from heating up your home's interior.
- Open windows on cool nights to give your air conditioner a break.
- Keep the coils of your central air conditioner or window air conditioner unit free of dust and dirt to increase efficiency and extend the life of the equipment.
- Install a programmable thermostat and set it to 85° degrees when you're out. You can program it to come down to 78° degrees right before you arrive home.

▶ LEARN ALL THE WAYS IN WHICH YOU CAN STAY COOL THIS SUMMER.

Learn more energy-saving tips. Visit ResponsibleByNature.com today.

MY ACCOUNT



**Take command of your home office
 NEW FEATURES TO GIVE YOU MORE CONTROL**

We've added two features to our online account management tool, **My Account** and **eBill billing and payments**, that can make it easier for you to share account management.

First, with **delegate options** you can grant others access to your individual accounts. You decide each delegate's individual access level, which may differ for your spouse and your accountant, for example. Go online to quickly decrease or increase access as needed.

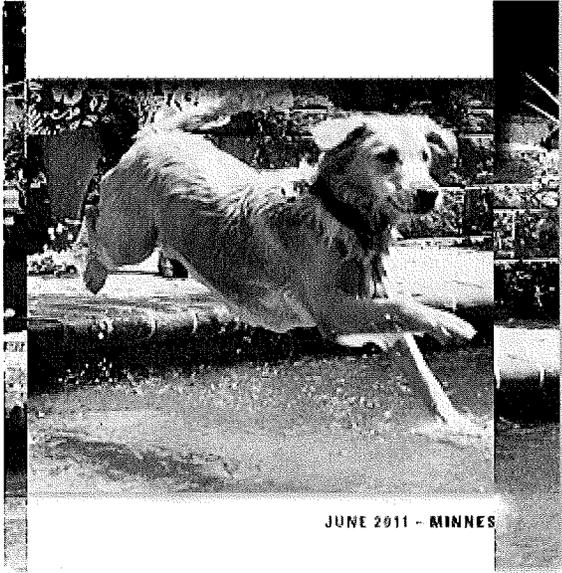
You can also be added as a delegate to the account of someone who may need extra help remembering to pay their bill, such as an older relative or a college student.

Additionally, if you have **multiple accounts**, you can create one log-in to make it easier for you to view your latest billing information for all of your accounts on one page.

Enrollment is instant, free and, of course, secure. To sign up, just have your account numbers ready and go to xcelenergy.com/MyAccount.

1. Once you complete the secure registration process, log back on to My Account
2. Click on the "Current Bill" tab
3. Then follow the simple prompts to add eBill

If you want help signing up, just call us at 1-866-235-6881. Or contact us by email at CustomerService@xcelenergy.com.



JUNE 2011 - MINNESOTA

NOTA



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Innovator of the Year by Entrepreneur Magazine
and Best Energy Company by Xcel Energy Company

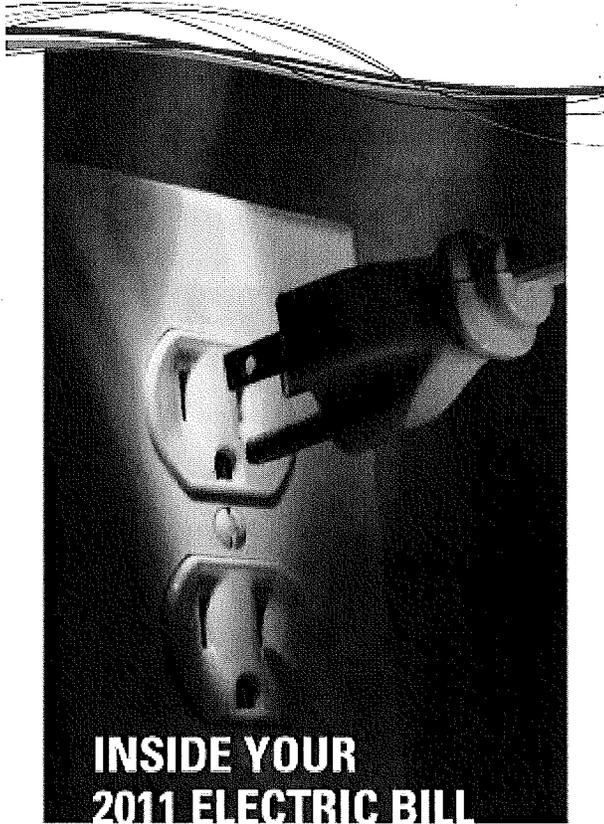


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Information from Xcel Energy



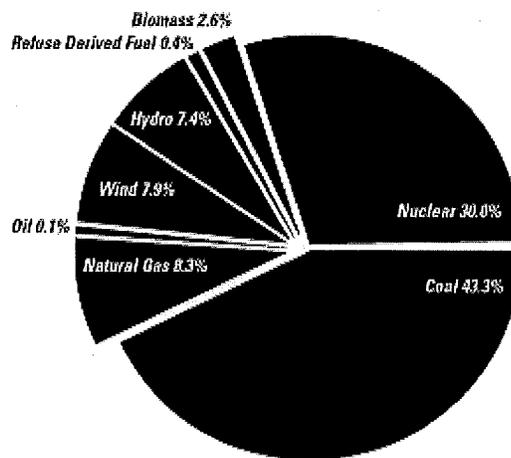
- FUEL SOURCES
- AIR EMISSIONS
- UNBUNDLING YOUR BILL

Use electricity wisely to help the environment

Fuels used to generate electricity have different costs and air emissions. You can help the environment by using electricity efficiently. This brochure provides information about different fuel sources and costs.

How your electricity needs are met

Xcel Energy Fuel Sources – Upper Midwest for the year ending December 31, 2010.



Customer participation over the past 10 years in Xcel Energy's energy conservation programs reduced our need to generate more than 7.9 billion kWh of electricity by 2010. That's enough electricity to power approximately 357,000 households each year or avoid the need to build over 9 medium-sized power plants, which is an approximate reduction in air emissions of:

Carbon dioxide (CO ₂)	1,603,606 tons
Sulfur dioxide (SO ₂)	2,472 tons
Nitrogen oxides (NO _x)	1,991 tons
Particulate matter (PM)	105 tons
Mercury (Hg)	0.034 tons

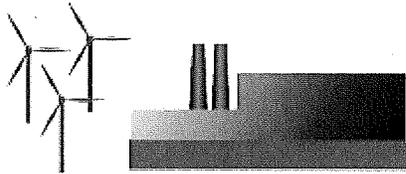
What does it cost to produce your electricity?

The Minnesota Public Utilities Commission requires electric utilities to provide customers with information on service costs related to the generation, transmission and distribution of electricity.

ELECTRIC SYSTEM COMPONENTS

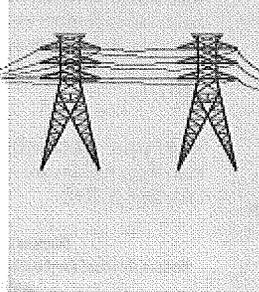
Generation

Utilities produce electricity at power plants. Utilities also purchase electricity from other utilities or power suppliers.



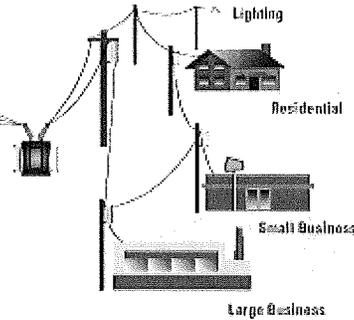
Transmission

High-voltage electricity travels from power plants along transmission lines to distribution substations.



Distribution

At distribution substations, the voltage is reduced and low-voltage electricity is delivered to customers.



2010 component costs by customer category

Your monthly bill also displays the average percentages for your specific customer category. Individual monthly percentages may vary from the average.

	Residential	Small Commercial/ Business	Larger Commercial/ Industrial	Other
Generation	55%	72%	83%	36%
Transmission	9%	10%	9%	5%
Distribution	36%	18%	8%	59%
Total	100%	100%	100%	100%

Average percentages are calculated by identifying the cost to provide electric generation, transmission and distribution services to each customer class, then dividing the amounts by the total cost.

**2010 air emissions by fuel type
 (pounds per thousand kWh)**

	Carbon Dioxide	Sulfur Dioxide	Nitrogen Oxides	Particulate Matter	Mercury
Coal	1751	3.1	2.3	0.19	0.000033
Natural Gas	720	0.4	1.7	0.05	0.000000
Oil	1466	4.8	25.6	0.28	0.000009
Refuse-Derived Fuel	1870	2.0	5.2	0.46	0.000038
Biomass	2039	1.2	3.0	1.27	0.000063

How do air emissions affect the environment?

Carbon dioxide (CO₂) is the principal greenhouse gas linked to global warming.

Nitrogen oxides (NOx) and sulfur dioxide (SO₂) contribute to acid rain; NOx also contributes to smog.

Particulate matter (sometimes called soot) contributes to asthma attacks and other respiratory illnesses.

Reduce your monthly bills by saving energy

Improving energy efficiency in your home will help save you money and protect the environment. It's easy to do and you don't need to sacrifice comfort to make an impact. Energy tips that can help save you money and reduce your impact on the environment can be found at ResponsibleByNature.com

For residential customers

If you have any questions or would like to participate in any of our energy conservation programs, call our Customer Contact Center at **1-800-895-4999** or visit the Save Money & Energy section of our web site at xcelenergy.com

For business customers

Want to increase your company's energy efficiency, reduce operating costs and improve your bottom line? No matter what size business you own or manage, Xcel Energy offers opportunities to help you save money and energy.

If you have questions about energy conservation rebates and programs, or energy-saving ideas, contact your Xcel Energy account manager or our Business Solution Center at **1-800-481-4700**.

Choose clean renewable energy

Windsor[®] provides customers a choice to support clean renewable wind energy generated from Minnesota wind farms. An average residential customer with 100% Windsor pays about \$10 more per month. For more information on the Windsor program, please visit xcelenergy.com/windsor or call **1-800-895-4999** to sign up for Windsor.

Want more information?

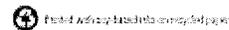
Contact Xcel Energy at **1-800-328-8226**, or visit our Web site at xcelenergy.com to find out more about air emissions, or our energy-saving programs.

Contact the Minnesota Pollution Control Agency at www.pca.state.mn.us/programs/electricity.html, or call **651-297-2274** or **1-800-546-6247** for additional information about air emissions.

Contact the Minnesota Department of Commerce at www.energy.mn.gov, or call **651-296-5175** or **1-800-657-3710** for more ideas on saving energy.



1-800-481-4700
xcelenergy.com



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RESPONSIBLE BY NATURE™

Information from Xcel Energy



**NEED HELP
 PAYING ENERGY BILLS OR
 WEATHERIZING YOUR HOME?**

If you need assistance paying your energy bills or with weatherizing your home or apartment, there are resources available that can help. The following list of community assistance programs has been updated for your convenience.

You can also contact the Minnesota State Energy Assistance office (800-657-3710) to find additional local assistance.

The numbers below are current as of August 2011. Please consult your local phone directory if you encounter a problem with any of these numbers.

Counties	Energy Assistance Agency & Weatherization	Emergency Assistance
Anoka	Community Action Program - 763-783-4712 *	763-422-7200
Benton	TPICAP - 320-251-1612*	320-968-5087
Blue Earth	Minnesota Valley Action Council - 507-345-2433 Weatherization - 800-767-7139 ext.2434	507-304-4335
Brown	Minnesota Valley Action Council - 507-345-2433 Weatherization - 800-767-7139 ext.2434	800-450-8246
Carver	Scott-Carver-Dakota Community Action Agency - 952-486-2125*	952-361-1600
Cass	Bi-County Community Action Program - 218-751-4031 *	218-547-1340
Chippewa	Prairie V Community Action Council - 320-269-6570 Weatherization - 888-292-5437	320-269-6401
Chisago	Lakes and Pines Community Action Council - 320-679-1000*	651-213-8840

* Indicates that the weatherization assistance number is the same as the energy assistance number

Counties	Energy Assistance Agency & Weatherization	Emergency Assistance
Clay	West Central Minnesota Community Action Inc - 218-885-4488*	218-289-5200
Crow Wing	Lutheran Social Services - 218-829-5000*	218-824-1250
Dakota	Scott Carver-Dakota Community Action Agency - 952-498-2125*	651-554-5611
Dodge	SEM/CAC, Inc - 507-864-7515*	507-635-6170
Douglas	West Central Minnesota Community Action Inc - 218-685-4488*	320-767-2302
Faribault	Minnesota Valley Action Council - 507-345-2433 Weatherization - 800-767-7139 ext. 2434	507-526-3265
Freeborn	SEM/CAC, Inc - 507-864-7515 Weatherization - 800-944-3208	507-377-5400
Goodhue	Three Rivers Comm. Action Inc - 507-332-7391*	651-305-3200
Hennepin	Community Action Minneapolis - 612-335-5837 Weatherization - 612-872-3294	612-348-7984
Houston	SEM/CAC, Inc - 507-864-7515 Weatherization - 800-944-3209	507-724-501
Isanti	Lakes and Pines Community Action Council - 320-679-1899*	763-689-1711
Kandiyohi	Heartland Community Action Agency - 320-235-0850*	320-231-6232
Lac Qui Parle	Prairie V Community Action Council - 320-269-6578 Weatherization - 888-292-5438	320-598-7594
LeSueur	Minnesota Valley Action Council - 507-345-2433 Weatherization - 800-767-7139 ext. 2434	507-357-2251, Ext. 288
Lincoln	Western Community Action - 507-537-1416*	507-684-1452
Lyon	Western Community Action - 507-537-1416*	507-637-6747
McLeod	Heartland Community Action Agency - 320-235-0850 Weatherization 800-892-1710	320-864-3144
Meeker	Heartland Community Action Agency - 320-235-0850* Weatherization 800-892-1710	320-693-5390
Morrison	TRICAP - 320-251-1612*	320-632-2951
Mower	SEM/CAC, Inc - 507-864-7515 Weatherization - 800-944-3210	507-437-9701
Murray	SW MN Opportunity Council - 507-376-4195*	507-836-6144

Counties	Energy Assistance Agency & Weatherization	Emergency Assistance
Nicollet	Minnesota Valley Action Council - 507-345-2433 Weatherization - 800-767-7139 ext. 2434	507-931-6800
Norman	Tri-Valley Opportunity Council - 218-281-9000 Weatherization - 800-584-7920	218-784-5400
Olmsted	Olmsted Community Services - 507-328-6500*	507-328-6400
Pipestone	SW MN Opportunity Council - 507-376-4195*	507-825-6720
Polk	Tri-Valley Opportunity Council - 218-281-9000 Weatherization - 800-584-7920	218-281-3127
Pope	West Central Minnesota Community Action Inc - 218-685-4488*	320-767-2302
Ramsey	Community Action Partnership of Ramsey & Washington County - 651-645-8470*	651-268-4444
Redwood	Western Community Action - 507-637-2187	507-637-4050
Renville	Renville County Energy Assistance - 320-523-2202*	320-523-2202
Rice	Three Rivers Community Action Inc - 507-332-6450 Weatherization - 507-332-7391	507-332-6115
Rock	SW MN Opportunity Council - 507-376-4195*	507-283-5070
Scott	Scott Carver-Dakota Community Action Agency - 952-498-2125*	952-445-7751
Sherburne	TRICAP - 320-251-1612*	763-241-2600
Sibley	Minnesota Valley Action Council - 507-345-2433 Weatherization - 507-345-6827	507-237-4000
Stearns	TRICAP - 320-251-1612*	320-656-6000
Steele	SEM/CAC, Inc - 507-864-7515 Weatherization - 800-944-3211	507-444-7500
Todd	Todd County Social Services - 320-732-4500	888-838-4066
Wabasha	Minnesota Valley Action Council - 507-345-2433 Weatherization 800-767-7139 ext. 2434	651-565-3351
Waseca	Minnesota Valley Action Council - 507-345-2433 Weatherization 800-767-7139 ext. 2434	507-835-0560
Washington	Community Action Partnership of Ramsey & Washington County 651-645-8470*	651-430-6459

* Indicates that the weatherization assistance number is the same as the energy assistance number

Counties	Energy Assistance Agency & Weatherization	Emergency Assistance
Watonwan	Minnesota Valley Action Council / Mankato - 507-345-6022	507-375-3294
Wakon	West Central Minnesota Community Action Inc - 218-685-4488*	218-643-7161
Winona	SEM/CAC, Inc - 507-864-7515	507-457-6200



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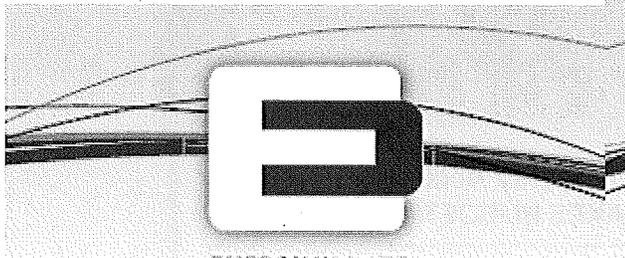
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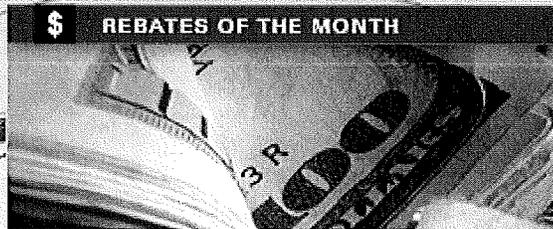
ENERGY UPDATE

NOVEMBER 2011 – MINNESOTA

You've heard the adage you have to spend money to make money. When it comes to energy efficiency, our adage is – *you have to spend time to save money.* And by "spend time," we mean the amount of time it takes to hang a picture, screw in a light bulb or drink a mug of hot chocolate. Even for efficiency measures that only save a few cents a day, that's a pretty good return on investment over time.

IN THIS ISSUE

- REBATES OF THE MONTH:** Insulation, water heaters and furnaces
- SAFETY:** Prevent CO poisoning
- MY ACCOUNT:** Save time with online account management
- EFFICIENCY CHECKLIST:** Save energy in a snap
- ONLINE INFORMATION:** LEDs are the bulbs for you



\$ REBATES OF THE MONTH

Want to make a difference in your heating bills this winter?

Heating and cooling your home typically accounts for 50% of your energy bills. Make a dent in your bills by replacing your insulation, water heater and furnace.

- Natural gas customers can now **receive up to \$300** when they replace insulation in their homes – including **insulation** for attic, wall, air sealing and weather-stripping.
- Don't forget your **water heater** – water heating in the home is typically the second largest energy consumer after heating and cooling. Our customers can **receive up to \$200** with a natural gas standard water heater.
- Even better, your late model furnace could fetch you some current model cash. Earn **rebates as high as \$250** with the installation of a new, **high-efficiency furnace**.

With these investments, you'll notice a sizable savings on your energy bills throughout the lifetime of your equipment.

▶ Visit xcelenergy.com and look under "Save Money & Energy" for more rebate information.



ENERGY UPDATE



Carbon Monoxide Safety SWEET, SAFE DREAMS

Before you snuggle into a warm bed on a cold night, stop and ask yourself... do you have working carbon monoxide detectors in your home?

Carbon monoxide (CO) poisoning is almost always preventable. Yet each year hundreds* of carbon monoxide-related tragedies occur in the United States.

Carbon monoxide is a toxic gas that's very difficult to detect because it has no odor, color or taste. However, avoiding the danger is easier than you might think.

- Install carbon monoxide detectors on each level of your home with sleeping areas. It's as simple as hanging a picture.
- Every year, hire a qualified professional to inspect your fuel-burning appliances and and their vents.
- In the fall and winter months, take a few minutes to ensure that your home's vents are unobstructed. Plus, make sure fuel-burning appliances such as heaters and fireplaces are maintained and operating correctly.

Carbon monoxide poisoning can occur any time. If you suspect you or your family are suffering from CO poisoning, leave immediately and seek medical attention.

*According to the Centers for Disease Control

For more information, call
1-800-895-4999 or visit
xcelenergy.com/safety today.



My Account MAKES BUDGETING EASIER

In about the time it takes to open your energy bill and write a check, you can sign up for **My Account** and **eBill** – our online account management tool that offers lots of features. Here are two features that can help you take the guesswork out of budgeting for your monthly energy expenses:

AutoPay – We automatically withdraw your energy payments from your bank account each month on your bill's due date.

Averaged Monthly Payment - Avoid seasonal cost spikes. We calculate your costs based on last year's bills and spread them out over the next 12 months.

Additionally, you can select a **custom payment date** and easily **modify or delete scheduled payments**.

To sign up, just have your account numbers ready and go to **MyAccount.xcelenergy.com** today.

Our other payment options are:

***Credit/Debit Card Payment:** Use a major credit or debit card to pay online or by phone.*

***Pay by Phone:** Call 1-800-895-4999 and follow the prompts to make a one-time payment from your checking or savings account.*

***Pay Stations:** Visit xcelenergy.com for a list of locations. A third-party convenience fee applies.*

Sign up for any of our convenient payment options by calling 1-800-895-4999 anytime.

NOVEMBER 2011 - MINNESOTA



EFFICIENCY CHECKLIST

Five Minutes to a More Energy-Efficient Home

Then take a little time out of your day to save energy all season long. Just follow these easy tips:

- Set your programmable thermostat so your furnace warms the house only when you're home to enjoy it. And program it to lower the temperature when you're away or sleeping.
- Mark your calendar with a reminder to change furnace filters once a month. And then do it.
- When you're down in the basement changing your furnace filter, make sure your water heater is set to 120° – as hot as you need it, but energy-efficient, too.

There you go. By taking just a little time, you've taken steps toward making your home more energy efficient.

So take a break. Have some hot chocolate. And if you find a spare moment tomorrow, there are lots of simple things you can do to save energy and money all over your house. Visit ResponsibleByNature.com and spend a few minutes online. It's a lot better than spending too much money.

Visit ResponsibleByNature.com today and find more energy and money saving tips.



NOVEMBER 2011 - MINNESOTA



PROGRAM INFORMATION

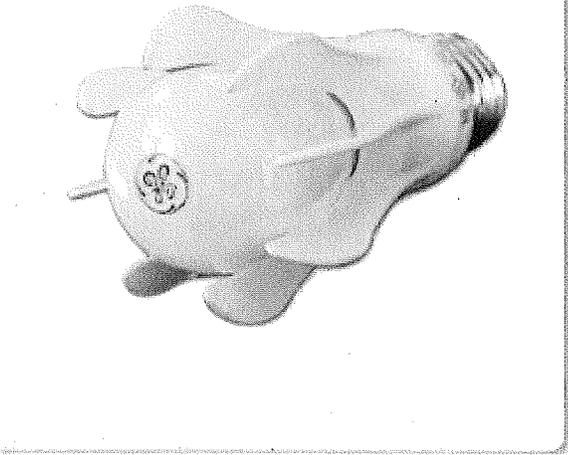
LEDs and You WE'VE FOUND YOUR MATCH

LEDs have everything you're looking for in a bulb. They're smarter, better and last longer. Want even more? Xcel Energy is now offering new discounts on LEDs. These discounts include a \$10 instant rebate on selected LEDs at participating retailers.

Here's why LEDs are so cool:

- They are the most energy-efficient bulb on the market
- They last up to 25 years
- LEDs contain no mercury

Take an LED home with you today! Visit ResponsibleByNature.com today to find them.



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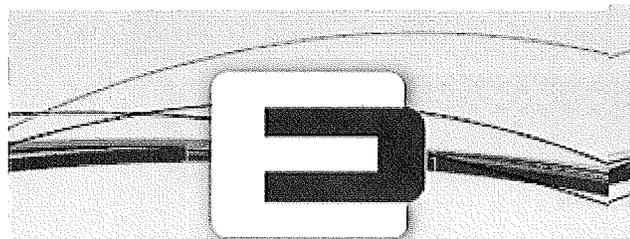






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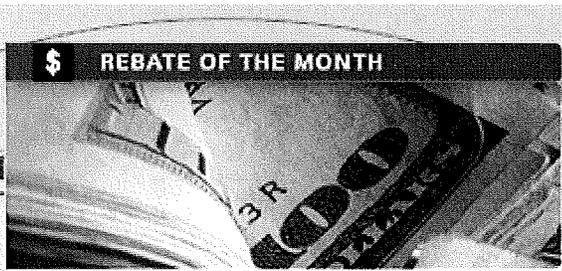


ENERGY UPDATE
DECEMBER 2011 - MINNESOTA

Switch off. Unplug. Wrap up. Recycle.

Small steps in our everyday lives can make a big impact – in our energy bills and in the environment. And the more changes each of us makes, the bigger the impact. Visit

ResponsibleByNature.com/energy_smart



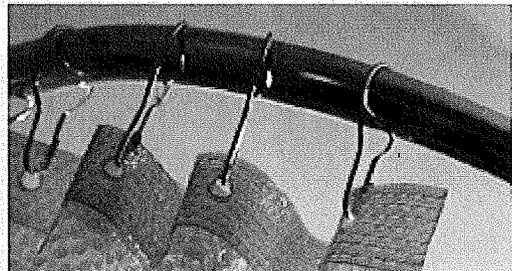
\$ REBATE OF THE MONTH

Get a New Energy-Efficient Water Heater AND SAVE EVERY DAY

You probably get into a little hot water every day. Most of us do, which is why water heating is typically the second largest energy consumer in the home after heating and cooling.

A new energy-efficient natural gas water heater can help you save energy and, in turn, save money. Our water heater rebate program is designed to help offset the initial cost of an energy efficient water heater, and you'll notice a sizable savings on your energy bills throughout the lifetime of your equipment.

If you're an Xcel Energy natural gas customer in Minnesota, you can receive up to **\$400 cash back** with the purchase and installation of a new, high-efficiency water heater.



to find free and inexpensive ways
you can save every day.

IN THIS ISSUE

REBATE OF THE MONTH:
Water heater rebates

EFFICIENCY CHECKLIST:
Save energy every day

SAFETY: Stay 10 feet away
from power lines

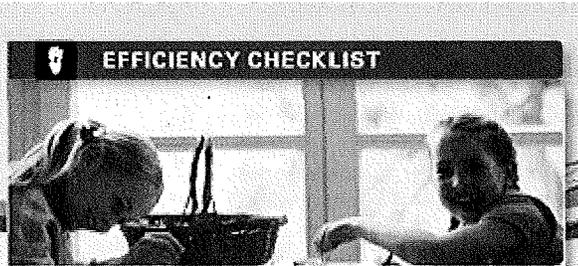
MY ACCOUNT: Do more
with online account management

PROGRAMS:
Recycle your old fridge

ONLINE TOOLS: How much
is that appliance costing you?

Visit xcelenergy.com and look for
our rebates under heating and cooling.
Or call 1-800-895-4999.

ENERGY UPDATE



EFFICIENCY CHECKLIST

Everyday Tips to
Help You Save Every Day

- Keep your home toasty only when you're home to enjoy it by **installing a programmable thermostat**. Then program it to automatically lower the temperature when you're away or cuddled under a comforter.
- Do you see the dishwasher as half-full or half-empty? Either way, you're wasting energy and money if you run it like that. **Make sure your dishwasher is full** before you run it.
- Wrap your home in a warm blanket. **Weatherizing and insulating** can help you save on heating costs—up to 20% for older homes. The easiest and most cost-effective place to add insulation is in the attic.
- Make sure your dryer is **still warm from the first load** when you add a second. It minimizes the amount of energy needed to dry your clothes.
- Oh, and on **sunny days, open up the drapes** and let the sunshine warm things up. That's called **passive solar**. But we like solar energy any way we can get it.

SAFETY

Holiday and power line safety STAY 10 FEET AWAY

If you hang holiday lights, rake snow off of your roof or perform other "overhead" chores this season, remember: **be very careful and stay at least 10 feet away from overhead power lines.**

- Don't carry a ladder or long-handled tool upright; you could accidentally touch a power line.
- Before you get on to the roof, first look up to locate power lines and then stay at least 10 feet away.
- If you toss a string of lights or garland over a roof or tree limb, first be sure it won't hit or come close to a power line.
- If you use a pole to hang ornaments or lights in a tree, stay away from power lines by at least 10 feet plus the length of the pole.

Extra tips for decorative lights:

- Follow package guidelines, including the number of light sets you can safely use on a single extension cord.
- Throw away lights with cracked sockets, frayed insulation and bare wires.
- Cords placed under rugs may overheat and cause a fire.
- Unplug decorative lights when you're away or asleep.

Read more safety tips at xcelenergy.com/Safety today.

Visit xcelenergy.com to see more efficiency tips and learn about our rebates.

DECEMBER 2011 - MINNESOTA

PROGRAM INFORMATION

Recycle the old, and bring in the cash

As we cast away that old refrigerator full of memories, dry your tears with **\$35 cash** for holiday shopping!

Start making strides for savings in the New Year and for the environment by recycling your old, working refrigerator! You'll **save nearly \$100 a year** on your energy bill, plus we'll pay you \$35 to let us haul it away.

You need to be a residential electric customer with a valid account and own the refrigerator. To schedule an appointment for pick-up, call 1-800-599-5795 or visit ResponsibleByNature.com/Fridge.

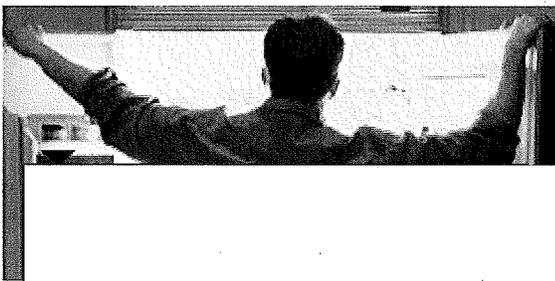
 **ONLINE TOOLS**

Energy-Savings Appliance Calculators

Check out our online **Home Appliance Calculators** at xcelenergy.com

under Energy Saving Tips. We have calculators for dozens of large and small appliances from dishwashers to garage door openers.

Each calculator estimates how much it costs per day to run the appliance in your home. Enter information on a single appliance, an appliance category, or all of the appliances in your home. You'll discover whether buying something more efficient can save you money in the long run and, if so, how much you'll save.



DECEMBER 2011 - MINNESOTA

MY ACCOUNT



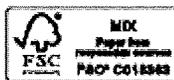
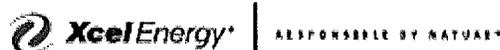
My Account

DO MORE WITH YOUR ONLINE ACCOUNT

If you want more information, more time and more control, we've got the **online account management tools** you need – My Account and eBill. With it, you get:

- **Paperless billing and payments**, so you can stop wasting time writing checks, mailing payments and filing bills.
- **Email reminders** that your statement is ready to view online and when your payment is due. We'll even notify you if your bill is over a limit that you set.
- Information on **where your energy dollars are going**. Usage analysis and comparison tools quickly show you why bill amounts vary and where your dollars are spent.
- Your **latest account billing information** at a glance.

Just grab your account number and go to xcelenergy.com/MyAccount to enroll.



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Information from Xcel Energy



Live green.
Simplify your life.

SIGN UP FOR MY ACCOUNT.



With **My Account** you have the freedom to manage your account and your bill the way you want and when you want.

If you've resolved to be kinder to the Earth, and want your account management to reflect your commitment, My Account makes it easy.

Get green now

You can sign up for paperless billing and payments and be greener right away. Plus, you can get

- E-mail reminders when your statement is available to view online and when your payment is due. We'll even notify you if your bill is over a limit that you set.
- Easy tracking of your spending and energy use with online statements and uncomplicated graphs.
- An environmentally friendly choice for reducing your impact on the earth.

Stay green

Use the online energy audit tool at My Account to compare your energy use to others and discover how to reduce your use over time, whether you're looking to save money, increase efficiency or help the environment.

So Much More Than Online Billing

My Account provides lots of tools. Use the ones that make sense for how you want to manage your account and your energy use.

- **ACCOUNT OVERVIEW** – See your latest account billing information at a glance.
- **BILL HIGHLIGHTS** – Get a snapshot of some of the factors that can cause your bill to change.
- **USAGE ANALYSIS** – Use our helpful tools to see why bill amounts vary. Usage comparisons show you where your dollars are spent.
- **ACCESS TO MORE SERVICES AND INFORMATION** – Find links to services, rebate programs and efficiency tips that are important to you.

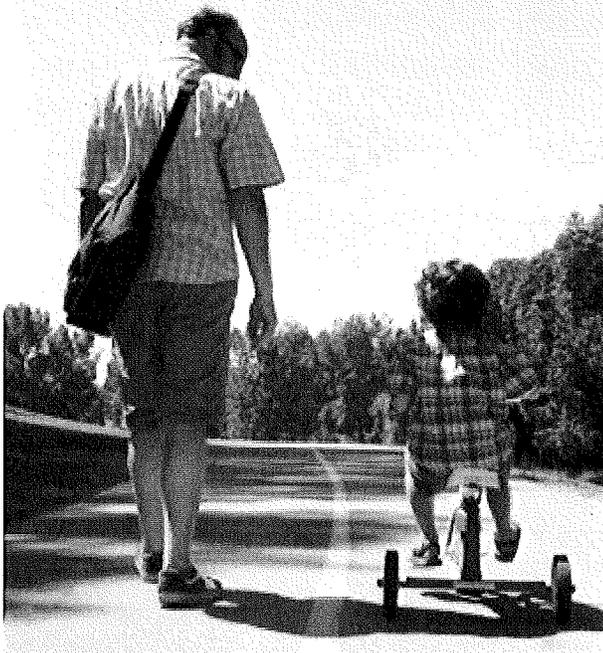


Go to xcelenergy.com/MyAccount
and enroll today.

Live Simpler and Greener

Reduce paper clutter, stacked mail and unfiled bills. Help the environment and save some trees with paperless billing. Enroll in My Account today.

xcelenergy.com/MyAccount



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Information from Xcel Energy

Turn your
computer desk into
an energy-bill paying,
use-tracking
command center.



Whether your home's "command center" is a kitchen alcove or the dining room table, My Account can help you clear the clutter and get back to what's important.

Detailed and easy-to-understand online information is just what a busy household needs to save money, increase efficiency or be a little greener.

INFORMATION AT YOUR FINGERTIPS. See your latest account billing information at a glance, and easily track your spending and energy use with online statements and uncomplicated graphs.

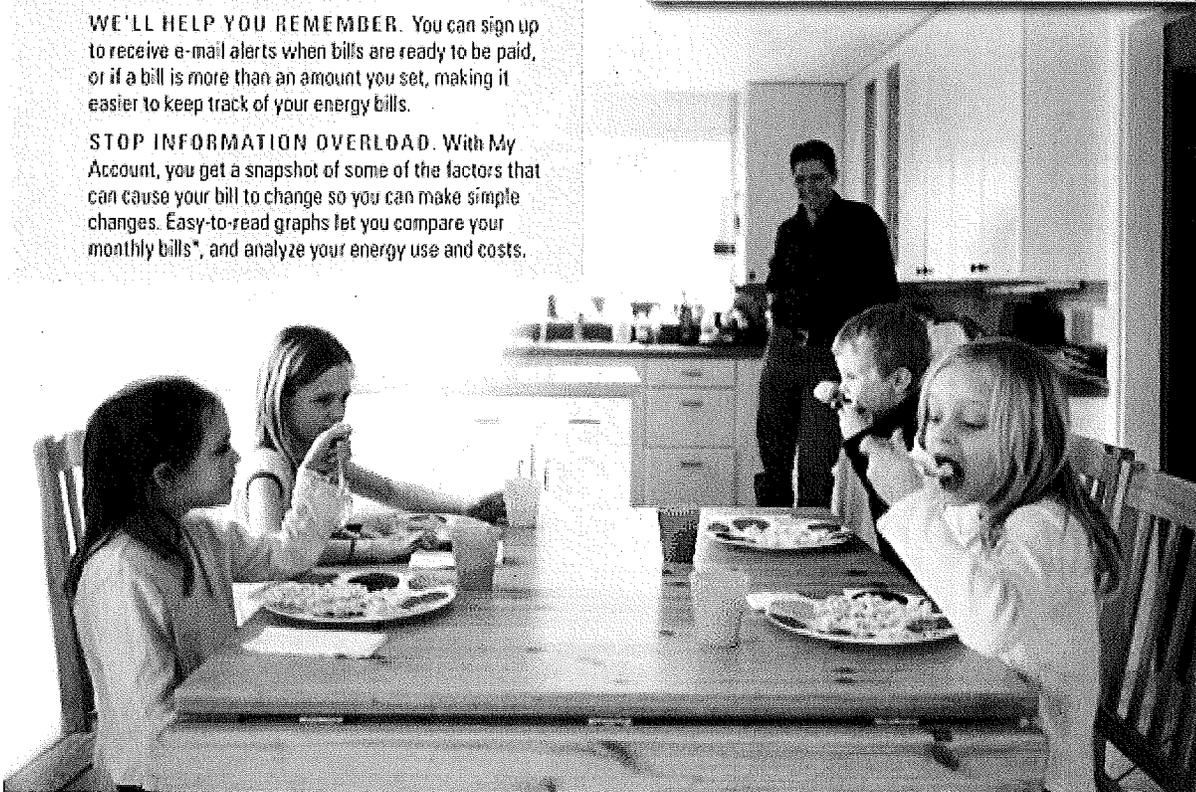
REDUCE THE CLUTTER. Sign up for optional paperless billing and payment. Check your balance, pay your bill online or set up automatic payments.

WE'LL HELP YOU REMEMBER. You can sign up to receive e-mail alerts when bills are ready to be paid, or if a bill is more than an amount you set, making it easier to keep track of your energy bills.

STOP INFORMATION OVERLOAD. With My Account, you get a snapshot of some of the factors that can cause your bill to change so you can make simple changes. Easy-to-read graphs let you compare your monthly bills*, and analyze your energy use and costs.

Get everything you need to manage your home's energy use and costs, from the comfort and convenience of your home or anywhere you have online access.

Sign up for My Account Today!
Enrollment is instant and easy, free and secure! Grab your bill so that you can easily locate your account number and go to www.xcelenergy.com/MyAccount today.
*We'll create online billing statements beginning in the month you enroll and make them available online for up to 24 months.



**With My Account
you have the freedom to
manage your account
and your bill the way you
want and when you want.**

Visit

www.xcelenergy.com/MyAccount

to sign up for online
account access today!



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- Minnesota, Northern States Power Company
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- Wisconsin Public Service Company of
Xcel Energy Companies



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Information from Xcel Energy



Spend
More Time Playing
And Less Time Paying

Simplify Your Life with convenient payment options.

My Account and eBill: Our online account management tools that let you pay online, go paperless, view your billing and payment history and more.

My Account lets you:

- Set up paperless and automatic billing and payment
- Set up recurring payments or a one-time payment from your checking or savings account
- Select a custom payment date
- Sign up for the **Averaged Monthly Payment** plan that spreads out your cooling and heating costs over an entire year
- Easily modify or delete scheduled payments

Enrollment is Easy

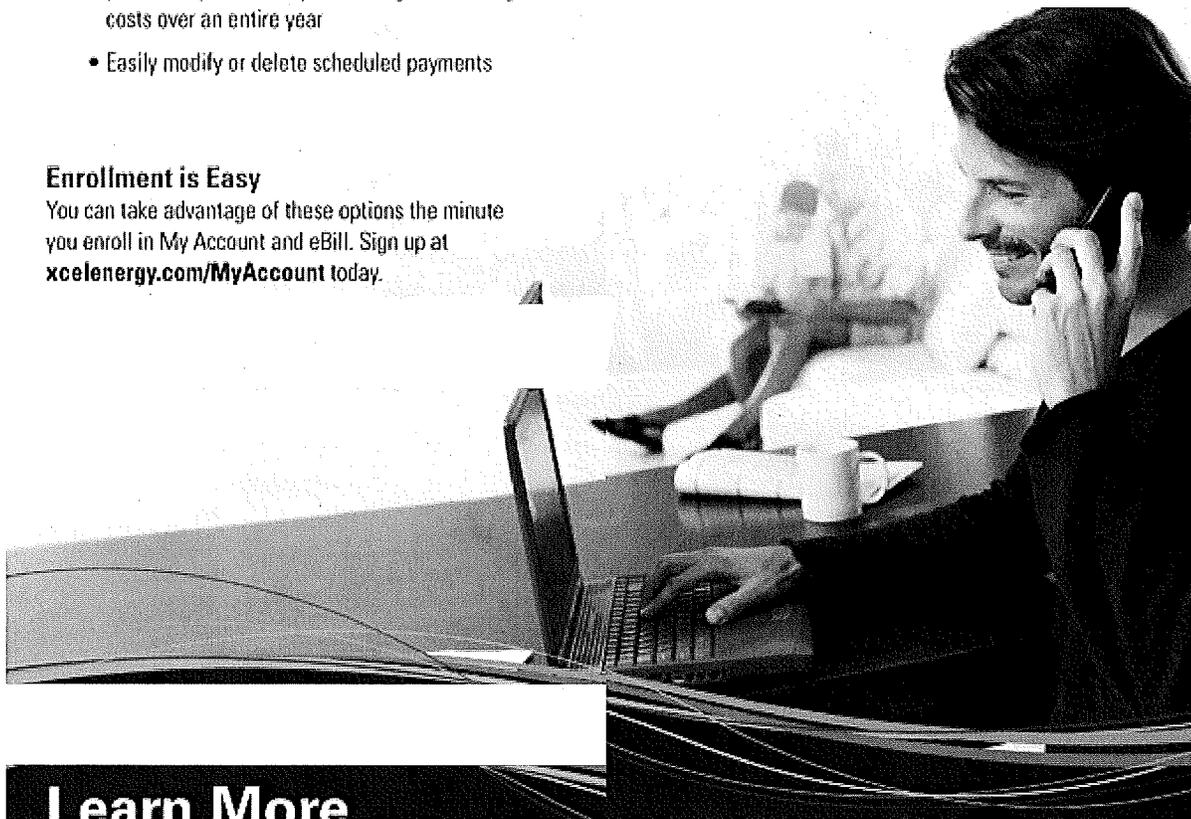
You can take advantage of these options the minute you enroll in My Account and eBill. Sign up at xcelenergy.com/MyAccount today.

Additional payment options are:

Credit/Debit Card Payment: Make your payment online or by phone using your major credit or debit card through our partnership with NCO Financial Systems.

Pay By Phone: Call our customer service number listed below and then follow the easy prompts to securely make a one-time payment directly from your checking or savings account.

Pay Stations: Make your payment while shopping or banking. For convenient locations near you, visit xcelenergy.com or call us at the number below. A third-party convenience fee applies.



Learn More

To learn more about any of these payment options visit xcelenergy.com or call us at 1-800-895-4999

Simplify your life.

You can take advantage of our convenient payment options when you enroll in My Account and eBill. Sign up at xcelenergy.com/MyAccount today.



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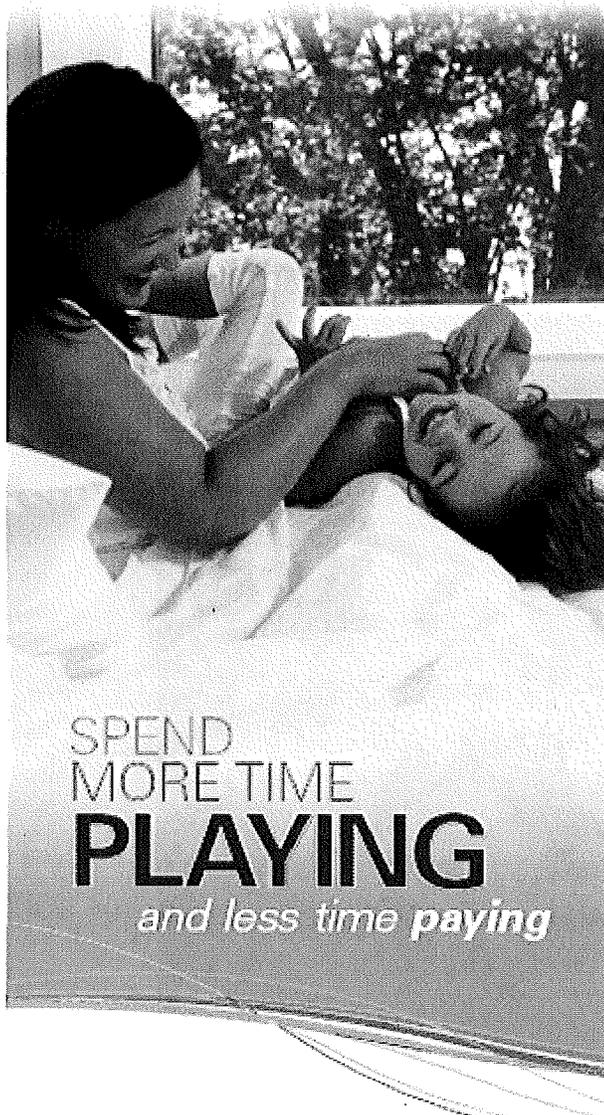
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SPEND
MORE TIME
PLAYING
and less time paying

SIMPLIFY YOUR LIFE *with convenient payment options*

My Account and eBill: Our online account management tools that let you pay online, go paperless, view your billing and payment history and more.

My Account lets you:

- Set up paperless and automatic billing and payment
- Set up **Auto Pay (automatic recurring payments)** to pay your monthly energy payments automatically from your bank account on the date they are due. Or make a one-time payment from your checking or savings account
- Select a custom payment date
- Sign up for the **Averaged Monthly Payment** plan that spreads out your cooling and heating costs over an entire year
- Easily modify or delete scheduled payments

Additional payment options are:

Credit/Debit Card Payment: Make your payment online or by phone using your major credit or debit card through our partnership with NCO Financial Systems. Not available in Texas.

Custom Due Date allows you to choose a payment due date that fits better with your schedule.

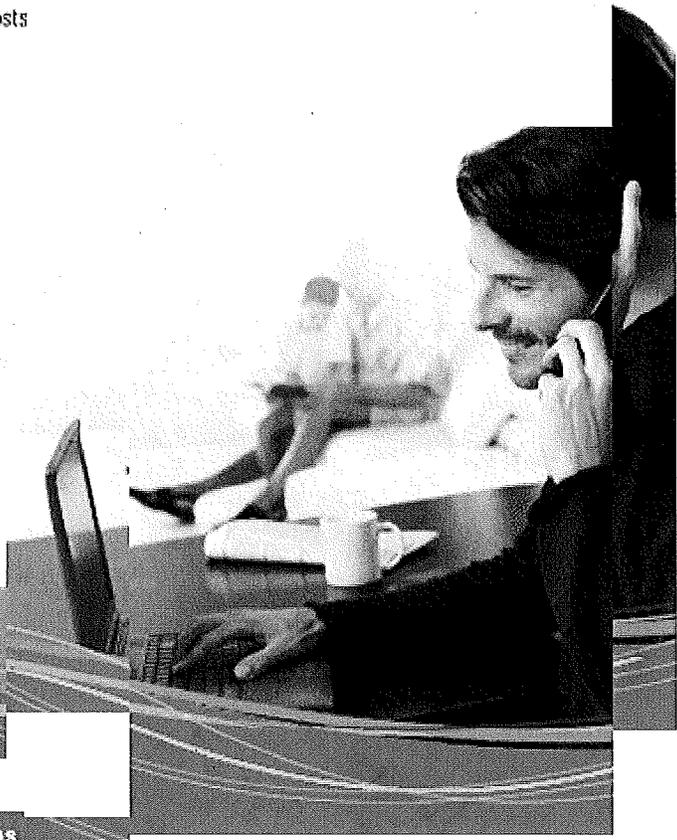
Pay By Phone: Call our customer service number listed below and then follow the easy prompts to securely make a one-time payment directly from your checking or savings account.

Pay Stations: Make your payment while shopping or banking. For convenient locations near you, visit xcelenergy.com or call us at the number below. A third-party convenience fee applies.

Enrollment is easy

You can take advantage of these options the minute you enroll in My Account and eBill. Sign up at xcelenergy.com/MyAccount today.

Or you can enroll in Auto Pay and Average Monthly Payment through the mail-in application on the back.



LEARN MORE

To learn more about any of these payment options visit xcelenergy.com or call us at 1-800-895-4999

**SIGN-UP for AUTO PAY and/or
AVERAGED MONTHLY PAYMENT**

Please complete the information below.

Name: _____

Phone: (_____) _____

Address: _____

City: _____

State: _____ ZIP: _____

Email*: _____

*By providing your e-mail address, you are granting Xcel Energy permission to send further e-mails regarding our programs and services.

Xcel Energy Account Number

□ □ - □ □ □ □ □ □ □ □ - □ □

YES, please sign me up for AUTO PAY today. I authorize Xcel Energy to instruct my financial institution to make my Auto Pay payment from the bank account listed below. I can revoke this authorization at any time by notifying Xcel Energy. I also understand that a new authorization is required if I change my bank account.

Financial Institution: _____

Bank Account Number: _____

Routing (ABA) Number: _____

Signature: _____

Note: Authorized signature must match the name on the bank account.

Important: To complete the Auto Pay application, you must include one of the following items:

- Checking (I have included a **voided check** with my application)
- Savings (I have included a blank **savings deposit slip**)

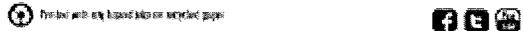
YES, please sign me up for AVERAGED MONTHLY PAYMENT today. I understand this authorizes Xcel Energy to bill me approximately the same amount every month, based on previous energy use. I also understand that I must notify Xcel Energy to exit the program.

For this form along with a **voided check or savings deposit slip** to us at 617-573-9112 or include it along with your next payment or mail it to: **Xcel Energy, Auto Pay Plan, P.O. Box 59, Minneapolis, MN 55440-0059**

You don't need to include a voided check or savings deposit slip if you are just signing up for **AVERAGED MONTHLY PAYMENT**. Please retain a copy of this form for your records. Allow six to eight weeks for your account to be set up on Auto Pay. Continue to make payments the usual way until a confirmation appears on your bill.



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NORTHERN STATES POWER COMPANY, a Minnesota corporation
Electric Operations - State of South Dakota
Schedule H-3 Working Papers for Listed Expense Accounts
YEAR ENDED 12-31-2011
Advertising

TOTAL SAFETY

Total to
South Dakota
\$ 72,110

Ad Category: Safety - General
Timing: January - December
Market: Sioux Falls, Lake County, Lincoln County, Minnehaha County
Media Type: Billboards

Ad Category: Safety - General
Timing: January - December
Market: Sioux Falls, Lake County, Lincoln County, Minnehaha County
Media Type: Print

Ad Category: Safety - General
Timing: January - December
Market: Sioux Falls, Lake County, Lincoln County, Minnehaha County
Media Type: Web Interactive

Ad Category: Safety - Educators
Timing: January - December
Market: Sioux Falls, Lake County, Lincoln County, Minnehaha County
Media Type: Print/Web Interactive

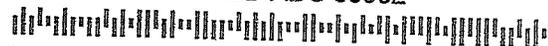
Ad Category: Safety - Contractors
Timing: January - December
Market: Sioux Falls, Lake County, Lincoln County, Minnehaha County
Media Type: Print/Web Interactive

Ad Category: Safety - Emergency Responders
Timing: January - December
Market: Sioux Falls, Lake County, Lincoln County, Minnehaha County
Media Type: Print/Web Interactive

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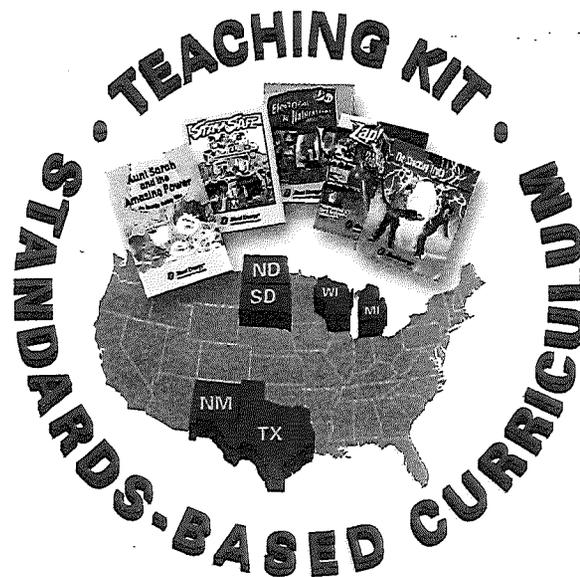


Lori Warner
Project Manager, Enterprise Continuity & Publ
Xcel Energy
10001 West Hampden Svenue
Lakewood CO 80227

89

Q: How can you meet State Standards more easily while addressing important energy-related lessons?

A: Xcel Energy's FREE Energy Safety Education Program Teaching Kits (samples enclosed).



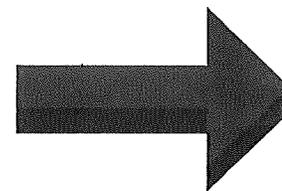
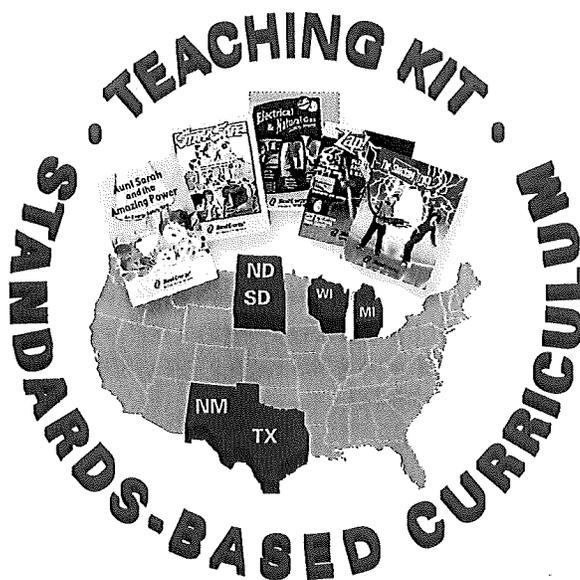
Q: How can you meet State Standards more easily...

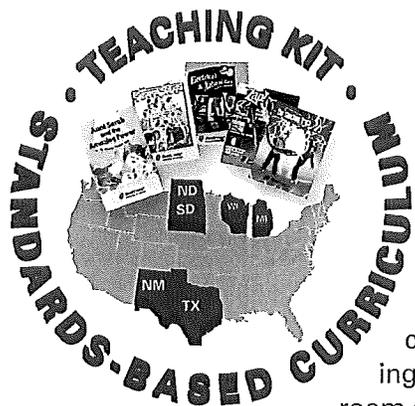
...prepare and engage students, accommodate various learning styles, save lesson planning time and budget dollars...

...while addressing important energy-related lessons?

A: Xcel Energy's FREE Energy Safety Education Program Teaching Kits.

Each Teaching Kit includes student books, a Teacher's Lesson Planning Guide, pre/post tests, and a State Standards Correlation Sheet.





Meet State Standards Standards Correlation Sheets

We all have a responsibility to support student achievement and to prepare our students for the future—no one knows this more than you. That's why we've incorporated State Standards into the content of our books and developed companion *Standards Correlation Sheets*. With these tools you can be sure you are addressing critical subject matter and meeting your teaching objectives. Whether you make our Teaching Kits a part of your regular classroom curriculum or use them to supplement your program as take home work, you can feel confident. Our materials are designed by educators and industry specialists to help meet state standards and your needs.

Save Prep Time Teacher's Lesson Planning Guide



Because you face so many demands on your time, each of our kits includes a **Teacher's Lesson Planning Guide** to save you planning time and help you easily implement our materials and reinforce learning. Our guides are designed to enhance the lessons within the student books by outlining objectives, providing detailed background information, presenting key discussion points, and offering follow-up activities and useful answer keys.

Address Learning Styles & Engage Students Books, Guides, Tests & Websites



Our Teaching Kit materials offer many tools including scientific inquiry-based experiments, informative stories, thought provoking discussion exercises, interactive online games, and challenging quizzes and tests. This broad approach towards learning means that there's something to appeal to the interests and learning styles of all your students. What's more, the multiple modes of presentation will help you to reinforce concepts and improve understanding and retention. The flexibility of our tools allow for group activities or individualized learning in the classroom or at home.

Conserve Your Budget ORDER—Our Materials are FREE!



During a time when budgets are squeezed and teachers often spend their own money to supplement their classroom materials, Xcel Energy is proud to provide you with classroom Teaching Kits free of charge. No cost to order, no cost for materials, and no fee for shipping! There are three easy ways to order—see the order information in this mailer just above the order card.

We're glad to help you meet your teaching objectives and hope that you take advantage of this opportunity to teach your students about the science, safety, and responsible use of electricity and natural gas. Please feel free to share this offer with your colleagues. Thank you for your commitment to energy education and safety!

**Access resources and order online at
www.xcelenergy.com/publicsafety/educators**

Xcel Energy Teaching Kits

EACH KIT INCLUDES:

- Student books for your class
- Access to downloadable online resources:
 - **Teacher's Lesson Planning Guides** that outline the book's objectives, offers background information, discussion points and follow-up activities.
 - **Pre/Post Tests** that evaluate student understanding of core science and safety concepts presented in the materials.
 - **Standards Correlation Sheets** that correlate each book's content to relevant State Standards.

Aunt Sarah and the Amazing Power: An Energy Safety Tale

Grades 2-3 The book is a beautifully illustrated tale about three lovable kittens and their Aunt Sarah who introduces important safety issues and the key benefits of electricity and natural gas. The lively story also incorporates age-appropriate word- and picture-based activities.

Stay Safe Around Electricity and Natural Gas

Grades 3-6 The book covers electrical and natural gas safety around electric and natural gas distribution systems, equipment, and appliances. It also

includes a safety audit for students to complete with their parents.

Electrical and Natural Gas Safety World

Grades 4-6 The book helps teach vital science concepts while powerfully reinforcing safety. Content covers energy distribution, renewable vs. nonrenewable resources, circuitry, and conductors vs. insulators. Students will learn from activities, *Which Bulbs Will Light?* and *Can You Survive Without Using Energy?* Also available in Spanish.

Zap! Play It Safe Around Electricity & Natural Gas

Grades 4-6 The book helps teach students about electrical and natural gas safety through exciting stories, like how some undersea creatures generate electricity and how hospitals use electricity to keep the human heart beating; colorful graphics that illustrate how shock happens and how energy is disturbed; real-life testimonials about lightning strike survivors and fun activities like *Find the Hidden Dangers* and the *Zap Word Search*; all in a magazine style activity book.

The Shocking Truth About Electricity and Natural Gas

Grades 4-6 The book inspires students' interest in electric and natural gas safety. Students learn lessons such as how electricity affects the body and how to detect a gas leak. This book is key to learning about risk assessment and how to avoid accidents around utilities.



For Your Evaluation

In addition to an image and brief description of each Teaching Kit in this mailer, we've enclosed two sample booklets, *Aunt Sarah and the Amazing Power* (Grades 2-3) and *The Shocking Truth About Electricity & Natural Gas* (Grades 4-6) for your review. Additionally, within each book you will find a corresponding *State Standards Correlation Sheet*. We hope that you take a moment to review, evaluate and incorporate these materials into your classroom curriculum.



How to Order

To receive your FREE Teaching Kit, complete the attached, self-addressed, postage paid order card and mail it or fax it to (978) 463-1715; or for quicker delivery, order online at www.xcelenergy.com/publicsafety/educators.

We ask that educators limit their orders to one book choice only and order the title appropriate for the grade taught. Enter the number of students in your class next to the title you'd like to receive. Orders for more than one book title choice will be adjusted. Orders are filled on a first-come, first-served basis. If inventories are depleted, you will be notified by mail.



Order Your FREE Teaching Resources!

Limit orders to one book choice. Orders for more than one book choice will be adjusted.

TITLE	# OF BOOKS
Aunt Sarah and the Amazing Power: An Energy Safety Tale Grades 2-3 #36205	
Stay Safe Around Electricity and Natural Gas Grades 3-6 #35809	
Electrical and Natural Gas Safety World Grades 4-6 #36385	
Electrical and Natural Gas Safety World / Spanish Grades 4-6 #36555	
Zap! Play It Safe Around Electricity & Natural Gas Grades 4-6 #36215	
The Shocking Truth About Electricity and Natural Gas Grades 4-6 #35808	

Name

School

School district

Grade

Mailing address (no P.O. boxes)

City

State

Zip code

Daytime phone

Email address

How many educators are you ordering for?

Comments

Protect Our Energy Lines. Protect the Community.



Call Before You Dig

The single greatest cause of damages to underground utilities—such as gas pipelines and electric lines—is damage from excavation and outside forces. **If your students or their family members plan to dig or move earth in any way—from planting a tree or shrub to repairing or installing irrigation lines or a fence—please contact your state’s one call center by dialing 811.**



**Know what's below.
Call before you dig.**

Wait your state’s required time before digging—at least 2 to 3 working days.



Warning Signs of a Gas Leak

The warning signs of a gas leak could be a **distinctive sulfur-like odor, dirt spraying or blowing in the air, a hissing or roaring sound, continual bubbling in water, or plants or grass dead or dying for no apparent reason.** If you suspect a gas leak:

- **Leave your home or the outside area immediately and move to a safe location. Call 911.**
Xcel Energy customers should also call 1-800-895-2999.
- **Warn others to stay away.**
- **Even a tiny spark could ignite the gas so:**
 - **Never use a phone or cell** until safely away.
 - **Never operate electric appliances or switches** such as lights, door bells, radios, television or TV controllers, and garage door openers.
 - **Do not strike a match.**
- **Remind adults that they should never try to extinguish a gas fire or stop the flow of gas,** or turn a valve on pipeline equipment.



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Educational Materials Distribution
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Every book comes with a free Teaching Kit that includes a state-specific standards correlation sheet, a teacher's guide, and a pre/post-test—all available online to download and print at www.xcelenergy.com/publicsafety/educators.

The Shocking Truth About Electrical and Natural Gas Safety supports the following Academic Science Standards and Health Education Standards in your state for grades 4, 5, and 6:

Michigan

Grade 4

Science Inquiry: Conduct Simple Investigations
Physical Science: Forms of Energy; Circuits; Conductors
Health Education: Safety Hazards Related to Fire

Grade 5

Science Inquiry: Generate Questions and Conduct Investigations
Health Education: Predict Safety Hazards and Avoid Unsafe Situations

Grade 6

Science Inquiry: Conduct Investigations; Make Observations
Physical Science: Forms of Energy; Energy Transfer; Conduction
Health Education: Strategies to Avoid and Respond to Unsafe Situations

New Mexico

Grade 4

Scientific Thinking and Practice: Scientific Methods
Physical Science: Electricity; Construct a Circuit

Grades K–4

Health Education: Reduce Health Risks: Develop Injury Prevention Strategies

Grade 5

Scientific Thinking and Practice: Scientific Methods
Physical Science: Characteristics of Energy; Machines Convert Energy

Grades 5–8

Health Education: Reduce Health Risks: Develop Injury Prevention Strategies

Grade 6

Scientific Thinking and Practice: Scientific Methods
Physical Science: Conduction

North Dakota

Grade 4

Scientific Inquiry: Conduct Simple Investigations
Health Education: Safety and Injury Prevention

Grade 5

Scientific Inquiry: Formulate an Explanation Supported by Data
Physical Science: Circuits; Conductors
Health Education: Safety & Injury Prevention; Decision-Making

Grade 6

Scientific Inquiry: Gather and Analyze Data
Earth/Space Science: Prepare for Adverse Weather Conditions
Environmental Issues: Effect of Natural Hazards on People, Environment
Health Education: Safety and Injury Prevention

South Dakota

Grades 3–5

Health Education: Prevent Injuries; Reduce Health Risks

Grade 4

Scientific Investigation: Predict; Ask Questions; Plan Investigations

Physical Science: Conductors and Insulators; Circuits

Grade 5

Scientific Investigation: Predict; Ask Questions; Plan Investigations

Physical Science: Conduction of Electricity; Transfer of Light

Grade 6

Scientific Investigation: Pose Questions to be Explored

Physical Science: Principles of Electricity and Circuits

Grades 6–8

Health Education: Prevent Injuries; Reduce Health Risks

Texas

Grade 4

Scientific Investigation and Reasoning: Implement Investigations

Force, Motion, and Energy: Conductors and Insulators; Construct a Circuit

Health Behaviors: Reducing Health Risk; Home Safety; Emergency Response

Grade 5

Scientific Investigation and Reasoning: Make Detailed Observations

Physical Science: Conductors and Insulators; Construct a Circuit

Health Behaviors: Reducing Health Risk; Preventing Accidental Injuries

Grade 6

Scientific Investigation and Reasoning: Formulate Testable Hypotheses

Force, Motion, and Energy: Conduction, Electrical Energy

Health Behaviors: Reducing Health Risk; Preventing Accidental Injuries

Wisconsin

Grades K–4

Science Inquiry and Connections: Make Predictions

Physical Science: Electricity

Health Education: Injury Prevention and Treatment

Grade 5--8

Science Inquiry and Connections: Use Models to Predict Events in the Natural World

Physical Science: Energy Exchanges; Electrical Fields; Energy Transmission

Health Education: Injury Prevention

The Shocking Truth

About Electrical & Natural Gas Safety



 **Xcel Energy**[®]

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www.xcelenergy.com/publicsafety/educators



Every book comes with a free Teaching Kit that includes a state-specific standards correlation sheet, a teacher’s guide, and a pre/post-test—all available online to download and print at www.xcelenergy.com/publicsafety/educators.

Aunt Sarah and the Amazing Power: An Energy Safety Tale supports the following State Academic Standards in the areas of Science and Health for grades 2 and 3:

Michigan

Grade 2

Health Education: Access Information; Avoid Unsafe Situations

Grade 3

Physical Science: Forms of Energy

Health Education: Recognize Unsafe Situations

New Mexico

Grade 2

Physical Science: Electricity; Light

Grades K–4

Health Education: Reduce Health Risks; Develop Strategies for Injury Prevention

North Dakota

Grade 2

Physical Science: Forms of Energy

Science & Personal Health: Identify Choices that Contribute to Wellness

Health Education: Safety and Injury Prevention

Grade 3

Health Education: Safety and Injury Prevention; Communication to Adults about Safety

South Dakota

Grade 2

Earth/Space Science: Describe Types and Patterns of Weather

Grades Pre-K–2

Health Education: Prevent Injuries; Respond to Dangerous Situations

Grades 3–5

Health Education: Prevent Injuries; Reduce Health Risks

Texas

Grade 2

Earth and Space Sciences: Identify Importance of Weather and Seasonal Information in Making Choices in Activities

Health Behaviors: Avoid Accidental Injuries; Identify Hazards in the Environment that Affect Health and Safety

Grade 3

Physical Science: Force, Motion & Energy

Health Behaviors: Recognize and Perform Behaviors that Reduce Health Risks; Take Personal Responsibility for Avoiding Accidents

Wisconsin

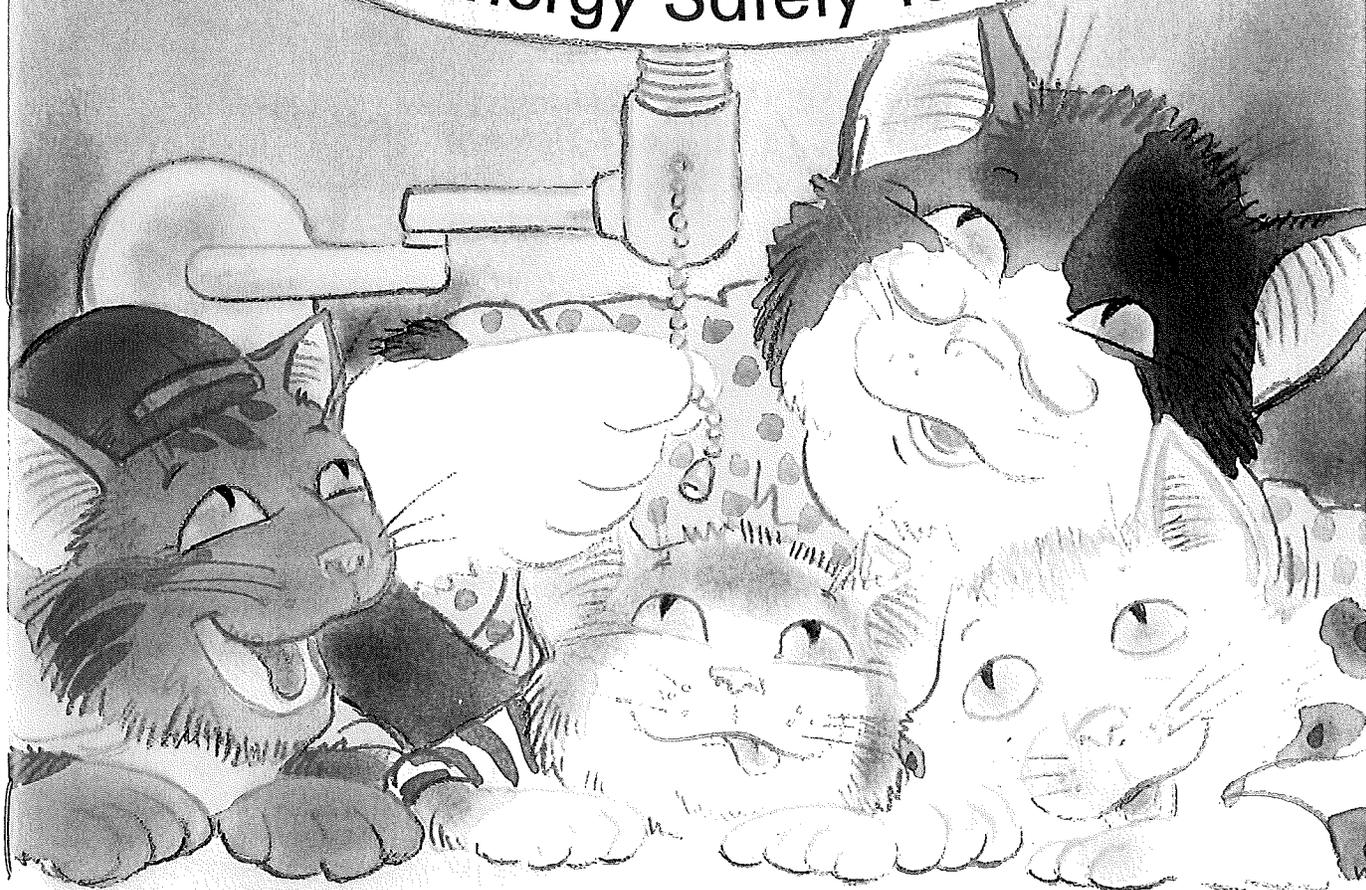
Grades K-4

Physical Science: Electricity

Health Education: Injury Prevention and Treatment

Aunt Sarah and the Amazing Power

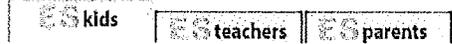
An Energy Safety Tale



RESPONSIBLE BY NATURE™

www.xcelenergy.com/publicsafety/educators

Educator - Online Website Information



Welcome!

Xcel Energy invites you to become an e-SMART kid. Becoming e-SMART means learning about electricity and natural gas and how to use them safely. Check out our games and activities, and you'll be on your way!

NEW! We've added a new safety video to the website: The Shocking Truth About Electricity. It is available to view online from the Videos tab below or from the Videos section on the right.

Kids

Websites

Electrical Safety World

Natural Gas Safety World

Videos

Electrical & Natural Gas Safety World

The Shocking Truth About Electricity

Games

The Voltinator

Find the Hidden Dangers: Electric

Find the Hidden Dangers: Natural Gas

Home Inspection

Ask an Expert

Websites

Next

Electrical Safety World

Electrical Safety World

Games, experiments, stories, and facts about electricity...
Learn and have fun doing it!

Videos

Next

See all videos

Electrical & Natural Gas Safety World

Choose from 7 different episodes... Watch now!

Games

Next

See all games

The Voltinator

THE VOLTINATOR

Ask an Expert

Do you have a question about **energy**?

Get the answer!

e-SMARTkids Game Club

SIGN IN

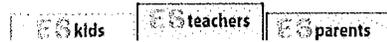
User Name

Password

Not yet a member? [Sign up now!](#)



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Welcome!

Xcel Energy knows teachers play a critical role in helping students learn to use energy safely. This site gives you the resources you need to achieve this important goal.

Explore our curriculum-based games and videos. Order free booklets. And download our teacher's guides. Then let us know what you think. We welcome your feedback!

NEW!! We've added a new safety video to the website: The Shocking Truth About Electricity. It is available to view online from the Videos tab below or from the Videos section on the right.

Standards-Based Materials, Guides, & Tests

FREE Materials
Support educational standards and easily integrate into your regular curriculum.

Materials support National Science & Health Education Standards.

Help your students stay safe around electricity & natural gas.

Teachers

Standards-Based Materials, Guides, & Tests

Order FREE Materials

Videos

Electrical & Natural Gas Safety World

The Shocking Truth About Electricity

Energy Glossary

Give Feedback

Teacher's Guides & Pre/Post Test

Save class preparation time and enhance the lessons presented in the materials.

Videos

Next See all videos

Electrical & Natural Gas Safety World

Choose from 7 different episodes... Watch now!

Energy Glossary

Energy — The ability to do work.

Energy efficiency — Using less energy to do the same amount of work.

Energy conservation — Using energy wisely.

Renewable energy — Energy that can be replaced naturally.

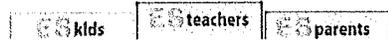
Sustainable energy — Energy that meets our needs without harming our environment.

Give Feedback

Help us improve our future programs.

[Xcel Energy Privacy Policy](#)

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Teachers

- [Standards-Based Materials, Guides, & Tests](#)
- [Order FREE Materials](#)
- [Videos](#)
- [Energy Glossary](#)
- [Give Feedback](#)

Standards-Based Materials, Guides, & Tests

Xcel Energy knows that teachers possess the power to enlighten students. We also know that any worthwhile effort requires commitment and resources. That's why we're glad to offer you FREE educational materials.

Our materials teach students one of life's most important lessons, safety around electricity and natural gas. Students will enjoy learning through books that are full of fun and interesting activities, experiments, stories, and facts. Additionally, our books address national education standards and reinforce math, reading, and science skills.

We ask that educators limit their orders to one book choice only. Please select the one book by entering the number of students in your class under "Quantity". Orders for more than one book choice will be adjusted.

For comprehensive, easy-to-use class lessons, be sure to download our companion teacher's guides, pre/post tests, and state standards.

Aunt Sarah and the Amazing Power



GRADES 2-3

This beautifully illustrated storybook about safety tells a tale about three lovable kittens and their Aunt Sarah, and introduces the benefits of electricity and natural gas.

[Order Now](#)

[View Guide](#)

[View Test](#)

View Standards: [CO](#), [MI](#), [MN](#), [NM](#), [ND](#), [SD](#), [TX](#), [WI](#)

Stay Safe Around Electricity and Natural Gas



GRADES 3-6

This book combines essential electrical and natural gas safety basics. The learning is fun, with challenging puzzles and age-appropriate word games. Contains valuable content regarding gas leak and hazard recognition, response and prevention.

[Order Now](#)

[View Guide](#)

[View Test](#)

View Standards: [CO](#), [MI](#), [MN](#), [NM](#), [ND](#), [SD](#), [TX](#), [WI](#)

Electrical & Natural Gas Safety World



GRADES 4-6

Helps teach mandated science concepts while reinforcing important safety messages. Supports National Science Education Standards and the National Energy Education Development Projects Guidelines for Energy Education.

[Order Now](#)

[View Guide](#)

[View Test](#)

View Standards: [CO](#), [MI](#), [MN](#), [NM](#), [ND](#), [SD](#), [TX](#), [WI](#)

Mundo de seguridad de la electricidad y el gas natural



GRADES 4-6

This book combines essential electrical and natural gas safety basics. The learning is fun, with challenging puzzles and age-appropriate word games. Contains valuable content regarding gas leak and hazard recognition, response and prevention.

[Order Now](#)

[View Guide \(English\)](#)

[View Test \(Spanish\)](#)

View Standards (English): [CO](#), [MI](#), [MN](#), [NM](#), [ND](#), [SD](#), [TX](#), [WI](#)

Zap! Play It Safe Around Electricity & Natural Gas



GRADES 4-6

Students learn about electric and natural gas safety through exciting stories, colorful graphics, real-life testimonials, and fun activities in a magazine-style activity book.

[Order Now](#)

[View Guide](#)

[View Test](#)

View Standards: [CO](#), [MI](#), [MN](#)

The Shocking Truth About Electrical & Natural Gas Safety



GRADES 4-6

Inspire students' interest in electric and natural gas safety with this outstanding discovery workbook. Teaches how to assess risk and avoid accidents through hazard recognition, response and prevention.

[Order Now](#)

[View Guide](#)

[View Test](#)

View Standards: [CO](#), [MI](#), [MN](#)

NM, ND, SD,
TX, WI

NM, ND, SD,
TX, WI

[Xcel Energy Privacy Policy](#)

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[ES kids](#)[ES teachers](#)[ES parents](#)

Welcome!

Xcel Energy welcomes you to e-SMARTkids. You play a critical role in helping your children learn to use electricity and natural gas safely. This site gives you the tools you need to achieve this important goal. We hope you find it useful!

Parents

A Note to e-SMART Parents:

The energy-use habits your children develop when they are young will stay with them for the rest of their lives. So teaching your kids to use electricity and natural gas safely can have a positive impact—now and in the future.

e-SMARTkids engages children's imagination with educational games and hands-on activities, so that they learn how to use energy responsibly at home and at school. The site also enhances children's science education with standards-based learning.

Children's interactive learning experience on this site can be enhanced with parental guidance. Please explore this site with your child.

e-SMARTkids is 100% kid-friendly and 100% kid-safe. We do not collect personal information about your child (with the exception of a first name, first letter of last name, age, and state). All links from this site are screened for age-appropriate educational content.

[Xcel Energy Privacy Policy](#)

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At Risk Third-Party Contractor – Direct Mail

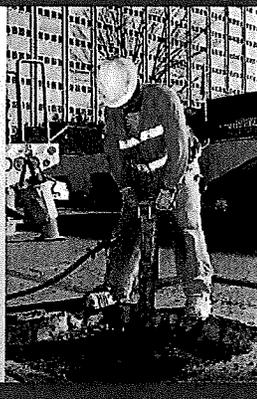
Culver: Spring 2011 Colorado Mail List = 1,173



Important Electrical and Natural Gas Safety Information for You & Your Employees

Worker Safety

Protect yourself, your crew, and the public.
Urge your employees to follow the enclosed safety tips when they work around energy lines.



A FREE, Effective Way to Reduce Risk

At Xcel Energy, we'd like to help contribute to your company's well-being, especially when it comes to safety around overhead and underground utilities. We're glad to offer you our worker safety training materials—FREE, to better help protect you, your workers, and the public. It's a pretty good business proposition, especially when you consider the risks.

Your Risks Can Be Costly

The result of a utility contact can be disastrous. Contacts can mean:

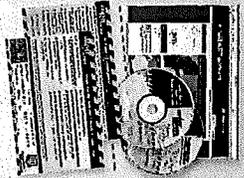
- Injury or death
- Higher insurance premiums
- Lawsuits and property damages
- Increased workers' compensation
- OSHA fines
- Worker days lost
- Clean-up costs
- Worker replacement costs

Save Money, Save Time, Save Lives

- **General Injury-Related Costs.** Research indicates that safety training programs like ours help reduce injuries and fatalities and the costs associated with them, such as workers' compensation, and lost production time as well as the time and cost of paper-work, investigation, and fines associated with incidents.
- **Reduce Insurance Premiums.** Our materials include components that, studies have shown, correlate to lower insurance premiums.
- **Avoid OSHA Fines.** Our materials contain key elements that can help satisfy OSHA training regulations.
- **Save Lives.**

411 The OSHA, Washington, DC 20548
 4000 Independence Blvd., Suite 100
 Philadelphia, PA 19126
 For more information on our products,
 visit our website at www.xcelenergy.com.
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Order these FREE Electrical & Natural Gas Safety Training Materials



3 Easy Ways To Order:

1. Mail
Complete the attached self-addressed, postage-paid order card and mail it.
 2. Fax
Complete the attached order card and fax it to 978-465-1715.
 3. Online
Visit www.xcelenergy.com/publicsafetycontractors.
- Orders are filled on a first-come, first-served basis and quantities are limited, so order today. Materials will arrive in 2-4 weeks.



BUSINESS REPLY MAIL
 PERMIT NO. 1007 SALISBURY, MA
 POSTAGE WILL BE PAID BY ADDRESSEE

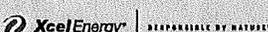
Xcel Energy
 Safety Materials Distribution
 104 Bridge Road
 Salisbury, MA 01852-9912



Worker Safety In Case of Emergency! Utility contact? Report even minor damage to your supervisor.

- Gas Leak Signs** A gas leak may have a sulfur-like odor (but not always). Other signs may include a hissing or roaring sound, dirt spraying or blowing into the air, continual bubbling in water, and grass or plants dead or dying for no apparent reason.
- If You Contact a Natural Gas Pipeline**
1. Warn others and leave the area quickly.
 2. Do not use matches, cell phones, radios, or lighters, as even a tiny spark could ignite the gas.
 3. Do not operate any gas pipeline valves or stop the flow of gas.
 4. Leave the excavation open.
 5. Call 911 and the local natural gas utility immediately, even if damage is a minor nick or scrape.
 6. Stay away from the area until safety officials say it is safe to return.
 7. Report the incident to your supervisor.
- If Your Equipment Contacts a Power Line**
1. Move equipment away from the line if you can do so safely.
 2. Stay on equipment until utility workers signal you off.
 3. Warn others away from the line and anything it is touching.
 4. Have someone call 911 and the local electric utility immediately.
 5. If fire forces you off, jump clear without touching equipment and the ground at the same time. Land with your feet together and shuffle away with small steps.
- To report emergencies, call 911 and the local electric or gas utility immediately.

Xcel Energy Electric Emergencies: 800-895-1999
 Xcel Energy Gas Emergencies: 800-895-2999



www.xcelenergy.com/pub/safety/contractors
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Worker Safety

Electrical and Natural Gas Safety Information for You & Your Employees

Beware of Power Lines

Keep people, tools, and equipment (other than cranes or derricks used in construction) at least 10 feet away from overhead power lines carrying up to 50 kV.

- Survey your job site every day to find power lines, poles, guy wires and pad-mounted equipment, and point them out at your work briefings.
- Review your emergency plan for power line contact.
- Assume all overhead lines are energized and potentially dangerous, including the service drops that run from utility poles to buildings, and stay at least 10 feet away from lines carrying up to 50 kV.
- Cranes and derricks in construction may require clearances greater than 10 feet and encroachment prevention precautions. For specific requirements consult www.osha.gov.
- If your equipment contacts a power line have someone call 911 and Xcel Energy immediately at 1-800-895-1999.



Call Before You Dig

Call well in advance so you can work safely.



- Call 811 before you move earth in any way. Wait your state's required time before digging: CO, MI and WI—3 business days; MN, ND, NM, SD and TX—2 business days. Your call arranges for utilities to mark their underground lines including energy lines.
- If you don't call and you hit an underground line, you could be hurt or killed. You will be held liable for damages.
- White line your excavation route or area, so locators can easily mark the affected utilities.
- Wait the required time before digging. Leave a "tolerance zone" of at least 24 inches beyond the outside edge of the utility. Verify local/state laws.
- Respect the marks, and dig with care.
- Hitting a natural gas or an electric line has serious consequences, including outages. Hitting a natural gas line can lead to a gas explosion, adding additional risk to those nearby.

If Your Equipment Contacts a Natural Gas Line

Warn others and leave the area quickly.

- Do not squeeze or clamp off the line.
- Do not bury the line.
- Warn others and quickly move a safe distance away.
- Do not operate any gas pipeline valves.
- Call 911 and Xcel Energy immediately at 1-800-895-2999 to report the gas emergency.



Review your emergency plan for natural gas pipeline contact.

Don't Risk It! Use a Spotter

A spotter helps you stay clear of overhead lines.



- No equipment operator working alone can safely judge the distance from the equipment to overhead power lines. Work with a spotter whose only responsibility is to keep you and your equipment a safe distance from overhead lines and other hazards.
- When a crane or other equipment hits an overhead power line, workers on the ground guiding the load are in the most danger. Electricity can travel through the tag line and through you.
- Don't risk injury or death by trying to guide a load and spot at the same time. Rely on a designated spotter to help keep you clear of power lines.

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To learn more about Worker safety and order training materials, visit www.xcelenergy.com/publicsafety/contractors.

Order Your FREE Electrical & Natural Gas Safety Training Materials

Kit is available in English and Spanish and includes:

20 Worker Beware Visor Cards*

This laminated visor card is kept in your vehicle as a quick reference for preventing accidents around power lines on the job site. It covers how to work safely around overhead and underground lines, and what to do in the event of a power line contact.

1 Worker Beware DVD which contains:

Worker Beware video: This video training tool contains the latest, utility-related safety information available and enhances our other program materials. The video is broken into manageable, scenario-specific training modules for your convenience.

Slide Show: This presentation is designed to enhance your safety meeting by introducing basic safety information to participants before viewing the video. It includes talking points to assist you with each slide.

Trainer's Guide: This comprehensive guide addresses everything you need to run an effective safety training session, such as learning preferences, room set-up tips, presenter's notes, and ideas for discussion and activities.



* Kit visor card differs from the one below in design but contains the same safety content.

FREE Safety Training Kit from Xcel Energy

1. Please check the language you would prefer: English Spanish Both
2. Additional visor cards? Please indicate how many by appropriate language: _____ English _____ Spanish
3. Where should we send your FREE safety materials?

Name: _____
Title: _____
Company: _____
Address: _____
City: _____ State: _____ Zip: _____
Phone: _____ Email: _____

4. Number of employees (including owner)
 - a. 0-5 b. 6-10 c. 11-20 d. 21-50 e. 51+
5. Years company has been in business:
 - a. 0-5 b. 6-10 c. 11-20 d. 21-50 e. 51+
6. Primary business activity (i.e., roofing, excavation, plumbing): _____

7. How will you use this safety training kit? (Circle all that apply)
 - a. Safety meeting b. Tagline meeting
 - c. New employee orientation d. Other (please explain)
8. Are there any specific issues you would like us to address in future safety materials?

Is there another language that would be beneficial to have the materials in?
English Kit #77000 Spanish Kit #78010 #617



Work Safely Around Electric & Gas Lines

5 Steps for Safe Excavation

1. Plan your job and pre-mark your dig area with white paint, flags, and/or stakes.
2. Call 811 several working days before you dig.
3. Wait the required time for utilities to locate and mark their lines.
4. Respect the marks when digging.
5. Dig with care and follow hand excavating rules.

Stay Safe Near Overhead Lines

- Be aware of power lines on your job site.
- Assume ALL lines are energized and potentially dangerous.
- Mark a safety boundary to keep workers and equipment at least 10 feet away from overhead power lines.*
- Use a dedicated spotter when operating heavy equipment.
- Do not try to guide a load and be a spotter at the same time.
- Know what to do if your equipment contacts a power line.

*Lines carrying more than 50,000 volts require clearances greater than 10 feet. Cranes and derricks used in construction may require clearances greater than 10 feet and encroachment precautions. Call your local utility for specific clearance requirements.

American Public Works Association Color Code for Locator Marks



- Electric Power Lines
- Gas, Oil, or Steam
- Communications Lines, Cables, or Conduit
- Temporary Survey Markings
- Potable Water
- Redlined Water, Irrigation, and Slurry Lines
- Proposed Excavation
- Sewer and Drain Lines

If you find an unmarked line, stop digging and call 811 immediately.



Know what's below.
Call before you dig.

Gas Leak Signs A gas leak may have a sulfur-like odor (but not always). Other signs may include a hissing or roaring sound, dirt spraying or blowing into the air, continual bubbling in water, and grass or plants dead or dying for no apparent reason.

If You Contact a Natural Gas Pipeline

- 1. Warn others and leave the area quickly.**
- 2. Do not use matches, cell phones, radios, or lighters,** as even a tiny spark could ignite the gas.
- 3. Do not operate any gas pipeline valves** or stop the flow of gas.
- 4. Leave the excavation open.**
- 5. Call 911 and the local natural gas utility immediately,** even if damage is a minor nick or scrape.
- 6. Stay away from the area** until safety officials say it is safe to return.
- 7. Report the incident to your supervisor.**

If Your Equipment Contacts a Power Line

- 1. Move equipment away from the line** if you can do so safely.
- 2. Stay on equipment** until utility workers signal you off.
- 3. Warn others away** from the line and anything it is touching.
- 4. Have someone call 911 and the local electric utility immediately.**
- 5. If fire forces you off,** jump clear without touching equipment, and the ground at the same time. Land with your feet together and shuffle away with small steps.

To report emergencies, call 911 and the local electric or gas utility immediately.

Xcel Energy Electric Emergencies: **800-895-1999**

Xcel Energy Gas Emergencies: **800-895-2999**



RESPONSIBLE BY NATURE™

www.xcelenergy.com/publicsafety/contractors

5 Steps for Safe Excavation

1. **Plan your job and pre-mark your dig area** with white paint, flags, and/or stakes.
2. **Call 811** several working days before you dig.
3. **Wait the required time** for utilities to locate and mark their lines.
4. **Respect the marks** when digging.
5. **Dig with care** and follow hand excavating rules.

Stay Safe Near Overhead Lines

- **Be aware of power lines** at your job site.
- **Assume ALL lines are energized and potentially dangerous.**
- **Mark a safety boundary** to keep workers and equipment at least 10 feet away from overhead power lines.*
- **Use a dedicated spotter** when operating heavy equipment.
- **Do not try to guide a load and be a spotter** at the same time.
- **Know what to do** if your equipment contacts a power line.

Lines carrying more than 50,000 volts require clearances greater than 10 feet. Cranes and derricks used in construction may require clearances greater than 10 feet and encroachment precautions. Call your local utility for specific clearance requirements.

American Public Works Association Color Code for Locator Marks

- | | | |
|---|---|---|
|  Electric Power Lines |  Gas, Oil, or Steam |  Communications Lines, Cables, or Conduit |
|  Temporary Survey Markings |  Potable Water |  Reclaimed Water, Irrigation, and Slurry Lines |
|  Proposed Excavation |  Sewer and Drain Lines | |

If you find an unmarked line, stop digging and call 811 immediately.



Know what's below.
Call before you dig.

**trabajador
este alerta®**

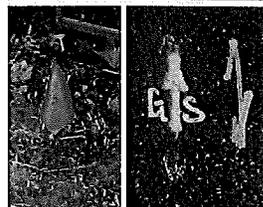
¡Trabaje de manera segura!

5 Pasos para una excavación segura Manténgase seguro cerca de las líneas aéreas

- 1. Planifique su obra y marque el área de excavación antes de empezar** con pintura blanca, banderas y/o estacas.
 - 2. Llame al 811** varios días antes de excavar.
 - 3. Espere el tiempo requerido** para que las compañías de servicios públicos localicen y marquen sus líneas.
 - 4. Respete las marcas** al excavar.
 - 5. Excave con cuidado** y siga las reglas de excavar a mano.
- **Esté alerta de las líneas eléctricas** en su sitio de trabajo.
 - **Asuma que TODAS las líneas tienen energía y son potencialmente peligrosas.**
 - **Marque límites de seguridad** para mantener a los trabajadores y al equipo *por lo menos a 10 pies (3 metros)* alejados de las líneas eléctricas aéreas.*
 - **Use un observador dedicado** cuando opere equipo pesado.
 - **No trate de guiar una carga y ser un observador** al mismo tiempo.
 - **Sepa qué hacer** si su equipo hace contacto con una línea eléctrica.

*Las líneas que transmiten más de 50,000 voltios requieren distancias de seguridad de más de 10 pies. Las grúas o las cabrias, cuando se usen en un sitio de construcción, pueden requerir distancias de seguridad superiores a los 10 pies (3 metros) y deben tomarse precauciones al invadir la zona de seguridad. Llame a su compañía de electricidad local para que le indiquen las distancias de seguridad específicas que se requieren.

Código de colores para las marcas localizadoras de American Public Works Association



- | | | |
|----------------------------------|------------------------------------|--|
| ■ Líneas de energía eléctrica | ■ Gas, petróleo o vapor | ■ Líneas, cables o conductos de comunicación |
| ■ Marcas topográficas temporales | ■ Agua potable | ■ Líneas de agua tratada, para riego y fangosa |
| □ Excavación propuesta | ■ Líneas de aguas negras y drenaje | |



Si encuentra una línea no marcada, detenga la excavación y llame de inmediato al 811.

**Determina lo que está bajo tierra.
Llama antes de excavar.**

trabajador este alerta® ¡En caso de emergencia!

¿Hizo contacto con una línea de servicio? Reporte aún daños menores a su supervisor.

Señales de una fuga de gas: Una fuga de gas puede tener un olor similar al azufre (pero no siempre). Otras señas incluyen un sonido silbante o rugido, tierra rociada o volando en el aire, burbujas continuas en el agua o plantas muertas o muriendo sin razón aparente.

Si hace contacto con una tubería de gas natural

1. **Advierta a los demás** y aléjese del área rápidamente.
2. **No encienda cerillos, no use teléfonos celulares, radios o encendedores**, ya que aún una chispa pequeña puede hacer estallar el gas.
3. **No opere ninguna válvula de la tubería de gas** o pare el flujo del gas.
4. **Deje la excavación abierta.**
5. **Llame al 911 y a la compañía de gas natural de inmediato**, aún si el daño es una muesca o un raspón pequeño.
6. **Manténgase alejado del área hasta** que los oficiales de seguridad indican que es seguro regresar al sitio.
7. **Reporte el incidente a su supervisor.**

Si su equipo hace contacto con una línea eléctrica

1. **Aleje el equipo de la línea** si lo puede hacer de manera segura.
2. **Manténgase sobre el equipo** hasta que los trabajadores de la compañía de electricidad le indiquen que puede bajarse.
3. **Advierta a los demás que deben mantenerse alejados** de la línea y de cualquier objeto que la esté tocando.
4. **Pídale a alguien a que llame al 911** y a la compañía de electricidad de inmediato.
5. **Si hay un incendio que le obliga a bajarse del equipo** salte lejos del él sin tocar el equipo y el suelo al mismo tiempo. Caiga con los dos pies juntos y aléjese del equipo arrastrando los pies y dando pasos pequeños.

Para informar de situaciones de emergencia, llame de inmediato al 911 y a la compañía local de electricidad o de gas natural.

Emergencias eléctricas de Xcel Energy: **800-895-1999**

Emergencias de gas de Xcel Energy: **800-895-2999**



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At Risk Third-Party Contractor – Online Website Information

Xcel Energy - Worker and First Responder Safety - Windows Internet Explorer provided by Xcel Energy

http://www.xcelenergy.com/Safety_Education/At_Home_&_Work/Natural_Gas_Safety/Worker_and_First_Responder_Safety

File Edit View Favorites Tools Help

Xcel Energy - Worker and First Responder Safety

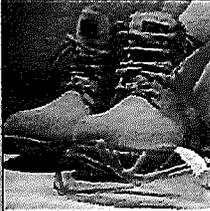
Colorado Contact Us Investor Relations My Account

Search: GO

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My Account Save Money & Energy Outages Safety & Education Environment Energy Partners About Us

Home > Safety & Education > At Home & Work > Natural Gas Safety > Worker and First Responder Safety



Worker and First Responder Safety

We want everyone to work safely around electricity and natural gas lines

As part of our public safety outreach programs, we provide workers access to **e-Smart Workers**, a website that has free interactive training tools and videos, including an ordering site to receive mailed material, all designed to help your work crew work safely. Learn vital information for keeping workers safe around energy lines. Know who and why to call before you dig. Understand locator marks and tolerance zones, and learn about the dangers of contacting overhead power lines. Videos are in English and Spanish.

Natural Gas Safety
Convenient, invisible

When a 911 operator receives a call reporting energy emergencies such as a downed power line, a natural gas smell inside a home or business or from an excavator who has damaged a gas or electric line, emergency responders from our local communities often can be first on scene.

Electric Safety
Appliance safety tips

We offer energy safety guidance to emergency responders to help them stay safe when they respond first to an Xcel Energy gas or electric emergency.

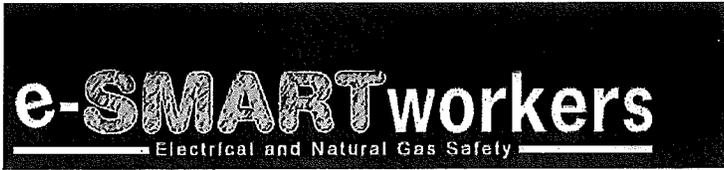
Other Safety
Safety issues

First Responder Beware is a website that helps first responders work safely in emergencies that involve electric and natural gas utilities.

Additional Resources

- [e-Smart Workers](#)
- [First Responder Beware](#)
- [Responding to Utility Emergencies](#)
- [Pipeline Association for Public Awareness](#)

Local intranet 100%



ES workers | ES trainers

Welcome!

Xcel Energy invites you to become an e-SMART worker. Check out our training tips, videos, and case studies. Each of these is designed to help you and your team work safely around electric and/or natural gas lines.



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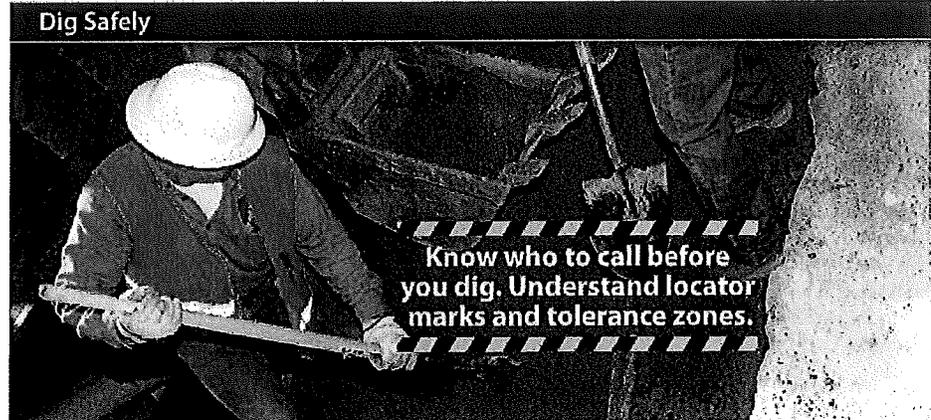
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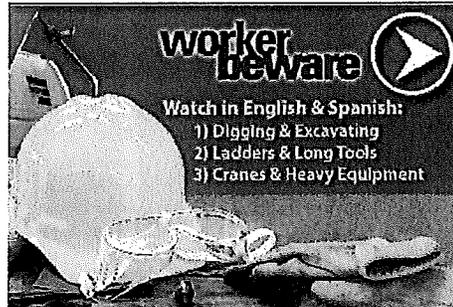
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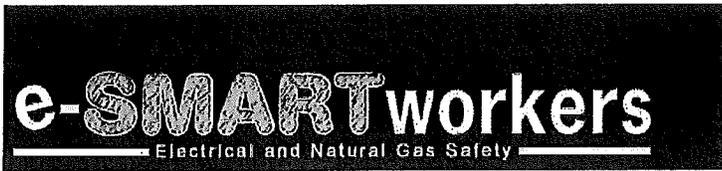


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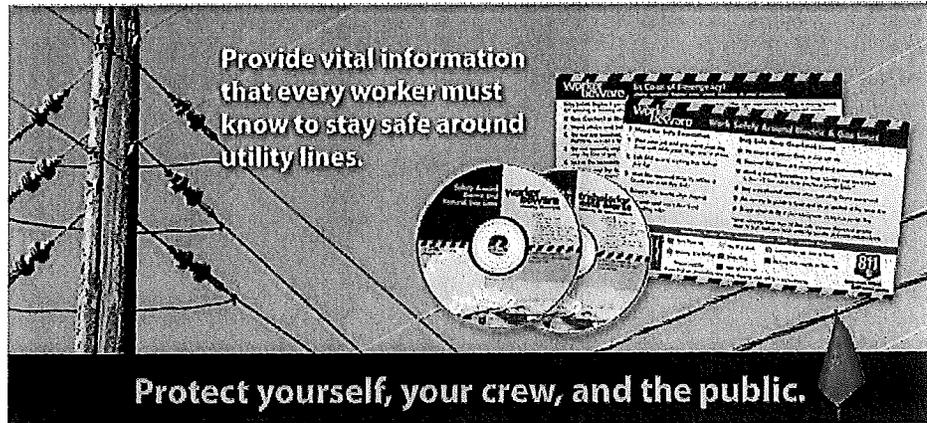


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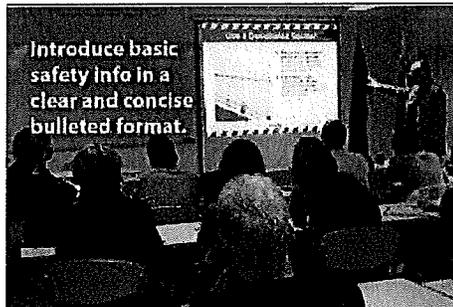
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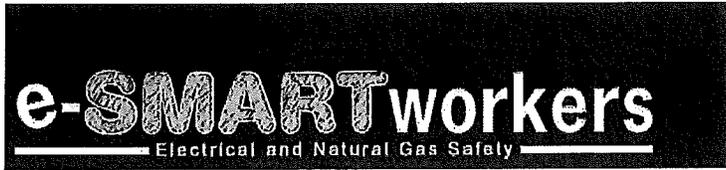


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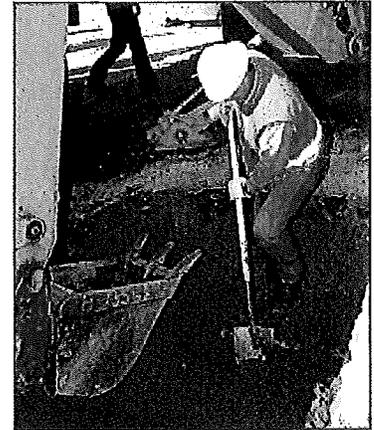
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Dig Safely and Prevent Utility Dig-Ins

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Utility contacts can be costly—and deadly. Underground utility contacts cost utility owners and contractors millions of dollars in repair and service disruption costs every year. Not only that, workers who contact buried utilities put themselves and the public at risk of injury or death. It's your responsibility to dig safely to protect yourself, your crew, and the public.



[Call Before Digging](#)

[Understand Locator Marks](#)

[Tolerance Zones](#)

[Hand Digging](#)

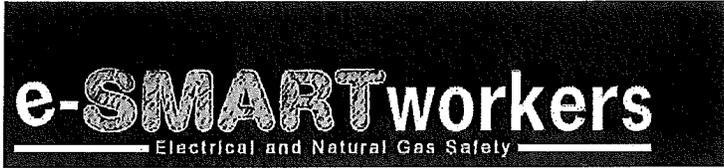
[Vacuum Technology](#)

[Trenchless Technology](#)

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Call Before Digging

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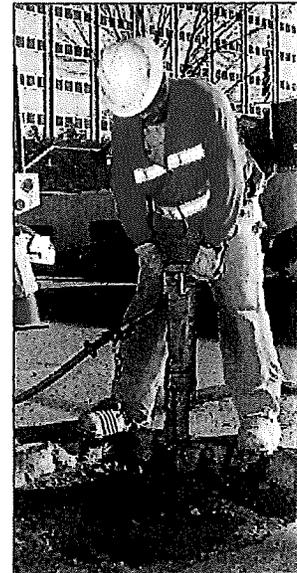
Always call 811 well in advance of digging. Call 811 before you dig, blast, bore, trench, drill, grade, or excavate in any way. They will arrange for marking of underground power lines and other utilities so you can keep your distance. White-line your proposed excavation route, so locators can more easily mark the affected utilities.

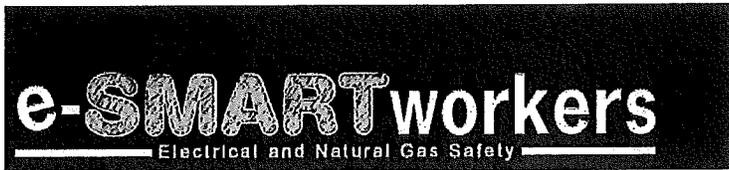
Never rely solely on your utility maps. Utility maps are not updated often, and the markings may be off. The one-call center has the most current, most accurate information about buried utilities.



**Know what's below.
Call before you dig.**

Call 811 well ahead of digging, so underground utilities can be marked and you can work safely.





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Understand Locator Marks

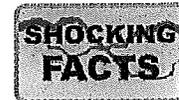
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Utility locator markings protect you. Make sure you and your crew know how to read utility locator markings and know the American Public Works Association (APWA) uniform color code for marking underground utilities. Color code charts are usually available from your local one-call utility locator service.

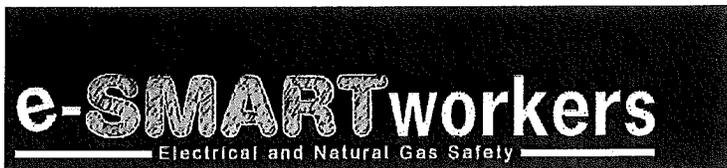
Locator flags are placed within paint marks. If you find flags outside the borders of locator markings, someone may have tampered with them. Contact your local one-call utility locator service.



APWA Color Codes:

-  Electric Power Lines
-  Gas, Oil, or Steam
-  Communication Lines, Cables, or Conduit
-  Potable Water
-  Reclaimed Water, Irrigation, and Slurry Lines
-  Sewers and Drain Lines
-  Temporary Survey Markings
-  Proposed Excavation

Utility locator markings protect you from injury and prevent damage to underground utilities. Make sure you and your crew know how to read them.



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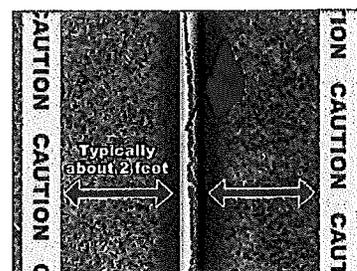
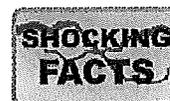
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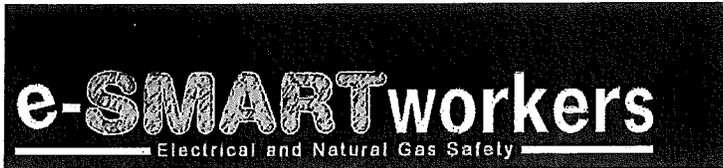
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The tolerance zone protects buried utilities. The tolerance zone is the width of an underground utility plus a specified tolerance distance on both sides of that utility. Do not use power-digging equipment within this zone. The zone provides a margin of error in case the locator marks are slightly off. It also provides a buffer zone to prevent damage resulting from nearby excavation.

The tolerance zone also protects you. If you do not respect the tolerance zone, you risk contacting buried utilities. You also risk damaging them indirectly by removing supporting soil, which could cause the utility to bend or break. You could be injured or killed, and your company could be liable for any damages that occur.

To avoid damaging buried utilities, do not power dig within the tolerance zone. Hand dig or use vacuum technology instead.





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Check utility depth for yourself.

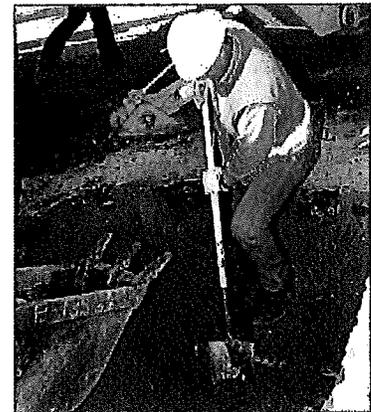
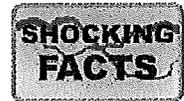
Before you can safely cross or work close to an underground utility, you must first verify its depth. Flags and locator marks tell you the direction the utility is running, but not how deeply it is buried. The only way to be sure of utility depth is to carefully expose it and see for yourself.

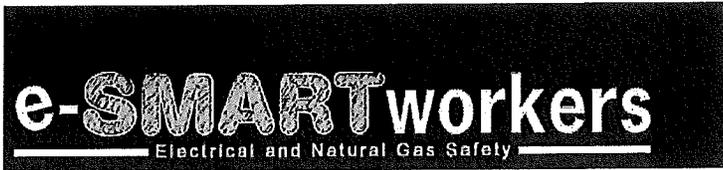
Proper hand-digging tools and techniques will protect both you and the utility:

Use a blunt-nosed shovel to loosen the soil, and a regular shovel to remove it. Do not use a pickax or a pointed spade. Do not stab at the soil or stomp on the shovel with both feet.

Work with a gentle prying action and dig at an angle, so the shovel will slide along the surface of the wire, conduit, or pipe. Or, dig to the depth where you expect the utility to be, but off to the side. Then use a prying motion to break away soil as you approach the utility laterally.

Use proper hand-digging tools and techniques to safely verify the depth of any buried utilities you must cross or work near.





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Call the one-call utility locator service. If you are planning to use directional drilling, contact your local one-call utility locator service well ahead of the job. Let them know about the equipment you will be using, and ask them to space locator marks closer together. This will help you see if the utility's path shifts or turns suddenly.



Know what's below.
Call before you dig.

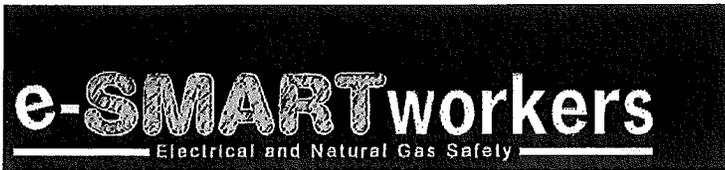


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Dig potholes so you can safely monitor the drill head. A buried drill head makes it impossible to tell how close you really are to an existing utility. This makes it especially important to manually expose the line and watch as the drill string passes through. Keep a margin of safety by planning the bore to be a minimum distance of 36 inches from the utility. Watch the drill head cross during the initial bore and also during backreaming to ensure this minimum distance is maintained.

Calibrate the bore head and locating device at the start of each job. Remember, the locating device can monitor the bore head on the initial pass, but may not be able to monitor the backream head.

Stay at least three feet away when boring parallel to buried utilities. Pothole utilities so you can monitor the bore head path and visually verify a safe distance.



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If You Contact a Utility

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There's no such thing as minor damage to utilities. What looks like a small nick in a gas, sewer, electricity, or water line can result in a major health and fire hazard to the surrounding neighborhood. And damaged phone lines or fiber optic cables can disrupt 911 emergency service.

Never bury a damaged utility. Trying to cover up an accident can be dangerous, and can lead to costly damages or criminal charges against you and your company. Take the following steps instead.

In case of electrical contact:

If you can do so safely, move the equipment away from the line.

Stay on the equipment until utility workers say it is safe to get off.

Warn others away. Anyone who touches the equipment or even the ground nearby may be injured or killed.

Have someone call 911 and the local electric utility immediately.

If fire or other danger forces you off, jump clear, keeping both feet together and without touching the ground and the equipment at the same time. Shuffle away with small steps, keeping your feet close together and on the ground. Or, hop away on two feet, keeping both feet together.

In case of gas pipeline contact:

Warn others and evacuate the area immediately.

Do not use matches, cell phones, radios, or lighters, as even a tiny spark could ignite the gas.

Leave the excavation open. Do not operate pipeline valves or bury the line.

Call 911 and the local gas utility immediately.

Stay away from the area until safety officials say it is safe to return.

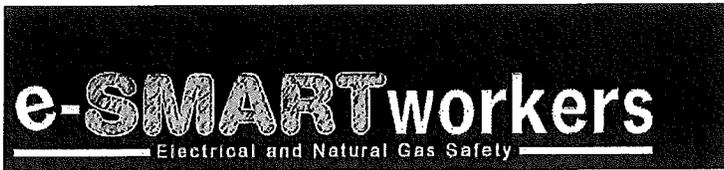
If you accidentally contact a gas line, immediately call 911 and the local natural gas utility.

In the event of any type of utility contact, take appropriate safety steps and notify your supervisor and the utility immediately.



Learn the warning signs of a gas pipeline leak.

- A distinctive, sulfur-like odor
- A hissing or roaring sound
- Dirt spraying or blowing into the air
- Continual bubbling in water
- Grass/plants dead or dying for no apparent reason



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Look Up and Live—Power Line Safety

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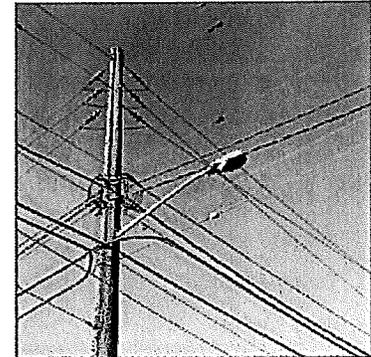
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Contacting an overhead power line could cost you your life.

Overhead power lines are not insulated. So if you touch one with your body, your equipment, or your tools, you or someone you work with could die. Everyone who works near power lines is at risk, whether you operate heavy equipment or use ladders and handheld tools. It's up to you to work safely to protect yourself, your crew, and the public.



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[Make a Safety Boundary](#)

[Use a Dedicated Spotter](#)

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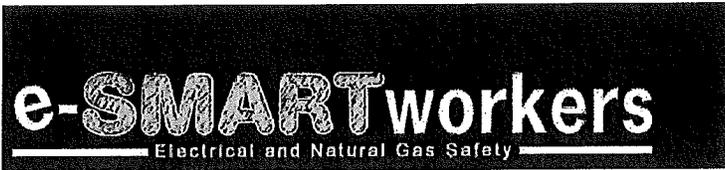
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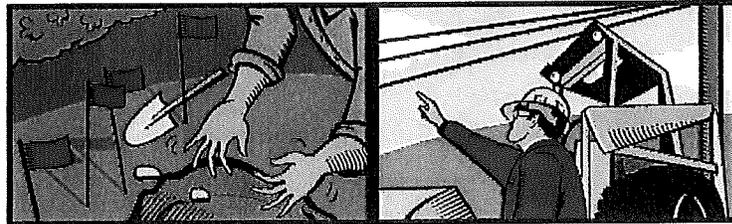
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Are You Living Dangerously on the Job?



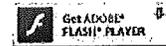
How safe are you *really* around electricity and natural gas? Take our quiz and find out. Click on the answer that best describes how you would typically respond to each situation on the job. Then check our links page to learn more.

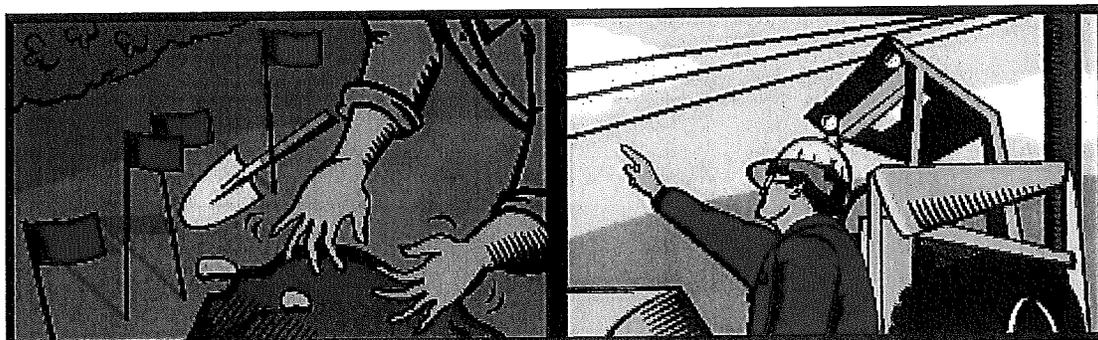
Want to take this quiz on paper?

[Click here](#) to open up a printable PDF version of the training quiz.

START

The online quiz requires the Adobe Flash Player. If you don't see the flashing start button above, please [download the latest version of the player](#) from Adobe's website.





Are You Living Dangerously On The Job? Contractor Training Quiz

How safe are you really around electricity and natural gas? Take this quiz and find out. For each question, circle the answer that best describes how you would typically respond to each situation on the job. (Answers are on a separate sheet.)

- 1. You arrive at an excavation job to find there are no utility locator marks. Your co-worker assures you the one-call utility locator service was contacted. What do you do?**
 - A. Go ahead and start the work. The job has to be done today.
 - B. Ask your boss to call the utility locator service again. Ask for a new assignment until the utilities are marked.
 - C. Hand dig until you find some utilities yourself. Then excavate around them with your heavy equipment.
- 2. The path of underground utilities has been marked. Your boss asks you to hand dig to expose the utilities and confirm their depth. What do you do?**
 - A. Use a blunt trenching tool and carefully pry away dirt to expose utilities and confirm their depth before beginning excavation.
 - B. Use a pick to hand dig and expose the utilities.
 - C. Borrow an electric post-hole digger to expose utilities.
- 3. During a digging job you nick an underground natural gas pipeline. What do you do?**
 - A. Patch the nick with duct tape and backfill the hole with dirt.
 - B. Leave the hole open. Call the utility and inform your supervisor.
 - C. Ignore the hit. Maybe no one will notice.

- 4. Your excavation company uses trenchless technology. What needs to happen at the start of every new job?**
- A. The drill rig has a utility strike alarm that senses the magnetic field around buried power lines, so your company doesn't need to notify anyone that you'll be working around power lines.
 - B. You need to level the job site before work can begin.
 - C. Your company must notify the one-call utility locator service at 811 at least two or three business days before work will begin (depending on your state's requirements) so they can arrange to mark the location of buried utilities.
- 5. You are operating heavy equipment that contacts an overhead line. What do you do?**
- A. Get off the equipment as quickly as possible. Run away.
 - B. Stay put. Warn others away. Have someone call the utility.
 - C. Knock the wire down so it's not touching the equipment.
- 6. You are painting a building exterior and you need to position an extension ladder closer than 10 feet from a 15,000-volt power line. What do you do?**
- A. Make sure no one is looking and just try to stay away from the line. Don't forget to duck.
 - B. Ask your employer to call the utility and find out what safety measures can be taken.
 - C. Designate a spotter to make sure you don't bump into the power line.
- 7. You will be working with ladders, scaffolding, and long handheld tools on a construction site that has a 115,000-volt power line running through it. You need to keep your crew a safe distance from the line. What do you do?**
- A. Don't worry about it. The really high-voltage lines are insulated.
 - B. Establish a 10-foot safety clearance boundary and keep everyone away.
 - C. The required clearance for power lines with more than 50,000 volts is greater than 10 feet. Contact the electric utility to learn the clearance and for safety suggestions.
- 8. A motor vehicle accident near your job site causes a power line to come down on the car involved. What do you do?**
- A. Quickly run to the car and get the people out.
 - B. Notify 911 and the utility of the accident and the power line being down. Keep others away until it is safe to help.
 - C. Grab the power line and pull it off the car. Then it will be safe to help the accident victims.

**Are You Living Dangerously On The Job?
Contractor Training Quiz
Answers**

1. B

2. A

3. B

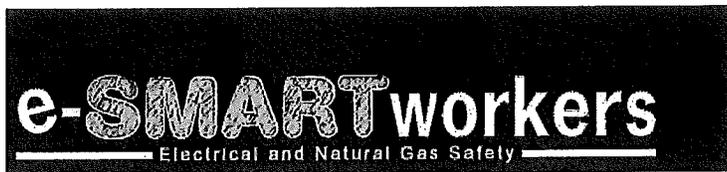
4. C

5. B

6. B

7. C

8. B



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Case Studies—Learn from These Mistakes

Take a lesson from these unfortunate true stories about job site mistakes. The "Don't do what they did!" links will take you to relevant safety information on this site, so you can prevent similar tragedies.

A Man in a Hurry

A Missouri contractor who called before digging hit a 6-inch high-pressure gas line in an industrial park. He was told the gas company would be locating a line at the site, but he began digging *the day before* the date set for marking. The line was capped within two hours of the accident, and fortunately there were no injuries or damage. (Source: Underground Focus magazine)

[Don't do what he did!](#)



Underground Lines Can Surprise You

A 20-year-old plumber's apprentice began to jackhammer some concrete, *not knowing that a power line lay just beneath him*. The jackhammer bit into the line and thousands of volts of electricity surged through his body. The current exploded out the back of his head and shoulder and through his foot, taking two toes with it and burning away part of both knee joints. He spent several months in the hospital healing from burns and it took him two years to learn to walk again. The young man went on to become an Olympic kayaker and competed at the 2000 games in Sydney, Australia, where he was the flag bearer for the U.S. team. (Source: Cliff Meidl)

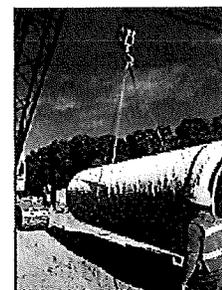
[Don't do what he did!](#)



Don't Do Double Duty as Spotter and Ground Rigger

A crane operator was putting up steel beams for a building annex. His brother-in-law was acting as both spotter and ground rigger, attaching the steel beams to the crane. A high-voltage line ran by the job site. The crane operator reminded the younger man to help him keep the crane at least 15 feet* from the line, but something went wrong. The brother-in-law signaled the crane to get too close to the line, and when he grabbed the crane cable to attach a steel beam, he was electrocuted. *Today, per OSHA regulations, this clearance would be 20 feet. (Source: Contractor Beware video)

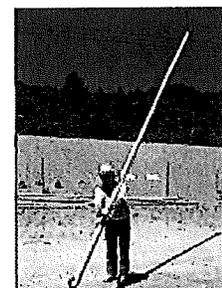
[Don't do what they did!](#)



Watch Those Irrigation Pipes

A 19-year-old apprentice nurseryman was fatally electrocuted while installing a sprinkler irrigation system. He apparently *lifted up a long aluminum pipe, and it contacted an overhead power line 28 feet off the ground*. The young man received a shock of 22,000 volts of electricity. He was knocked to the ground and dropped the pipe. He told his co-workers that he was okay, and got up. However, he then staggered for about 25 feet before he collapsed and died. (Source: Victoria Department of Labour, Occupational Health and Safety Division)

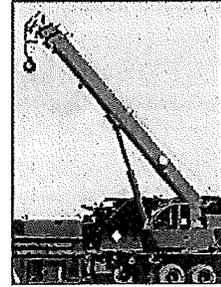
[Don't do what he did!](#)



A Spotter Could Have Saved Them

A truck driver and his employer (the company president) were electrocuted when the boom of a truck-mounted crane contacted a 7,200-volt power line. The driver was operating the crane by a handheld remote-control unit and was unloading a cube of concrete blocks. *While the driver, the company president, and a masonry contractor were focused on watching the blocks*, the tip of the crane boom contacted the overhead power line and completed a path to ground through the truck, the remote control unit, and the driver. The company president tried to help and apparently contacted the truck, completing a path to ground through his body. He died on the scene. The truck driver later died at the hospital. (Source: National Institute of Occupational Safety and Health)

Don't do what they did!

**Don't Become a Victim by Helping**

A 46-year-old man was electrocuted on a tree-trimming job. The accident occurred as a hydraulic bucket came into contact with a 7,620-volt line. A worker noticed that a tire on the bucket truck was burning, attempted to move the truck, and was shocked. He was not able to let go of the door handle. The 46-year-old was electrocuted when he tried to free the worker from the door handle. (Source: St. Joseph News-Press)

Don't do what he did!

**Always Call 911 After a Utility Hit**

A Minnesota contractor severed a buried natural gas pipeline with digging equipment. He reported the leak to his supervisor, but not to 911 or the local utility company. Within about 40 minutes, gas migrated into a nearby building and exploded, killing four people, injuring eleven, and destroying six buildings. (Source: National Transportation Safety Board)

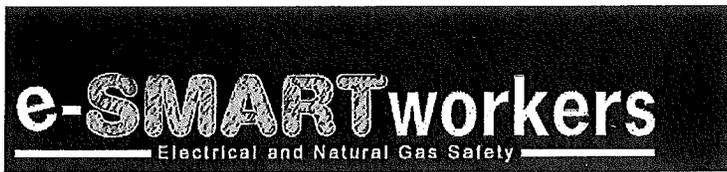
Don't do what he did!

**If You Smell Gas, Get Out Fast**

A 39-year-old Canadian woman refused to leave her home despite a gas line rupture and was killed when the gas exploded. The woman's husband had hit a buried natural gas line while digging footings for a room addition. He went into the house and warned his wife of the gas leak, but she assured him she was safe. The man went back outside to wait for repair technicians to arrive. The explosion knocked the man down, and he was dragged away from the flames by a friend. The woman died in the fire. (Source: Alberta.com news report)

Don't do what she did!





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Trainer's Guides

This comprehensive guide addresses everything you need to run an effective safety training session, such as learning preferences, room setup tips, a pre- and post-quiz, and ideas for discussion and activities. (To download Adobe Reader click the icon below.)

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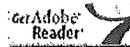
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Contractor Beware[®]

Electric and Natural Gas Safety Trainer's Guide

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Introduction

The *Contractor Beware* training program from Xcel Energy is designed to provide contractors with information that will assist them in working safely around overhead and underground power lines and near natural gas pipelines.

This trainer's guide will help you make the most of the *Contractor Beware* program. It contains five sections:

- **Know Your Audience.** An overview of contractors' learning preferences.
- **Utility Basics.** Information on how electricity and natural gas work and some terms to know.
- **Plan Your Session.** Tips for preparing an effective training session.
- **Your Five-Step Training for Survival.** Step-by-step training guidance.
- **Before and After Quiz.** Reproducible utility safety quiz to help trainers and participants evaluate the program's impact.

Section One: Know Your Audience

Understanding how contractors learn best will help you tailor your training session to this unique audience. Take into consideration the following:

- **Contractors are very focused on working efficiently.** Contractors may face pressure to cut corners where safety is concerned in the interest of saving time and money. Acknowledging this from the start—and cautioning against it—will put you all on the same page.
- **Contractors tend to be action-oriented learners** who do best when given an opportunity to practice and repeat recommended behaviors.
- **Contractors prefer practical (rather than theoretical) information.** Keep the focus on real-life situations.

Section Two: Utility Basics

This section will help you answer questions about electricity and natural gas from session participants.

What Is Electricity?

Electricity results from the flow of electrons between atoms that occurs when atoms carry different charges. Electrons are negatively charged, and flow to positively charged atoms until the charge is level or neutral.

- The flow of electrons is called **current**.
- The force propelling the flow of electrons is measured in **voltage**, or volts for short.
- The rate at which electricity moves is called **amperes**, or **amps** for short.
- When an object or substance limits the flow of current, this property is called **resistance**. Resistance is measured in **ohms**.
- Materials with a high level of resistance are called **insulators**. Common insulators include plastics, rubber, and air. These materials do not allow electricity to pass through them easily; however, even insulators can conduct electricity under certain conditions.

- Materials with a low level of resistance are called **conductors**. Common conductors include water, most metals, and the human body. Electricity can pass easily through these materials under almost all conditions.

The Electricity Distribution System

Electricity is generated at power plants. A thick coil of wire spins inside giant magnets at the plant, moving the electrons in the wire and making electricity flow.

Wires on tall transmission towers carry high-voltage electricity from power plants to substations, where the voltage is reduced. From substations, electricity travels on smaller wires that branch out down streets, either overhead or underground.

Overhead and underground power lines carry electricity to transformers on poles or on the ground, where the voltage is reduced again to a level that is safe for typical use. From transformers, electricity travels into buildings through service drop wires. These connect to the meter and to all the wires that run inside walls to outlets and switches.

Note that electric-line workers receive extensive training and are experts in handling power lines. They also have special equipment for handling electric infrastructure. Contractors should understand that even with training, their understanding of electricity is basic.

What Is Natural Gas?

Natural gas, like petroleum, is a fossil fuel. It is found in pockets deep underground, and is harvested by drilling. Here are some basic properties of natural gas:

- Natural gas ignites at about the temperature at which a cigarette burns.
- Natural gas burns within a specific concentration range: between approximately 4% and 16% gas to air. At the ideal 10% concentration, natural gas burns cleanly.
- Natural gas is lighter than air. Whenever possible, it will rise. If contained, it will move laterally or **migrate**, seeking an upward path, and it will follow the path of least resistance.
- Natural gas is odorless. Its distinctive, sulfur-like odor is the result of chemical odorants added so you can detect even small amounts of escaping gas. Gas that has been treated with these chemicals is **odorized**; however, certain weather conditions can strip the odorant from the natural gas.
- Many natural gas transmission companies do not odorize natural gas transmission lines.
- Natural gas is nontoxic.

The Natural Gas Distribution System

To harness and transmit natural gas, we use millions of miles of pipes. There are three types of pipes used in the system: transmission pipelines, main lines, and service lines.

Transmission pipelines move natural gas from refining plants across long distances. (In some cases, natural gas in transmission lines has not yet been treated with odorants, and thus may have no smell.) Main lines carry natural gas from transmission pipelines into residential and commercial areas where it will be used. Service lines bring natural gas from main lines to individual structures.

Pressure, created at various points along the lines, moves the gas through the pipes. The size of natural gas lines varies greatly from 1 inch to 4 feet in diameter; the pressure can vary from ¼ pound per square inch to 1000 pounds per square inch. The size of a gas line is NOT a reliable indicator of the internal pressure.

Section Three: Plan Your Session

A well organized, informed instructor will gain participants' respect and be far more effective. Below are some recommendations to help you prepare for the utility safety training session with confidence.

Know Your Material

Always preview the materials before showing them to session participants. Gathering information in advance can be useful and make the training materials more relevant. Review all the materials and rehearse your presentation well before the session.

Make the Material Relevant

Identify the key situations that contractors in your training session may encounter, and focus the group's attention on these topics during training:

- **What job site situations** bring them close to overhead power lines?
- **What type of long or tall equipment do they use** that might come into contact with overhead power lines?
- **What type of digging activities** might bring them close to underground power lines and/or natural gas lines?
- **What utility hazards** have participants encountered in the past? Recently?

Tailor the Session to the Training Space, Audience Size, and Allotted Time

Remember that contractors are hands-on, action-oriented learners. The session will need to include opportunities to simulate recommended practices and to discuss potential applications of the material. Room size and arrangement can have a measurable impact on the participation level. Consider:

- **Will all materials be visible** to all participants, or do you need additional space or equipment?
- **Are the seats arranged in a way** that will foster discussion?
- **Is there adequate space** for participants to conduct simulations?
- **Is there adequate lighting** for all participants to see the instructor and materials and to take notes if necessary?
- **Will everyone be able to hear?**

Just as room and audience size can impact the effectiveness of training, so can session time. No one learns well sitting for long periods. On the other hand, cramming too much information into a short session can reduce retention. Plan your session to allow time for discussions and simulations. If there is not time for all the materials, consider which ones will be most effective for these participants.

Section Four: Your Five-Step Training for Survival

Follow these steps for a high-impact meeting that will keep participants involved and reinforce essential safety information:

1) Advertise the meeting.

Post a notice well in advance of the meeting in a highly visible location.

2) Pass a sign-in sheet.

Keep attendance records of all safety meetings. Someday you may have to show who attended the meeting, what the session covered, and when it was held.

3) Offer an overview.

Tell participants what you will cover in the meeting and what you hope they will learn. This is a good time to convey the importance of this information—that it can help protect contractors, their co-workers, and the public from utility-related injury or death.

4) Present the Contractor Beware materials.

Discuss the utility safety information in these materials and the electric and natural gas emergencies participants might encounter. Review these vital safety tips with participants periodically to refresh their memories.

5) Conduct a discussion.

Participants will retain more information if they get involved in a discussion:

- **Remind participants of the circumstances of any recent power line or natural gas line contacts** in your region. Discuss how information in the materials is relevant to those incidents.
- **Stress the importance of contractors keeping themselves, their tools, their equipment, and their vehicles the required distances away from overhead power lines.**
 - **When cranes or derricks are used in construction:** Keep the crane boom and load *at least* 20 feet away from the line if you don't know the line's voltage. Always assume the line is energized, and allow nothing closer than 20 feet unless you have confirmed with the utility owner/operator that the line has been deenergized.
 - **For tools and equipment other than cranes and derricks used in construction:** OSHA requires at least 10 feet of clearance from power lines carrying up to 50 kV.
 - **As voltage increases, clearance distances also increase.** Contact Xcel Energy and consult the OSHA regulations at www.osha.gov for specific safety clearance requirements.

Discuss how these rules apply to them and situations they may encounter.

- **Review the proper “Call 811 Before You Dig” procedures and the utility color code.** Discuss why following the law and allowing extra time for a utility locate can save time and money in the long run. Discuss additional safety measures, such as asking the property owner about underground lines.

- **Invite participants to ask questions** about the materials and the safety procedures they outline. If they have questions you can't answer, research the answers yourself, and provide that information as soon as possible.
- **Ask participants to brainstorm a list of key safety issues** identified in the materials. Review these key issues and discuss incidents that resulted when related safety precautions were ignored. What were the consequences?
- **Ask each participant to name one thing he or she learned** from the materials or discussion that will help him or her be safer in the future.

Remember that discussions are intended to reinforce proper behavior—NOT to call out or embarrass participants. Maintain a cooperative, supportive atmosphere at all times, and encourage participants to ask questions and provide feedback.

Section Five: Utility Safety Quiz

The quiz on the next page is intended to help instructors and participants assess the program's effectiveness. Administer it before beginning the training, and ask participants to record their answers in the "Before" column. Then administer it again at the end of the session and ask participants to list answers in the "After" column. The quiz is designed for two-sided photocopying.

Contractor Beware Utility Safety Quiz Answers:

1. C
2. D
3. B
4. D
5. D
6. A
7. B
8. D
9. D
10. A

Name: _____

Date: _____

Contractor Beware Utility Safety Quiz

Before

After

_____ **1. For tools and equipment other than cranes or derricks used in construction, what is the *minimum* safe clearance from overhead power lines?** _____

- A. 6 inches
- B. 100 feet
- C. 10 feet
- D. 5 feet

_____ **2. If you suspect a natural gas leak, you should:** _____

- A. Bury your excavation
- B. Use your cell phone or radio
- C. Attempt to shut off the gas supply
- D. None of the above

_____ **3. If you must work closer than the safe clearance distance from overhead power lines, which of the following should you do?** _____

- A. Attempt to disconnect electrical service
- B. Call Xcel Energy in advance to make arrangements
- C. Evacuate nearby homes
- D. Both A and C

_____ **4. What does the law require that you do to determine the location of underground utility lines on a job site?** _____

- A. Look for right-of-way markers
- B. Check your maps
- C. Ask the property owner
- D. Call 811 before you dig

_____ **5. How should you assist a co-worker who contacts a power line while operating heavy equipment?** _____

- A. Call 911 and Xcel Energy
- B. Encourage him/her to stay on the equipment until Xcel Energy personnel arrive
- C. If there is danger from fire or another hazard, tell him/her to jump clear of the equipment, keeping both feet together, and without touching the ground and the equipment at the same time
- D. All of the above

Contractor Beware Utility Safety Quiz, p. 2

_____ **6. True or false? Before digging, you should ask the property owner about any private underground lines that may not be marked by the locator.** _____

- A. True
- B. False

_____ **7. What is the job of a spotter?** _____

- A. To stabilize a load
- B. To prevent equipment from contacting power lines
- C. Both A and B
- D. None of the above

_____ **8. Which of the following is a warning sign of a natural gas leak?** _____

- A. A distinctive, sulfur-like odor
- B. Bubbling in water
- C. A hissing or roaring sound
- D. All of the above

_____ **9. If your heavy equipment contacts a power line and you are not in imminent danger, you should:** _____

- A. Move the heavy equipment away from the line if possible
- B. Stay on the equipment and warn others to keep away
- C. Have someone contact 911 and Xcel Energy
- D. All of the above

_____ **10. True or false? You cannot be shocked by a service drop wire.** _____

- A. False
- B. True

First Responders

Xcel Energy - Worker and First Responder Safety - Windows Internet Explorer provided by Xcel Energy

http://www.xcelenergy.com/Safety_Education/At_Home_Work/Natural_Gas_Safety/Worker_and_First_Responder_Safety

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Home > Safety & Education > At Home & Work > Natural Gas Safety > Worker and First Responder Safety



Worker and First Responder Safety

We want everyone to work safely around electricity and natural gas lines

As part of our public safety outreach programs, we provide workers access to **e-Smart Workers**, a website that has free interactive training tools and videos, including an ordering site to receive mailed material, all designed to help your work crew work safely. Learn vital information for keeping workers safe around energy lines. Know who and why to call before you dig. Understand locator marks and tolerance zones, and learn about the dangers of contacting overhead power lines. Videos are in English and Spanish.

Natural Gas Safety
Convenient, invisible

When a 911 operator receives a call reporting energy emergencies such as a downed power line, a natural gas smell inside a home or business or from an excavator who has damaged a gas or electric line, emergency responders from our local communities often can be first on scene.

Electric Safety
Appliance safety tips

We offer energy safety guidance to emergency responders to help them stay safe when they respond first to an Xcel Energy gas or electric emergency.

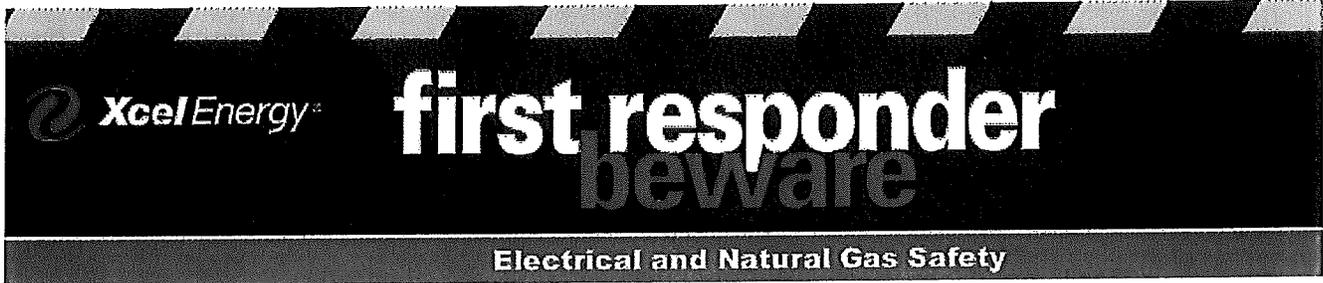
Other Safety
Safety issues

First Responder Beware is a website that helps first responders work safely in emergencies that involve electric and natural gas utilities.

Additional Resources

- [e-Smart Workers](#)
- [First Responder Beware](#)
- [Responding to Utility Emergencies](#)
- [Pipeline Association for Public Awareness](#)

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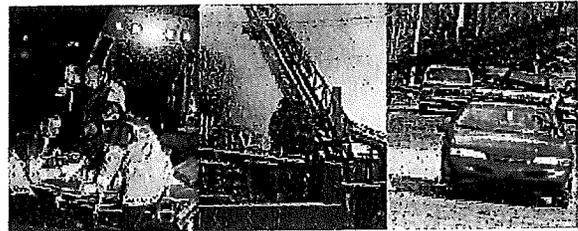
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Welcome to the *First Responder Beware* safety resource website, a project of Xcel Energy.

Our goal is to help first responders work safely in emergencies where electric and natural gas utilities are involved.



- **Are you responsible for first responder safety trainings?** Order [free safety materials](#).
- **Are you interested in on-line training?** Visit [responding to utility emergencies](#).
- **Interested in utility-specific safety tips?** Visit our [advanced safety pages](#) and explore [interactive training tools](#).
- **Would you like to give us some feedback?** Complete our [online survey](#).

Thank you for visiting. Please share this site with others in your department.

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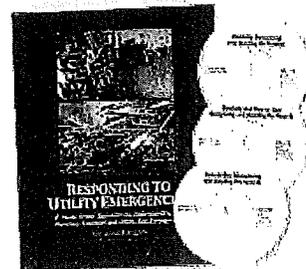
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Order Your Free Safety Training Materials

To help you teach first responders how to work safely around electric and gas utility equipment, we're pleased to offer you a FREE *First Responder Beware* safety training kit:



- **Books: "Responding to Utility Emergencies"**

The Responding to Utility Emergencies book provides first responders, firefighters, police officers and other emergency personnel with a common-sense approach towards handling utility emergencies. It applies response principles learned and developed from countless case histories. The book includes information on everything from the fundamentals of electrical and natural gas distribution to emergency site assessment and tactical control of the scene.

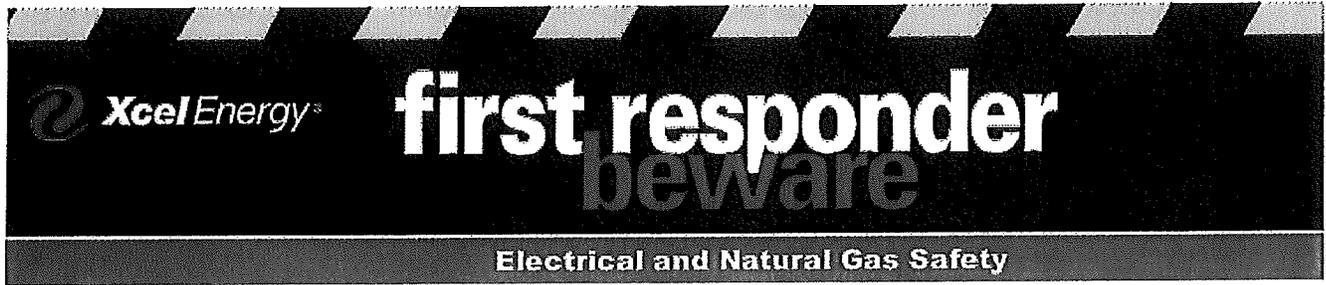
- **DVD: AEGIS "Recognizing and Avoiding the Hazards"**

Depending on your service area, you will receive either Natural Gas, Electric or Combo.

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City:

State:

Zip:

Name of person in charge of safety training at your organization:

Name:

Title:

Telephone Number:

Email:

Nature of organization (i.e. police, fire, EMS):

How do you plan to use these safety materials? (Check all that apply)

- Safety meeting
- New recruit training

Other (explain)

How likely is your organization to use each of the following safety materials?

- | | Would Use | Might Use | Wouldn't Use |
|-------------|-----------------------|-----------------------|-----------------------|
| a. DVDs | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> |
| b. Booklets | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> |

c. Slide show

Do you have any other comments about our materials or the program?

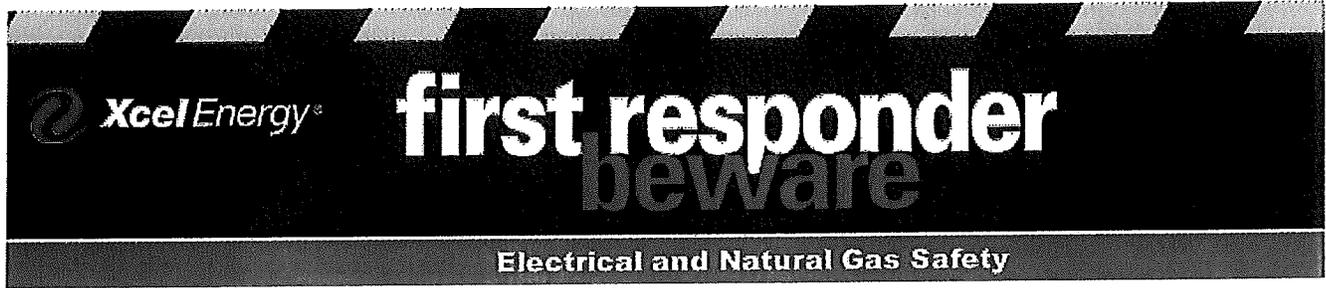
Are you an Xcel Energy employee: No Yes

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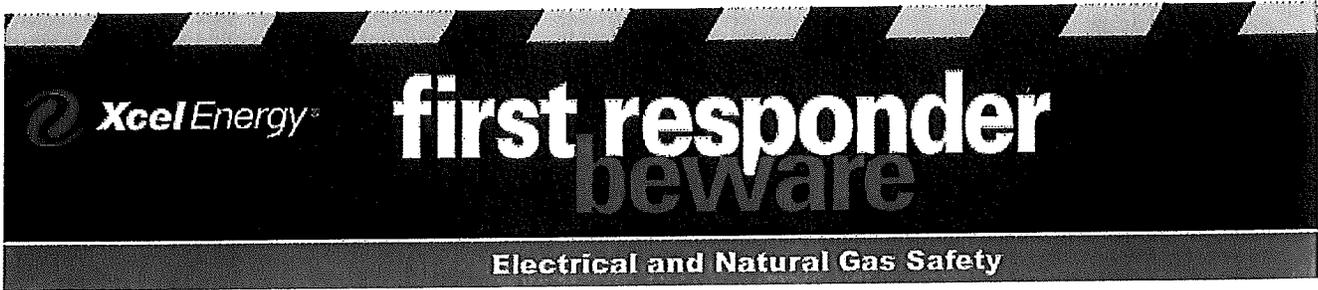
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On-line Resource Training, *Responding to Utility Emergencies*

Please use our NEW online tool designed for firefighters, law enforcement, and all emergency responders. *Responding to Utility Emergencies* provides community emergency responders with valuable guidance that helps protect lives when a utility emergency occurs.

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Firefighters, police, and EMTs are typically first on the scene in an emergency and face the greatest risk from electrical contacts, natural gas leaks, and fires. Understanding the potential dangers and learning how to deal with them correctly makes everyone safer.



This website and the information in the *First Responder Beware* materials are designed to supplement, not replace, your department's standard operating procedures (SOPs).

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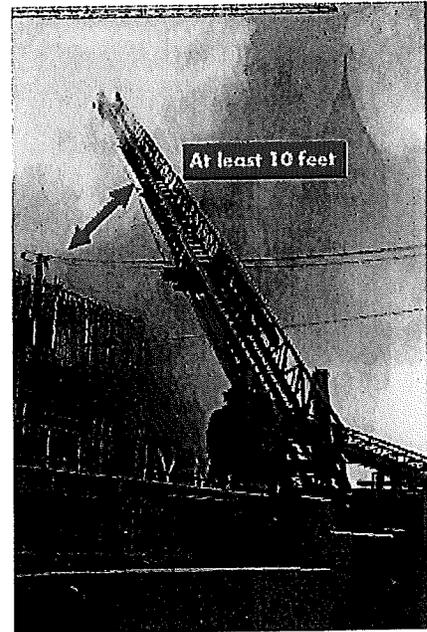
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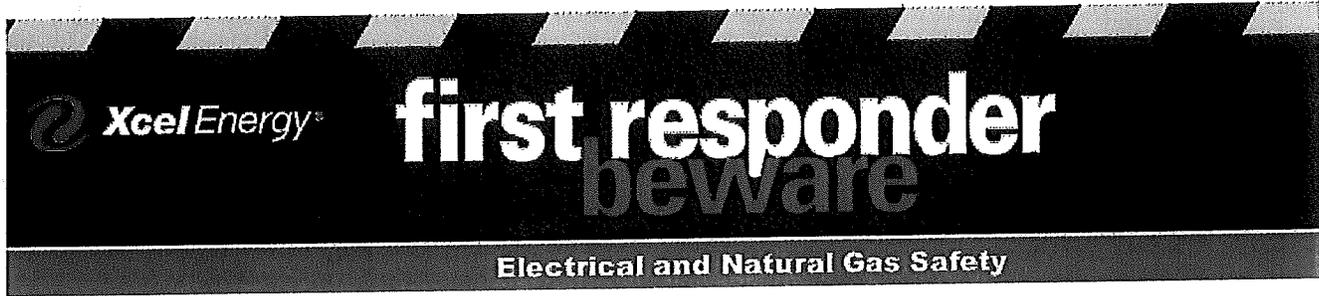
Overhead Line Safety

- Assume *all* lines are energized and potentially dangerous.
- Keep personnel and equipment *at least 10 feet from overhead lines at all times*. Consider how close aerial equipment will be when fully extended, and use a spotter to monitor placement.
- OSHA requires **greater than 10 feet of clearance from lines that are over 50,000 volts**. For example, the minimum clearance for a 500,000-volt line is 18 feet. There are no visible markers to identify a power line's voltage, so call the local electric utility for clearance information if you are unsure.



Ladder Hits Lines; Firefighter Dies

Three firefighters were positioning a 35-foot aluminum extension ladder outside a three-story building with an active fire on the third floor. Two of the firefighters apparently slipped and lost control of the ladder, which fell against a 7,600-volt power line. One firefighter was killed and one was seriously injured.



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Downed Power Lines

- **Secure the area.** Keep yourself and the public *at least* 30 feet away from fallen power lines. Fallen transmission lines from large towers require 100 feet of clearance.
- **Stay clear of *all* downed lines and anything they are contacting,** including nearby fences, trees, cable or phone lines, and the ground.
- **Be extremely cautious when using water to fight fires near downed power lines.** If you must use water, use only a mist or spray. Do not use a stream—it can create a clear path for current.



Fire Captain Electrocuted by Downed Line

A 36-year-old fire captain was fatally shocked when he brushed against a fallen 12,000-volt power line while fighting a pre-dawn house fire. The line had fallen into a nearby pine tree and was dangling just above the ground.

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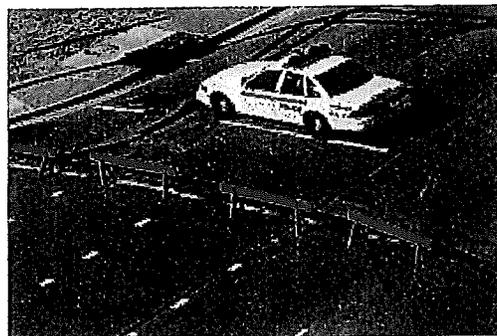
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Car/Pole Accidents

- **Secure the area.** Keep yourself and the public *at least* 30 feet away from fallen power lines. Fallen transmission lines from large towers require 100 feet of clearance.
- **Stay clear of *all* downed lines and anything they are contacting,** including nearby fences, trees, cable or phone lines, and the ground.
- **Be extremely cautious when using water to fight fires near downed power lines.** If you must use water, use only a mist or spray. Do not use a stream—it can create a clear path for current.

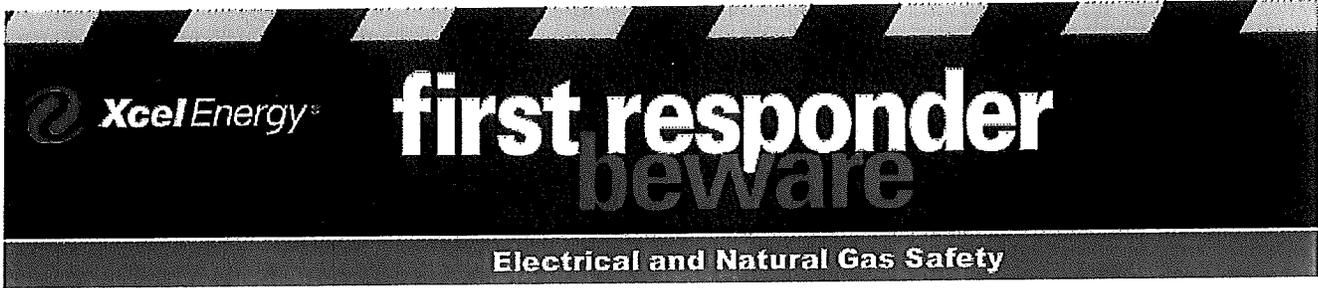


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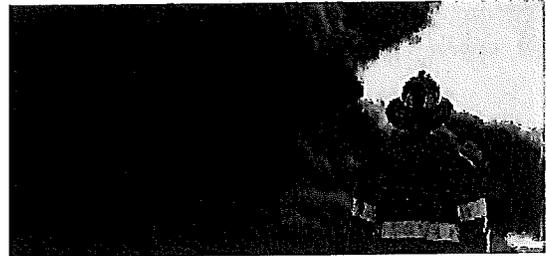
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Substation Fires

- **Let it burn.** Burning electrical equipment is already ruined and will be replaced. Contact the local utility and wait for them to arrive.
- **Evacuate the area.** Keep people at least 300 feet away. Protect exposures to prevent fire from spreading.
- **If an equipment fire must be suppressed,** utility personnel and your incident commander will tell you how to proceed.

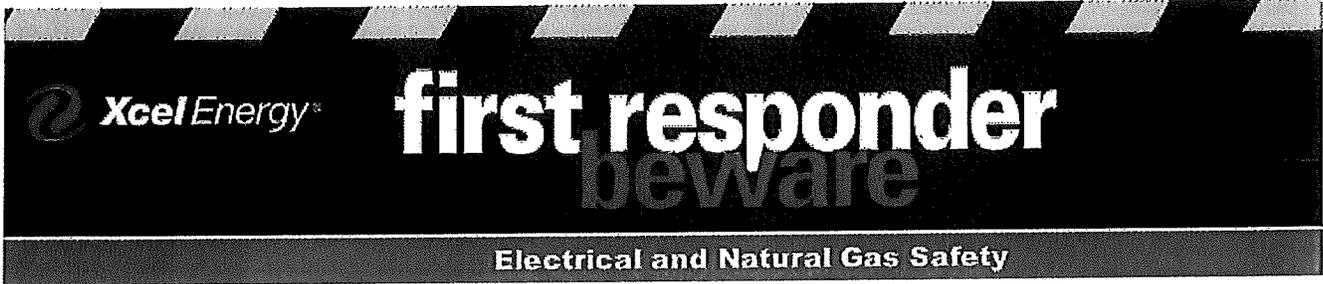


Successful Response to Substation Fire

A circuit breaker containing 20 gallons of mineral oil caught fire and exploded at a rural electric substation. Flames and smoke shot 200 feet into the air. Firefighters evacuated nearby residences within 300 feet, set up a 100-foot perimeter around the substation, closed the nearby highway, and let the fire run its course. Thanks to proper response procedures, no one was injured.

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Natural Gas Leaks

- **Indoor leaks.** Evacuate the building immediately. Shut off the gas at the appliance's supply line—or, if you cannot identify the leaking appliance, shut off gas at the meter. When you are certain the gas is off, ventilate by opening windows from the outside only. Never ventilate while personnel are inside.
- **Outdoor leaks.** Evacuate the area immediately. Contact the local natural gas utility immediately to shut off the gas. Never try to operate a pipeline valve or relief vent.
- **Avoid ignition hazards.** Turn off radios, pagers, and cell phones, or leave them in your vehicle if possible. Avoid using doorbells, light switches, matches, and lighters. If you must use a flashlight, turn it on before approaching the area.



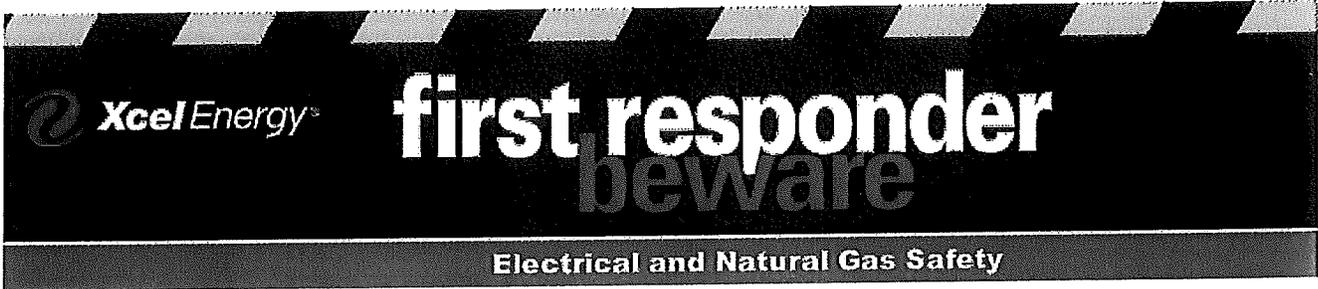
National Pipeline Mapping System: www.npms.phmsa.dot.gov

Recognizing Gas Leaks

There are several indicators of natural gas pipeline leaks:

- A sulfur-like odor
- A hissing sound
- Dirt spraying into the air
- Continual bubbling in a pond or creek
- Plants that seem to be dead or dying for no reason

Not all gas has been odorized, so do not attempt to detect a natural gas leak by smell alone.



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Natural Gas Fires

- **Let it burn.** Contact the local utility and wait for them to arrive. Meanwhile, evacuate the area and protect exposures.
- **For structure fires, shut off the gas supply ONLY if you can safely access the meter.** Once gas is off, remain alert for gas migration and possible re-ignition.
- **Do not use water to suppress a natural gas fire,** as it is ineffective. However, a fog spray can be used to cool combustible exposures. Utility personnel and the incident commander will tell you how to proceed.

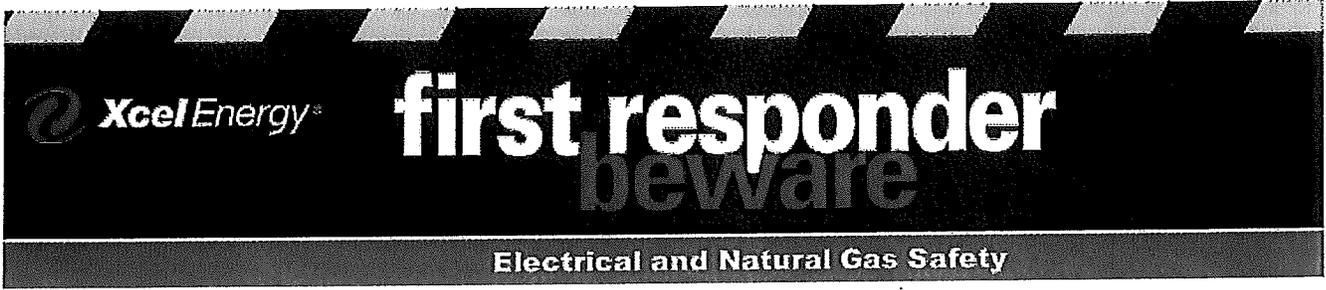


Natural Gas Migrates, Explodes, Kills Four

Emergency personnel responded to the scene of a natural gas pipeline rupture caused by construction workers. The responders did not check nearby buildings to determine if gas was accumulating or to help assess the need for a possible evacuation, even though the high-pressure pipeline was continuing to leak. About 39 minutes after the pipeline rupture, an explosion occurred. It destroyed six buildings, killed four people, and injured eleven, including two firefighters and one police officer.

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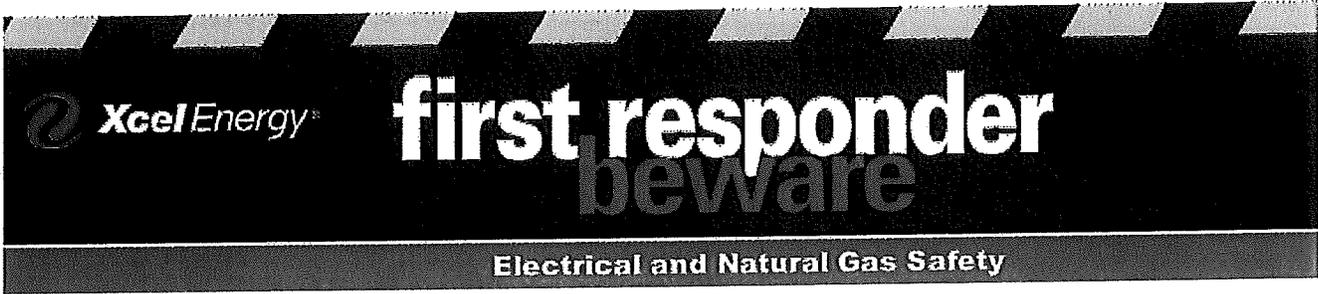
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[National Standard Curriculum Instructor's Guide](#)

[Trainings for Events Involving Explosives](#)

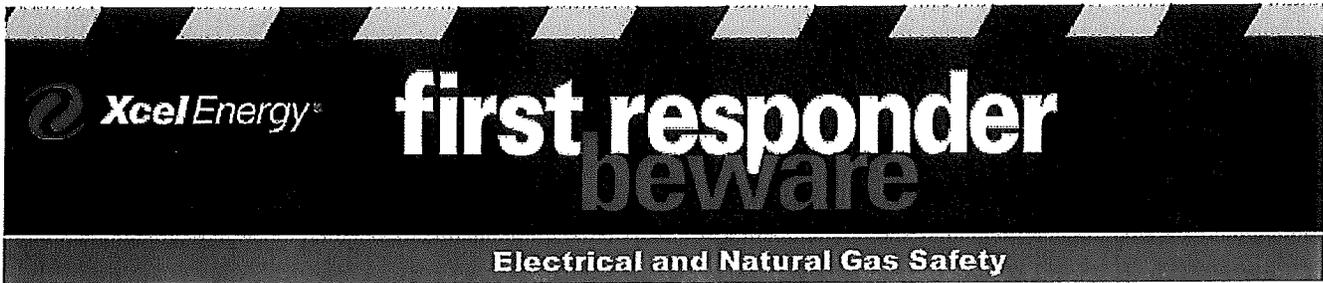
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One-Minute Satisfaction Survey

Please take our brief survey. Your feedback will help us improve our materials and our program. Thank you very much!

1. How many employees/volunteers in your organization require safety training?

2. Of these, what percentage participated in the *First Responder Beware* program?

3. On average, how many hours of training did each person spend with the safety materials?

4. Which of the *First Responder Beware* materials do you consider most valuable to your organization?

5. How effective were the *First Responder Beware* materials that you used?

- Poor
- Fair
- Good
- Very Good
- Excellent

6. Which three of the following types of safety training materials do you prefer to receive? Please rank them in order of preference by entering 1 to indicate the type of materials you prefer most, 2 to indicate your second choice, and 3 to indicate your 3rd choice.

- Training materials (such as videos) on DVD
- Print materials such as posters, booklets, or brochures
- Slide show presentations
- Interactive website with safety training and testing
- Other, please specify:

7. Why do you use safety training materials? (Please check all that apply.)

- Insurance premium reduction
 - OSHA requirement
 - Improve employee/volunteer well being
- Other please specify:

8. From which one of the following types of organizations do you get most of your safety training materials?

- Trade Association. Which one?
- Insurance Company. Which one?
- Local Utility Company
- Other, please specify:



RESPONDING TO UTILITY EMERGENCIES
CO | MI | MN | ND | NM | SD | TX | WI

You arrive first on the scene. But are you prepared?

As an emergency responder you do everything possible to keep your community safe. But are you ready if there is an emergency involving utilities? Utility emergencies present unique dangers that responders must be aware of and prepared to handle. This knowledge and preparation can lead to more favorable outcomes and ultimately save lives.



Responding to Utility Emergencies Online is an effective way to bridge the training gap. This unique online training program was designed to complement your department's current training efforts. RTUE Online allows you to immediately reach those first responders who need a refresher on how to operate safely at a utility emergency.

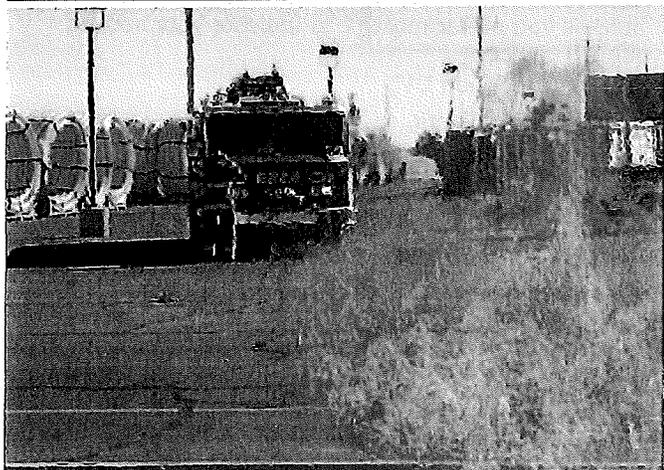
<http://XcelEnergy.RTUEonline.com>

RTUE online offers firefighters, police officers and other emergency personnel access to effective interactive online training on how to handle a natural gas or electrical emergency.

This training is **based on national standards**, with learning objectives and application activities to educate and engage all types of responders.

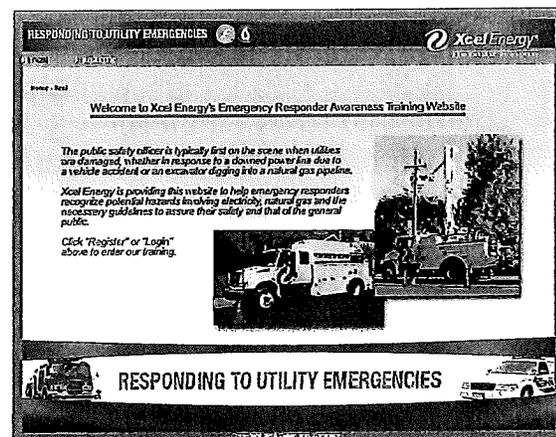
This training is trackable which allows responders to take a test and receive a certificate at the completion of the course.

RTUE Online is continually updated to ensure responders have real-time information when they need it.



“Nice work, you should be proud of this valuable safety training tool... Best tool I've seen so far in my career as a fire fighter (24 yrs.) and utility professional (31 yrs.)”

— Utility Safety Consultant & Minnesota Firefighter.



This awareness training program is provided to you compliments of Xcel Energy

<http://XcelEnergy.RTUEonline.com> | For more information please contact Karen.Riggenbach-Vaughn@xcelenergy.com

LOGIN

REGISTER

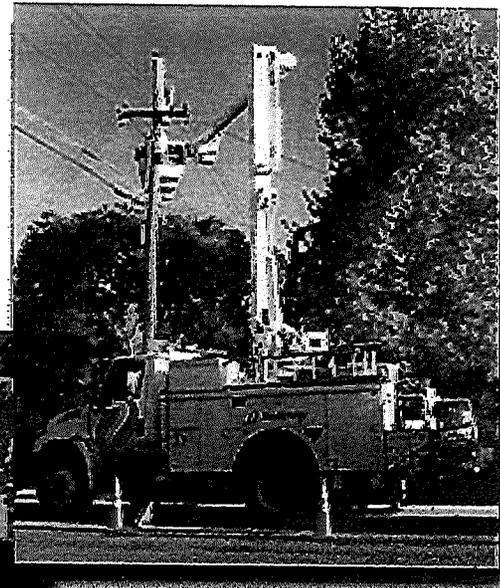
Home - Xcel

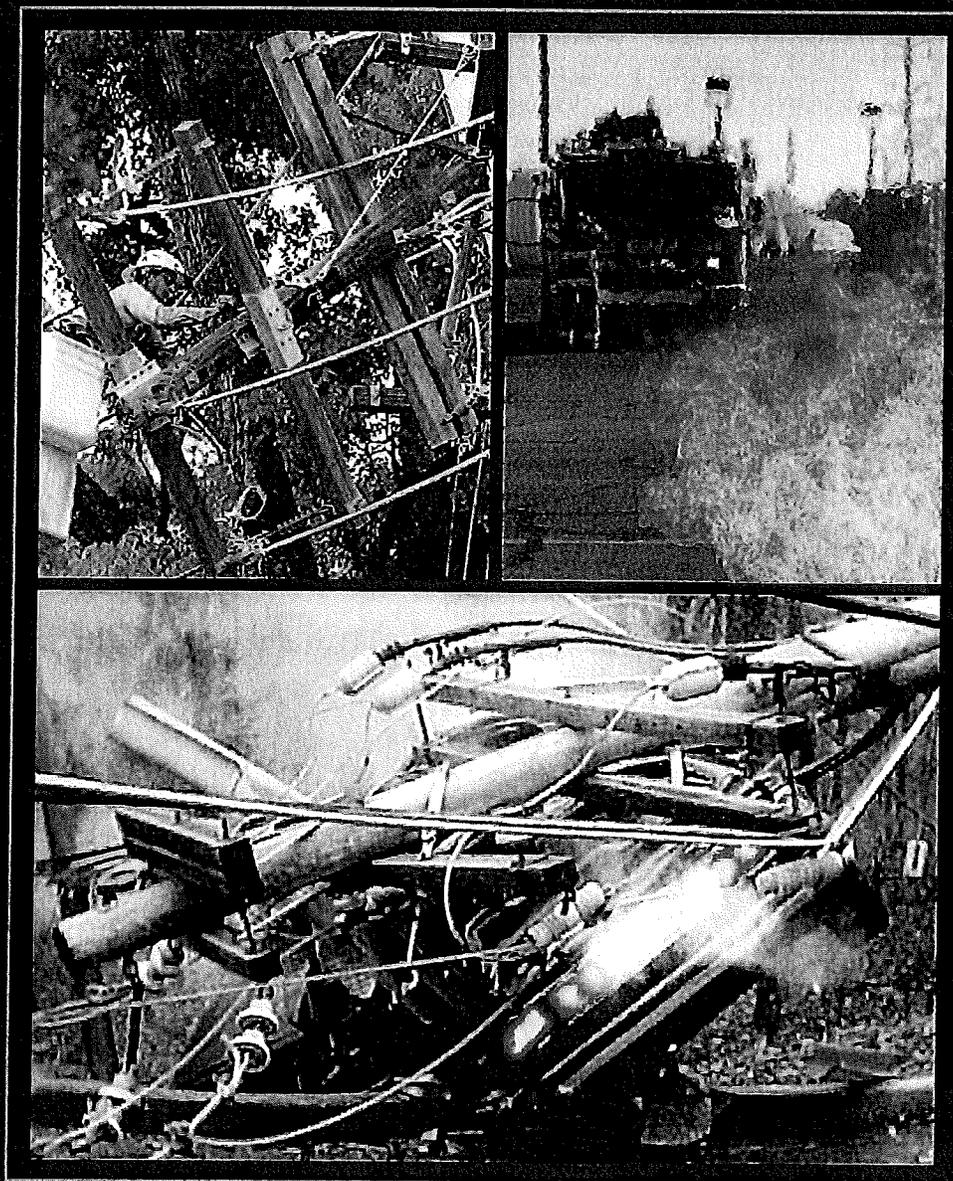
Welcome to Xcel Energy's Emergency Responder Awareness Training Website

The public safety officer is typically first on the scene when utilities are damaged, whether in response to a downed power line due to a vehicle accident or an excavator digging into a natural gas pipeline.

Xcel Energy is providing this website to help emergency responders recognize potential hazards involving electricity, natural gas and the necessary guidelines to assure their safety and that of the general public.

Click "Register" or "Login" above to enter our training.





RESPONDING TO UTILITY EMERGENCIES

*A Street Smart Approach to Understanding and
Handling Electrical and Utility Gas Emergencies*

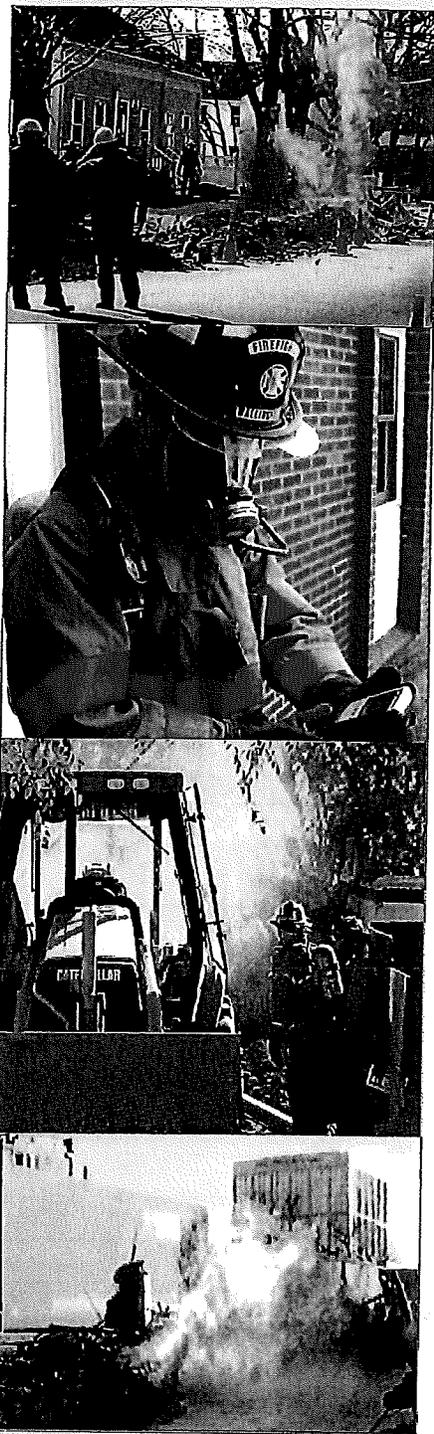
MICHAEL CALLAN

This Program Sponsored By



Chapter 6

RESPONDING TO GAS EMERGENCIES



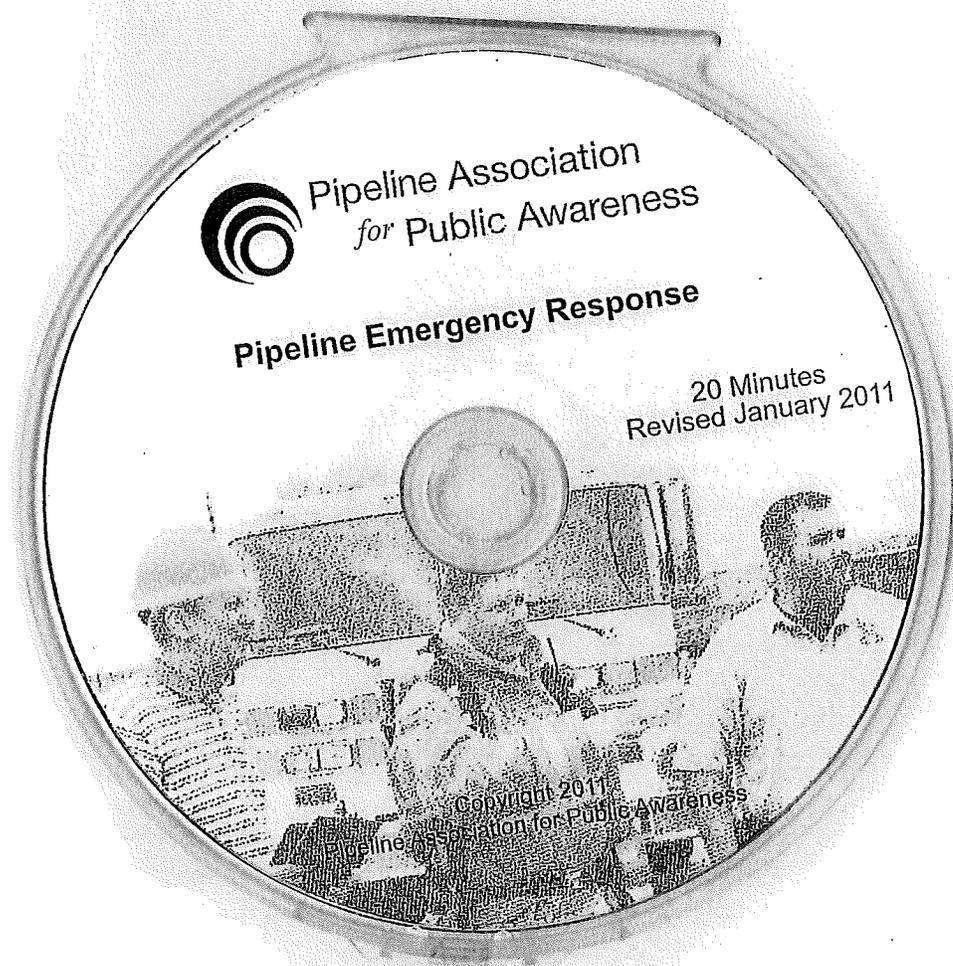
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CHAPTER 6

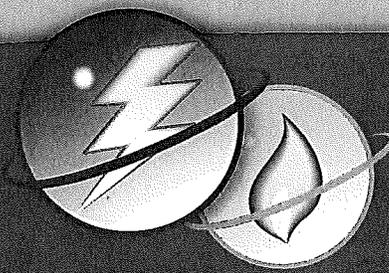
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Non-Fulfillment Material - Samples

Electrical & Natural Gas Safety World



EXPLORE...
COULD YOU SURVIVE
WITHOUT ENERGY?

**LEARN HOW TO
RECOGNIZE A
GAS LEAK!**



DISCOVER...
NATURAL GAS AND
ELECTRICITY BENEATH
YOUR FEET



INVESTIGATE...
FASCINATING EXPERIMENTS,
PUZZLES AND ACTIVITIES

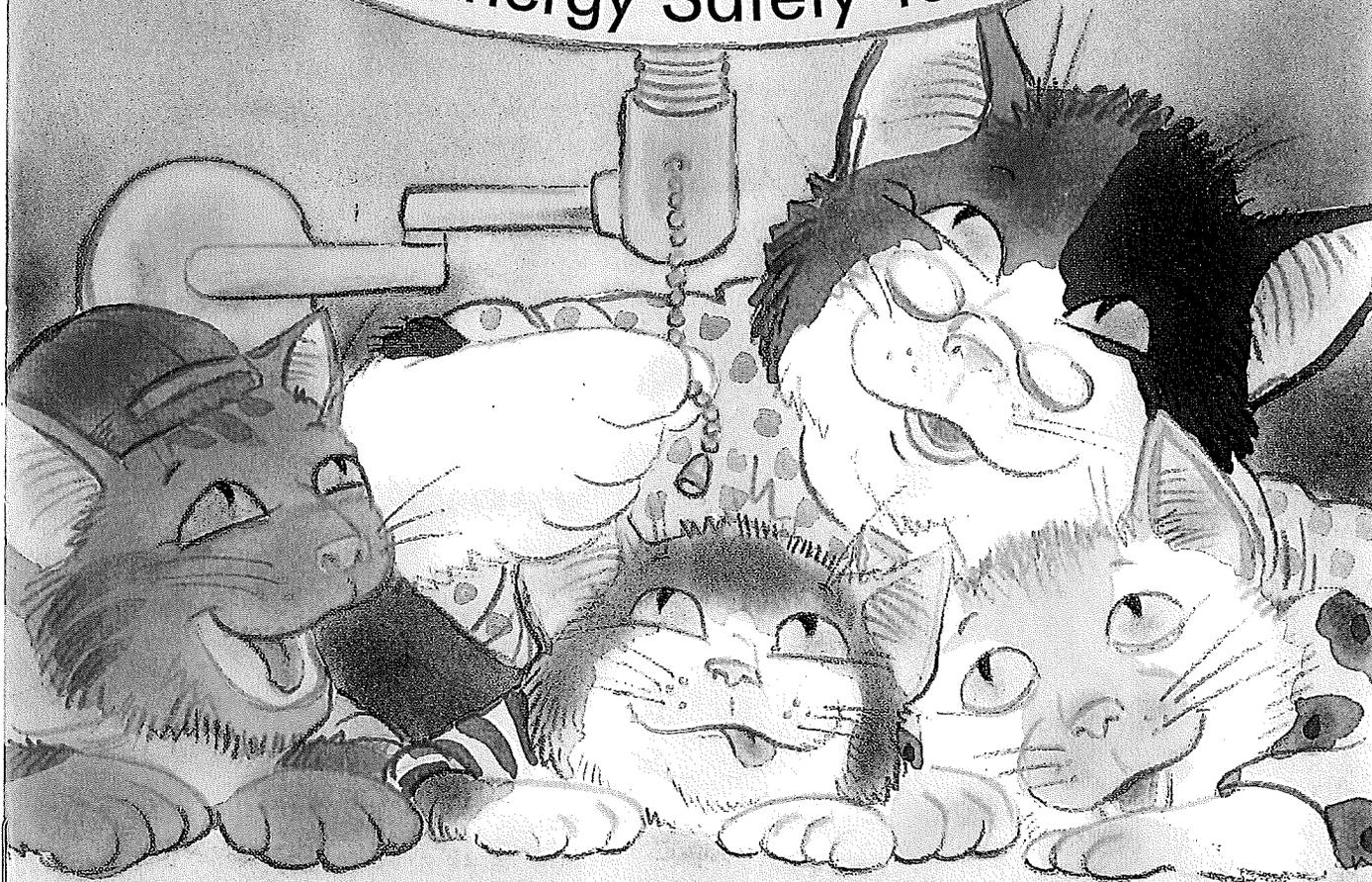


RESPONSIBLE BY NATURE™

www.xcelenergy.com/publicsafety/educators

Aunt Sarah and the Amazing Power

An Energy Safety Tale



 **Xcel Energy**[®]

Visit www.xcelenergy.com/safetyworld

South Dakota Bill Insert



HOW TO DETECT A NATURAL GAS LEAK

Use your senses!

SMELL: Because natural gas has no odor, we add a harmless, but distinctive odorant called mercaptan to it. The smell is similar to that of a rotten egg or sulfur. Recognizing this odor either in your home or in your neighborhood helps you immediately smell even the smallest of leaks and respond appropriately. Be aware that soil can absorb the odorant, so also listen and watch for other leak indicators.

SOUND: A gas leak also may create a slight hissing, to a stronger blowing, or even a roaring, sound.

SIGHT: If you see dead or dying vegetation for no apparent reason, dirt blowing or bubbling in a pond or puddle, they can be signs of a gas leak. When you smell, hear or see it, it's safest to have a professional investigate the source.

YOUR SAFE RESPONSE TO A GAS LEAK

- Leave your home immediately. If the odor is outside, quickly move far away and upwind from the odor.
- Never use a phone or cell phone inside or near an outside odor. Only when you're a safe distance away, then call us at 800-895-2999, or your local gas company, or 911 in an emergency, for immediate help.
- If inside, never turn on or turn off any light switches or use any electric switch, including garage door openers, before you leave.
- If you have used a phone inside your home or near the outside odor – which is never recommended – do not hang up the receiver as that also can create a spark that may ignite the gas.
- Never strike a match or smoke a cigarette near suspected leaking gas.
- Stay away until an emergency response official or your local gas company tells you it's safe to return.

IMPORTANT XCEL ENERGY PHONE NUMBERS:

- Electric Emergency/Outage..... 1-800-895-1999
- Gas Emergency/Gas Odor 1-800-895-2999
- Residential Customer Service 1-800-895-4999
- TTY 1-800-895-4949

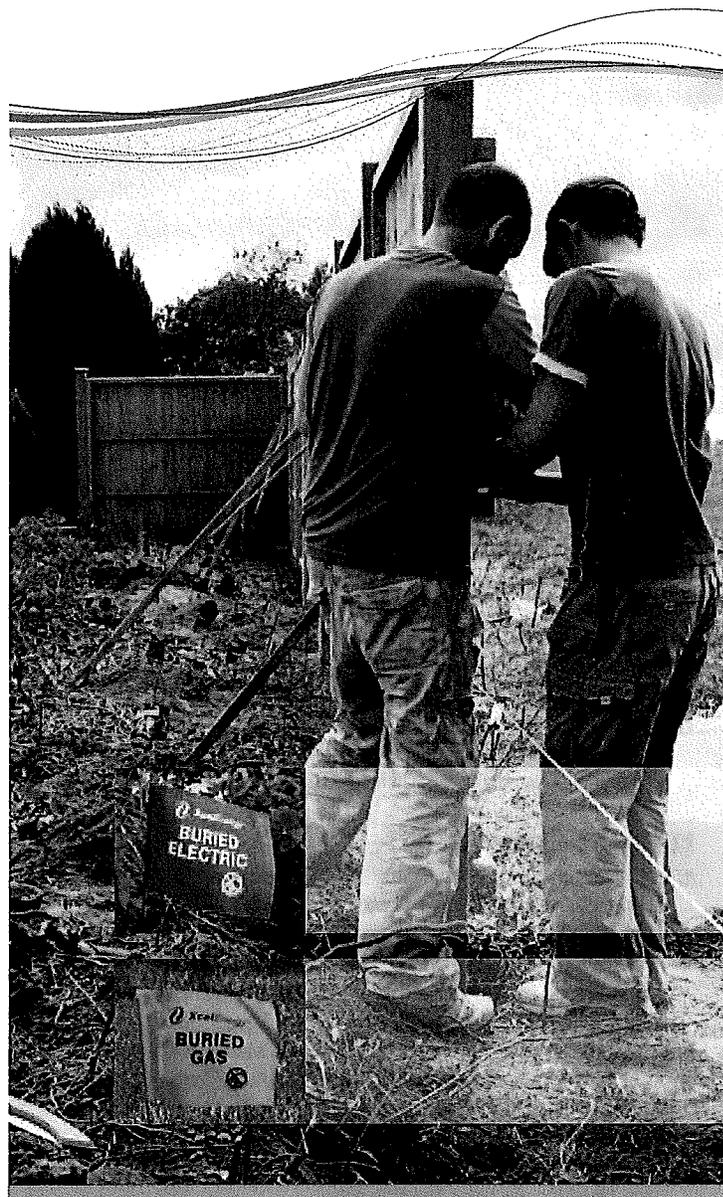


RESPONSIBLE BY NATURE™

1-800-895-4999
xcelenergy.com

Printed with soy-based inks on recycled paper.

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Northern States Power Company-Minnesota, an Xcel Energy Company
11-04-029 | 189K | 06/11 | 00079922



Work Safely Around Energy Lines

Your Safety Is Our Priority



POWER LINES ARE DANGEROUS

Simple tasks such as pruning a tree, cleaning your gutters or making repairs to the outside of your home can seriously injure you or even be fatal when overhead power lines are nearby. When working outdoors, always look up first to locate overhead lines and assume that any line is energized.

- Keep yourself, ladders, work tools, and any object you're holding—no matter what it's made of—more than 10 feet away from power lines.
- When you're working or hunting in fields near irrigation pipes and you need to lift a pipe upright, first look up for power lines. If power lines are present, be sure the pipe is at least 10 feet from them.
- Pruning trees near power lines is dangerous; only qualified tree trimmers may trim near high voltage power lines.
- Never plant vegetation near metal boxes that house electrical equipment. Also, if you notice any tampering or missing locks on the equipment, contact us immediately at 800-895-1999.

KEEP OUTDOOR PLAY SAFE

- Teach your children to never climb trees near power lines, nor to play near or on electrical equipment such as power poles, transformers, metal switch cabinets, fences or substations.
- Fly kites, model planes and other toys in open fields far away from overhead power lines and never place a trampoline or build a playhouse under a power line.
- When boating or fishing, watch out for power lines near rivers and lakes. Masts on sailboats conduct electricity and so do fishing lines. Avoid docking or casting near power lines and never try to retrieve lures tangled with power lines.
- Always be aware of **HIGH VOLTAGE WARNING** and **DANGER** signs. Heed the warnings and stay away.

STAY AWAY FROM DOWNED POWER LINES

Always assume a downed wire is energized and dangerous. Touching a live line or anything it's touching or near it - such as a fence, a puddle, a car, a person, etc. - will allow electricity to flow from the line and anything the line is touching to you and through your body to reach the ground. This can result in serious injury or death. For additional energy safety tips, visit our website at xcelenergy.com.

BEFORE DIGGING, KNOW WHAT'S BELOW.

Be smart when you have a digging project. Smart digging means calling 811 several days before **each** job. Homeowners often make risky assumptions and don't have their utility lines marked, but **all** digging jobs require a call - even small projects like planting trees and shrubs. It's a free service that helps you dig smartly and safely by following these few simple steps:

- Always call before digging.
- Wait the required time before you dig to allow all utilities time to locate and mark their lines.
- Respect the marks.
- Avoid digging near the marks.
- Don't assume anything.

Calling 811 is a **free** service that serves to prevent injuries, property damage, inconvenience and expense. Utilities do not locate customer-installed lines such as those that provide gas to a grill, heat to a pool or garage.

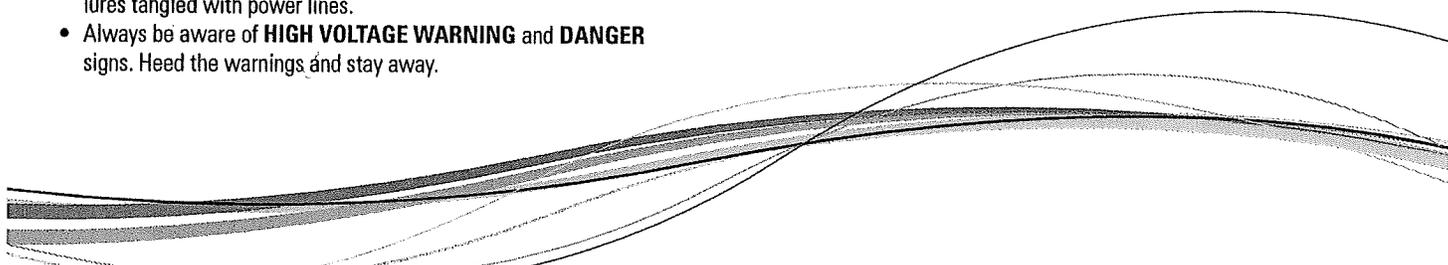
NORTH DAKOTA AND SOUTH DAKOTA ONE CALL:

Call 811 two business days in advance.

Please note that 811 is not an Xcel Energy number.



Know what's below.
Call before you dig.



FINAL

**Make a date
with safety.**

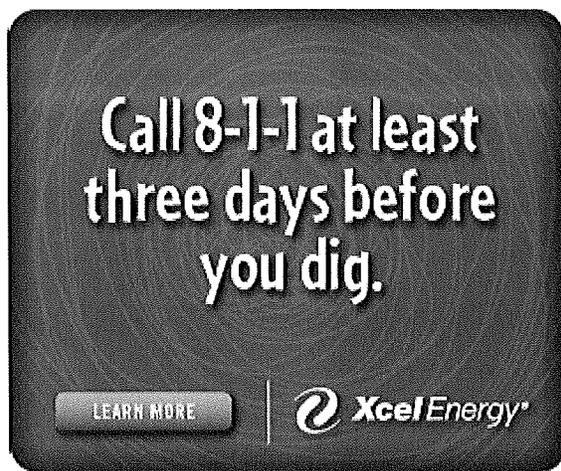
LEARN MORE | 

>

**Call 8-1-1 at least
two business days
before you dig.**

LEARN MORE | 

FINAL



FINAL

When you're at
least 10 feet away
from overhead lines,

LEARN MORE

 Xcel Energy*

you're closer
to safety.

LEARN MORE

 Xcel Energy*

Stay safe around
overhead lines.

LEARN MORE

 Xcel Energy*

VLADIMIR JONES

Safety
Google Text Ads

Overhead

No contact is the only
safe contact with overhead lines.
Stay Safe. Stay away. Learn more at
www.XcelEnergy.com

Avoid contact with power
lines to stay safe. Keep ladders &
kites at least 10 feet away.
www.XcelEnergy.com

Be safe around powerlines
If you see downed lines stay at
least 10 ft away & call 18008951999
www.XcelEnergy.com

CBYD

Call 811 before you dig.
It's the best way to avoid calling
911 after. Dig safe.
www.XcelEnergy.com

Before you dig call 811.
We'll mark Xcel Energy's utility
lines to help you dig safe.
www.XcelEnergy.com

Call 811 Before You Dig
Wait for someone to come out & mark
Xcel Energy's utility lines so you stay safe.
www.XcelEnergy.com

Name of Campaign: Safety
Type: Out of Home
Name of Ads: Call Before You Dig
Overhead Safety
FERC Account: 909
JDE Code: 498776.723770.493921
Cost: \$9,723.00

Alternating Messages:

**Minnehaha County Posters (25 showing-
4 units)**

Weeks of:

**May 30, 2011
June 6, 13, 20 & 27
July 4, 11, 18 & 25
August 1, 8 & 15**

Make a date with safety. Call 8-1-1 before you dig.



**Know what's below.
Call before you dig.**

 **Xcel Energy®**
xcelenergy.com

When you're at least 10 feet from
overhead lines, you're closer to safety.

xcelenergy.com



Name of Campaign: Safety
Type: Print
Name of Ads: Call Before You Dig
Overhead Safety
FERC Account: 909
JDE Code: 498776.723770.493921
Cost: \$7,488.00

Alternating Messages:

Sioux Falls Argus Leader: Main News

Weeks of:

**April 4, 2011
May 16
June 27
August 8
September 19**

Sioux Falls Argus Leader: Life Section

**April 25, 2011
June 6
July 18
August 29**

When you're at least 10 feet away from overhead lines, you're closer to safety.

Overhead lines are extremely dangerous and even deadly. Never touch them or allow any object to touch them. Stay at least 10 feet away and if you see lines brought down by wind or weather, call us right away at 1-800-895-1999. In case of an emergency, always call 9-1-1. We want to keep you safe.

Learn more about safety at xcelenergy.com.



© 2011 XCEL ENERGY INC.



Make a date with safety. Call 8-1-1 before you dig.

At least two business days before you dig in your yard, you must call 8-1-1. A professional will come and mark the utilities' buried lines in your yard. There's no cost to you, but you must wait the required time, and then dig carefully around the marks. Hitting gas and electric lines can be very dangerous, and your safety matters most. In an emergency, always call 9-1-1.

Learn more about safety
at xcelenergy.com.



Know what's below.
Call before you dig.



© 2011 XCEL ENERGY INC.



Three digits. One goal. Your safety. Call 8-1-1 before you dig.

At least two business days before you dig in your yard, you must call 8-1-1. A professional will come and mark the utilities' buried lines in your yard. There's no cost to you, but you must wait the required time, and then dig carefully around the marks. Hitting gas and electric lines can be very dangerous, and your safety matters most. In an emergency, always call 9-1-1.

Learn more about safety
at xcelenergy.com.



Know what's below.
Call before you dig.



© 2011 XCEL ENERGY INC.



Name of Campaign: SD Electric Safety

Media: Production

Type of Ads: Safety

FERC Account: 909

JDE Code: 498775.723770.185
500816.723775.185

Cost: \$2,937.39

VLADIMIR JONES

MUSIC: Xcel Music track up.

ANNCR: Having a professional on your side is handy in any situation. But, when it comes to your safety, it's imperative. You may not realize how many unseen hazards are lurking beneath your lawn, but we do. So, two business days before you're ready to dig and install that fence, build a shed or even plant a shrub, it's time to call eight-one-one. Your call arranges for a professional to come to your yard and mark with colored flags or paint the utilities' buried lines, including Xcel Energy's lines. There's no cost to you; all we ask is that you wait the required time, respect the marks and dig with care. For more information and important tips on staying safe around utility lines, visit Xcel Energy's website, Xcel Energy dot com. Make a date with safety—call eight-one-one at least two business days before you dig. It's the law and it's free. Xcel Energy. Responsible by nature.

VLADIMIR JONES

MUSIC: Xcel Music track up.

ANNCR: Get closer to safety, by staying at least ten feet away from overhead lines.

Everyone loves what overhead lines bring to our homes—electricity. But that same electricity is something to be respected. That means when you're out and about, working on your house, hanging lights or cleaning out gutters, make sure that your ladder, yourself and any other objects are at the very least ten feet away from lines. And always be aware of where those lines are in relation to you. Always. If you happen to see overhead power lines that are hanging low or even touching the ground, keep far away from them and call Xcel Energy at 1-800-895-1999. And in an emergency, call nine-one-one. For more safety tips and information on staying safe around utility lines, visit Xcel Energy dot com. We want to keep you safe. Xcel Energy. Responsible by nature.

NORTHERN STATES POWER COMPANY, a Minnesota corporation
Electric Operations - State of South Dakota
Schedule H-3 Working Papers for Listed Expense Accounts
YEAR ENDED 12-31-2011
Advertising

TOTAL CONSERVATION ADVERTISING

Total to
South Dakota
\$ 2,102

Category: Conservation
Timing: January - December
Market: Sioux Falls, Lake County, Lincoln County, Minnehaha County
Media Type: Web Interactive

Category: Conservation
Timing: January - December
Market: Sioux Falls, Lake County, Lincoln County, Minnehaha County
Media Type: Print

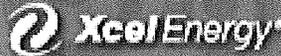
Category: Conservation
Timing: January - December
Market: Sioux Falls
Media Type: Television

Don't let energy dollars drain away.

[LEARN MORE](#) | 

Final/Static

Use power strips to unplug small appliances when not in use.

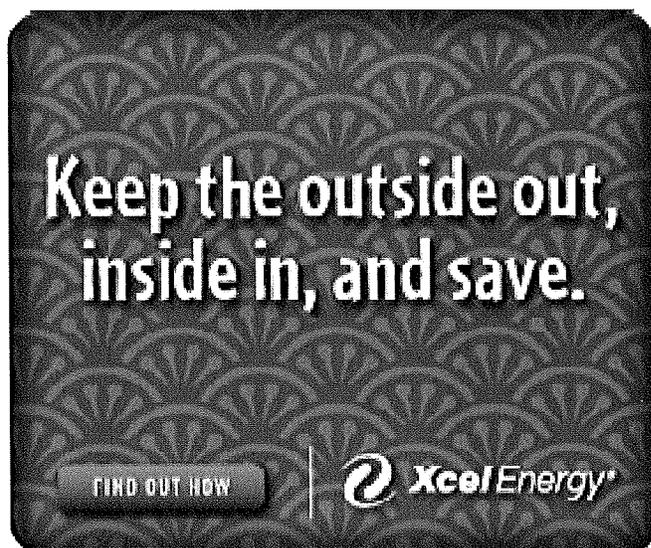
[LEARN MORE](#) | 

Plug into a satisfying sense of saving.

[LEARN MORE](#) | 

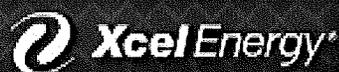


CTA/Static



**Unplug from the
wall and wallet.**

PLUG INTO SAVINGS



**Power strips are a
smart choice to make.**

PLUG INTO SAVINGS



**Plug into a satisfying
sense of saving.**

PLUG INTO SAVINGS



Washing stuff in cold
water is hot right now.

MORE TIPS HERE



Because saving
energy is, too.

MORE TIPS HERE



Save energy.
Save money.

MORE TIPS HERE



**Don't let
energy dollars
drain away.**

LEARN MORE



**Use power
strips to
unplug small
appliances
when not
in use.**

LEARN MORE



**Plug into a
satisfying sense
of saving.**

LEARN MORE



Name of Campaign: SD Electric Conservation

Media: Production

Type of Ads: Conservation

FERC Account: 909

JDE Code: 498775.723735.184

Cost: \$3,039.71

Name of Campaign: Conservation
Type: TV
Name of Ads: Various Conservation Messages
FERC Account: 909
JDE Code: 498775.723735.10307034
Cost: \$75,372.50

Alternating Messages:	Weeks of:
Keloland News at 10	Dec. 27, 2010 thru Dec. 19, 2011
Sioux Falls	January 10, 17 & 24, 2011 February 14 & 21 March 14 & 21 October 3, 10 & 17 November 7 & 14 December 5 & 12
Sioux Falls Cable Spots	Jan. 31 & Feb. 7, 2011 Feb. 28 & Mar. 7 Oct. 24 & 31 Nov. 7, 14, 21 & 28

Northern States Power Company, a Minnesota corporation
Electric Utility - Total Company
Schedule H-4 Charges from Associated Companies (NSP Wisconsin Company)
Year Ended December 31, 2011
Production

Working Papers for Interdepartmental Transactions

FERC

Account

Number	Description	Amount
557	Interchange Agreement - Fixed Costs	48,949,521
557	Interchange Agreement - Variable Costs	19,429,563
566	Interchange Agreement - Transmission Expense	<u>55,954,687</u>
		<u><u>124,333,771</u></u>

A full discussion of the Interchange Agreement, its purpose, and the bases for cost allocation to South Dakota is contained in the Direct Testimony of Mr. Thomas E. Kramer.

Name of Respondent Northern States Power Company (Minnesota)	This Report Is: (1) <input checked="" type="checkbox"/> An Original (2) <input type="checkbox"/> A Resubmission	Date of Report (Mo, Da, Yr) 04/13/2012	Year/Period of Report End of 2011/Q4
---	---	--	---

**PURCHASED POWER (Account 555)
(Including power exchanges)**

1. Report all power purchases made during the year. Also report exchanges of electricity (i.e., transactions involving a balancing of debits and credits for energy, capacity, etc.) and any settlements for imbalanced exchanges.
2. Enter the name of the seller or other party in an exchange transaction in column (a). Do not abbreviate or truncate the name or use acronyms. Explain in a footnote any ownership interest or affiliation the respondent has with the seller.
3. In column (b), enter a Statistical Classification Code based on the original contractual terms and conditions of the service as follows:

RQ - for requirements service. Requirements service is service which the supplier plans to provide on an ongoing basis (i.e., the supplier includes projects load for this service in its system resource planning). In addition, the reliability of requirement service must be the same as, or second only to, the supplier's service to its own ultimate consumers.

LF - for long-term firm service. "Long-term" means five years or longer and "firm" means that service cannot be interrupted for economic reasons and is intended to remain reliable even under adverse conditions (e.g., the supplier must attempt to buy emergency energy from third parties to maintain deliveries of LF service). This category should not be used for long-term firm service firm service which meets the definition of RQ service. For all transaction identified as LF, provide in a footnote the termination date of the contract defined as the earliest date that either buyer or seller can unilaterally get out of the contract.

IF - for intermediate-term firm service. The same as LF service expect that "intermediate-term" means longer than one year but less than five years.

SF - for short-term service. Use this category for all firm services, where the duration of each period of commitment for service is one year or less.

LU - for long-term service from a designated generating unit. "Long-term" means five years or longer. The availability and reliability of service, aside from transmission constraints, must match the availability and reliability of the designated unit.

IU - for intermediate-term service from a designated generating unit. The same as LU service expect that "intermediate-term" means longer than one year but less than five years.

EX - For exchanges of electricity. Use this category for transactions involving a balancing of debits and credits for energy, capacity, etc. and any settlements for imbalanced exchanges.

OS - for other service. Use this category only for those services which cannot be placed in the above-defined categories, such as all non-firm service regardless of the Length of the contract and service from designated units of Less than one year. Describe the nature of the service in a footnote for each adjustment.

Line No.	Name of Company or Public Authority (Footnote Affiliations) (a)	Statistical Classification (b)	FERC Rate Schedule or Tariff Number (c)	Average Monthly Billing Demand (MW) (d)	Actual Demand (MW)	
					Average Monthly NCP Demand (e)	Average Monthly CP Demand (f)
1	Adams Wind Generations, LLC	LU		N/A	N/A	N/A
2	Agassiz Beach LLC	LU		N/A	N/A	N/A
3	Ameren Corporation	OS		N/A	N/A	N/A
4	Ameren Corporation	LU		N/A	N/A	N/A
5	Autumn Hills, LLC	LU		N/A	N/A	N/A
6	Barron, Wisconsin	LU		N/A	N/A	N/A
7	Best Power International LLC	LU		N/A	N/A	N/A
8	Big Blue Wind Farm, LLC	LU		N/A	N/A	N/A
9	Bisson Windfarm, L.L.C.	LU		N/A	N/A	N/A
10	Boeve Windfarm, L.L.C.	LU		N/A	N/A	N/A
11	Buffalo Ridge Windplant WPP 1993	LU		N/A	N/A	N/A
12	Byllesby	LU		2	N/A	N/A
13	Cannon Falls Energy Center	LU		357	N/A	N/A
14	Carleton College	LU		N/A	N/A	N/A
	Total					

Name of Respondent Northern States Power Company (Minnesota)	This Report Is: (1) <input checked="" type="checkbox"/> An Original (2) <input type="checkbox"/> A Resubmission	Date of Report (Mo, Da, Yr) 04/13/2012	Year/Period of Report End of 2011/Q4
---	---	--	---

PURCHASED POWER (Account 555)
(Including power exchanges)

1. Report all power purchases made during the year. Also report exchanges of electricity (i.e., transactions involving a balancing of debits and credits for energy, capacity, etc.) and any settlements for imbalanced exchanges.
2. Enter the name of the seller or other party in an exchange transaction in column (a). Do not abbreviate or truncate the name or use acronyms. Explain in a footnote any ownership interest or affiliation the respondent has with the seller.
3. In column (b), enter a Statistical Classification Code based on the original contractual terms and conditions of the service as follows:

RQ - for requirements service. Requirements service is service which the supplier plans to provide on an ongoing basis (i.e., the supplier includes projects load for this service in its system resource planning). In addition, the reliability of requirement service must be the same as, or second only to, the supplier's service to its own ultimate consumers.

LF - for long-term firm service. "Long-term" means five years or longer and "firm" means that service cannot be interrupted for economic reasons and is intended to remain reliable even under adverse conditions (e.g., the supplier must attempt to buy emergency energy from third parties to maintain deliveries of LF service). This category should not be used for long-term firm service firm service which meets the definition of RQ service. For all transaction identified as LF, provide in a footnote the termination date of the contract defined as the earliest date that either buyer or seller can unilaterally get out of the contract.

IF - for intermediate-term firm service. The same as LF service expect that "intermediate-term" means longer than one year but less than five years.

SF - for short-term service. Use this category for all firm services, where the duration of each period of commitment for service is one year or less.

LU - for long-term service from a designated generating unit. "Long-term" means five years or longer. The availability and reliability of service, aside from transmission constraints, must match the availability and reliability of the designated unit.

IU - for intermediate-term service from a designated generating unit. The same as LU service expect that "intermediate-term" means longer than one year but less than five years.

EX - For exchanges of electricity. Use this category for transactions involving a balancing of debits and credits for energy, capacity, etc. and any settlements for imbalanced exchanges.

OS - for other service. Use this category only for those services which cannot be placed in the above-defined categories, such as all non-firm service regardless of the Length of the contract and service from designated units of Less than one year. Describe the nature of the service in a footnote for each adjustment.

Line No.	Name of Company or Public Authority (Footnote Affiliations) (a)	Statistical Classification (b)	FERC Rate Schedule or Tariff Number (c)	Average Monthly Billing Demand (MW) (d)	Actual Demand (MW)	
					Average Monthly NCP Demand (e)	Average Monthly CP Demand (f)
1	CG Windfarm, L.L.C.	LU		N/A	N/A	N/A
2	Chanarambie Power Partners, L.L.C.	LU		N/A	N/A	N/A
3	Cisco Wind Energy, L.L.C.	LU		N/A	N/A	N/A
4	Connexus Energy Center	LU		N/A	N/A	N/A
5	Covanta Hennepin Energy Resource Co LP	LU		34	N/A	N/A
6	Cummins Power Generation	OS		N/A	N/A	N/A
7	Dairyland Electric Cooperative Incorpo	LU		N/A	N/A	N/A
8	Danielson Wind Farms, LLC	LU		N/A	N/A	N/A
9	Darrell & Shirley Houselog	LU		N/A	N/A	N/A
10	DTE Energy Trading Inc.	OS	NAEMA, WSPP	N/A	N/A	N/A
11	East Ridge	LU		N/A	N/A	N/A
12	Eau Galle Renewable Energy Co.	AD		N/A	N/A	N/A
13	Eau Galle Renewable Energy Co.	LU		N/A	N/A	N/A
14	EDF Trading North America	OS	NAEMA, WSPP	N/A	N/A	N/A
	Total					