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COMMONWEALTH OF KENTUCKY

BEFORE THE PUBLIC SERVICE COMMISSION OF KENTUCKY

In the Matter of:

2014 INTEGRATED RESOURCE PLAN)
OF BIG RIVERS ELECTRIC CORPORATION) Case No. 2014-00166

Attachment No. 3, 11, 12, and 13 for the Response to Item 26 of the
Office of the Attorney General's Initial Request for Information
dated August 20, 2014
(Provided on electronic media)

FILED: September 10, 2014

BIG RIVERS ELECTRIC CORPORATION
2014 INTEGRATED RESOURCE PLAN
OF BIG RIVERS ELECTRIC CORPORATION
CASE NO. 2014-00166

Response to the Office of the Attorney General's
Initial Request for Information
Dated August 20, 2014

September 10, 2014

1 **Item 26)** Please provide the data elements described in Table 3.1, page 12, of
2 **Appendix A.**

3
4 **Response)** Please see the attachments to this response. In addition, please refer to the
5 folder AG 1-26 on the electronic media accompanying these responses.

6 **Class of Data and Corresponding Files**

7	1. System Data:	Monthly System Data Attachment 9
8	2. Price Index:	GDP Deflator_020613 Attachment 4
9	3. Economic and Demographic:	JPEC_020613 Attachment 6
10		Kenergy_020613 Attachment 7
11		MCRECC_020613 Attachment 8
12	4. End-Use Data:	AEOTAB_4_Feb2008 Attachment 2
13		EIA Annual Energy Outlook Residential
14		Attachment 3
15		Heating_Fuel-1990-2009 Attachment 5
16		ACS_11_5YR_B25040 Attachment 1
17		BR End Use 2007 Tables-JPE Attachment 11

BIG RIVERS ELECTRIC CORPORATION
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1 BR End Use 2007 Tables-Kenergy Attachment
2 12
3 BR End Use 2007 Tables-MCRECC
4 Attachment 13
5
6 5. Meteorological: Weather History Attachment 10
7
8 **Witness)** John W. Hutts

AG 1-26 – Attachment 3
Case No. 2014-00166

**U.S. Department of Energy
Energy Information Administration
Annual Energy Outlook**

**Released Date: February 2007
Next Release Date: February 2008**

Table 21. Residential Sector Equipment Stock and Efficiency

	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013
Equipment Stock (million units)										
Main Space Heaters										
Electric Heat Pumps	11.48	12.04	12.54	13.00	13.46	13.92	14.38	14.84	15.28	15.72
Electric Other	20.93	21.02	21.11	21.19	21.29	21.39	21.49	21.59	21.69	21.78
Natural Gas Heat Pumps	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Natural Gas Other	61.96	63.00	63.91	64.79	65.67	66.53	67.40	68.27	69.11	69.92
Distillate Fuel Oil	8.65	8.64	8.61	8.57	8.54	8.51	8.48	8.46	8.44	8.43
Liquefied Petroleum Gases	5.14	5.22	5.30	5.34	5.39	5.43	5.48	5.53	5.57	5.62
Kerosene	0.81	0.81	0.81	0.80	0.80	0.80	0.80	0.80	0.80	0.80
Wood Stoves	2.00	1.98	1.96	1.93	1.91	1.89	1.87	1.85	1.83	1.82
Geothermal Heat Pumps	0.12	0.16	0.20	0.24	0.27	0.30	0.33	0.36	0.39	0.41
Total	111.10	112.86	114.43	115.87	117.33	118.78	120.24	121.70	123.11	124.50
	0.2916937	0.2928984	0.2940433	0.2950421	0.2961801	0.2972859	0.2983198	0.2993138	0.3002872	0.3012416
Space Cooling (million units)										
Electric Heat Pumps	11.48	12.04	12.54	13.00	13.46	13.92	14.38	14.84	15.28	15.72
Natural Gas Heat Pumps	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Geothermal Heat Pumps	0.12	0.16	0.20	0.24	0.27	0.30	0.33	0.36	0.39	0.41
Central Air Conditioners	51.27	52.74	54.09	55.36	56.65	57.93	59.22	60.50	61.75	62.98
Room Air Conditioners	34.43	34.38	34.32	34.26	34.20	34.15	34.10	34.05	34.00	33.94
Total	97.30	99.31	101.14	102.86	104.59	106.31	108.03	109.75	111.42	113.06
	0.9987154	0.9984058	0.998027	0.9976664	0.9973949	0.9971512	0.9969211	0.9967127	0.9965194	0.9963421
Water Heaters (million units)										
Electric	42.28	42.95	43.57	44.13	44.72	45.29	45.87	46.44	47.00	47.54
Natural Gas	60.98	62.02	62.93	63.80	64.66	65.51	66.37	67.23	68.06	68.88
Distillate Fuel Oil	4.55	4.51	4.47	4.43	4.38	4.34	4.30	4.26	4.23	4.20
Liquefied Petroleum Gases	3.11	3.18	3.24	3.28	3.33	3.37	3.42	3.47	3.52	3.56
Solar Thermal	0.37	0.38	0.40	0.42	0.44	0.46	0.47	0.49	0.51	0.53
Total	111.28	113.05	114.62	116.06	117.52	118.98	120.44	121.90	123.32	124.70
	0.3799764	0.3799503	0.3801108	0.3802529	0.3804866	0.3807028	0.3808544	0.3809815	0.3811197	0.3812448
Cooking Equipment (million units) 1/										
Electric	68.51	69.82	71.01	72.11	73.23	74.33	75.44	76.55	77.62	78.67
Natural Gas	38.25	38.63	38.95	39.26	39.56	39.87	40.18	40.50	40.80	41.09

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Table 21. Residential Sector Equipment Stock and Efficiency

	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013
Liquefied Petroleum Gases	4.83	4.89	4.95	4.99	5.03	5.07	5.11	5.15	5.19	5.23
Total	111.59	113.35	114.92	116.36	117.82	119.27	120.73	122.20	123.61	124.99
Clothes Dryers (million units)										
Electric	65.03	66.57	67.96	69.26	70.56	71.86	73.17	74.48	75.75	77.00
Natural Gas	17.80	18.15	18.46	18.74	19.01	19.28	19.55	19.83	20.09	20.35
Total	82.83	84.72	86.42	87.99	89.57	91.14	92.73	94.31	95.85	97.35
Other Appliances (million units)										
Refrigerators	130.86	132.72	134.38	135.90	137.43	138.95	140.48	142.02	143.50	144.95
Freezers	35.53	36.04	36.48	36.89	37.29	37.70	38.11	38.53	38.92	39.31
Stock Average Equipment Efficiency										
Main Space Heaters										
Electric Heat Pumps (HSPF)	7.29	7.31	7.41	7.49	7.56	7.61	7.67	7.72	7.77	7.82
Natural Gas Heat Pumps (GCOP)	1.30	1.30	1.30	1.30	1.30	1.30	1.32	1.33	1.34	1.35
Geothermal Heat Pumps (COP)	3.52	3.53	3.53	3.53	3.53	3.53	3.53	3.53	3.53	3.53
Natural Gas Furnace (AFUE)	0.81	0.82	0.82	0.83	0.83	0.84	0.84	0.84	0.85	0.85
Distillate Furnace (AFUE)	0.81	0.82	0.82	0.82	0.82	0.82	0.82	0.83	0.83	0.83
Space Cooling										
Electric Heat Pumps (SEER)	10.77	10.82	11.12	11.34	11.54	11.74	11.92	12.10	12.27	12.44
Natural Gas Heat Pumps (GCOP)	0.62	0.62	0.62	0.62	0.62	0.62	0.62	0.62	0.62	0.62
Geothermal Heat Pumps (EER)	16.07	16.09	16.12	16.12	16.12	16.12	16.12	16.12	16.12	16.12
Central Air Conditioners (SEER)	10.58	10.64	10.89	11.10	11.30	11.50	11.69	11.88	12.06	12.24
Room Air Conditioners (EER)	9.35	9.44	9.52	9.60	9.69	9.78	9.87	9.95	10.02	10.07
Water Heaters										
Electric (EF)	0.88	0.88	0.89	0.89	0.89	0.89	0.90	0.90	0.90	0.90
Natural Gas (EF)	0.56	0.56	0.57	0.57	0.58	0.58	0.59	0.59	0.59	0.60
Distillate Fuel Oil (EF)	0.55	0.55	0.55	0.55	0.55	0.55	0.55	0.55	0.55	0.55
Liquefied Petroleum Gases (EF)	0.56	0.57	0.57	0.58	0.58	0.58	0.59	0.59	0.59	0.60

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	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013
Other Appliances (kilowatthours per year) 2/										
Refrigerators	711.46	690.99	671.33	654.09	637.79	622.73	607.69	594.16	581.96	571.14
Freezers	515.68	499.07	485.93	475.27	466.14	458.43	451.93	446.79	442.79	439.53
Building Shell Efficiency Index 3/										
Space Heating										
Pre-1998 Homes	0.99	0.98	0.98	0.97	0.97	0.97	0.97	0.97	0.96	0.96
New Construction	0.82	0.83	0.83	0.82	0.82	0.82	0.82	0.81	0.81	0.81
All Homes	0.98	0.97	0.96	0.96	0.95	0.95	0.95	0.94	0.94	0.94
Space Cooling										
Pre-1998 Homes	1.00	0.99	0.99	0.99	0.99	0.99	0.99	0.99	0.99	0.99
New Construction	1.03	1.04	1.03	1.04	1.04	1.04	1.03	1.02	1.02	1.02
All Homes	1.00	1.00	1.00	1.00	0.99	0.99	0.99	0.99	0.99	0.99

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Table 21. Residential Sector Equipment Stock and Efficiency

	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013
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1/ Does not include microwave ovens or outdoor grills.

2/ Kilowatt-hours per year to run the appliance under certain test conditions as specified by the Department of Energy.

3/ The building shell efficiency index sets the heating and cooling value at 1.00 for an average home in 2001 (by type) in each Census division. The values listed for 1 represent the change in heating and cooling load based on the difference in physical size and shell attributes for a newly-constructed home (by type and Census division example, a value of 1.05 for cooling in the New Construction row equates to a cooling load 5 percent greater than the 2001 stock, after accounting for the physical size and efficiency gains from better insulation and windows.

HSPF = Heating Seasonal Performance Factor: The total heating output of a heat pump in Btu during its normal annual usage period for heating divided by total electric watt-hours during the same period.

COP = Coefficient of Performance: Energy efficiency rating measure determined, under specific testing conditions, by dividing the energy output by the energy input.

GCOP = Gas Coefficient of Performance: Energy efficiency rating measure determined, under specific testing conditions, by dividing the energy output by the energy input.

AFUE = Annual Fuel Utilization Efficiency: Efficiency rating based on average usage, including on and off cycling, as set out in the standardized Department of Energy.

SEER = Seasonal Energy Efficiency Ratio: The total cooling of a central unitary air conditioner or a unitary heat pump in Btu during its normal annual usage period for by the total electric energy input in watt-hours during the same period.

EER = Energy Efficiency Ratio: A ratio calculated by dividing the cooling capacity in Btu per hour by the power input in watts at any given set of rating conditions, expressed per hour per watt.

EF = Efficiency Factor: Efficiency (measured in Btu out / Btu in) of water heaters under certain test conditions specified by the Department of Energy.

kWh/y = Kilowatt hours per year to run the appliance under certain test conditions as specified by the Department of Energy.

Btu = British thermal unit.

N/A = Not applicable.

Note: Totals may not equal sum of components due to independent rounding.

Source: Energy Information Administration, AEO2007 National Energy Modeling System run aeo2007.d112106a.

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Table 21. Residential Sector Equipment

	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023
Equipment Stock (million units)										
Main Space Heaters										
Electric Heat Pumps	16.16	16.60	17.05	17.50	17.96	18.41	18.86	19.31	19.75	20.19
Electric Other	21.88	21.99	22.09	22.20	22.30	22.41	22.52	22.63	22.74	22.85
Natural Gas Heat Pumps	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Natural Gas Other	70.72	71.54	72.36	73.16	73.95	74.73	75.50	76.25	76.99	77.70
Distillate Fuel Oil	8.42	8.41	8.39	8.38	8.37	8.35	8.33	8.31	8.29	8.27
Liquefied Petroleum Gases	5.66	5.70	5.75	5.79	5.83	5.87	5.92	5.96	5.99	6.03
Kerosene	0.80	0.80	0.80	0.80	0.80	0.80	0.80	0.80	0.80	0.80
Wood Stoves	1.80	1.78	1.76	1.74	1.72	1.71	1.69	1.67	1.65	1.64
Geothermal Heat Pumps	0.44	0.47	0.49	0.52	0.54	0.57	0.60	0.63	0.66	0.69
Total	125.88	127.28	128.69	130.09	131.48	132.85	134.22	135.56	136.87	138.16
	0.3022075	0.3031764	0.3041664	0.3051852	0.3062122	0.3072553	0.3083187	0.3093832	0.3104512	0.3115213
Space Cooling (million units)										
Electric Heat Pumps	16.16	16.60	17.05	17.50	17.96	18.41	18.86	19.31	19.75	20.19
Natural Gas Heat Pumps	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Geothermal Heat Pumps	0.44	0.47	0.49	0.52	0.54	0.57	0.60	0.63	0.66	0.69
Central Air Conditioners	64.20	65.43	66.66	67.87	69.07	70.26	71.44	72.59	73.73	74.84
Room Air Conditioners	33.89	33.84	33.79	33.75	33.70	33.65	33.60	33.55	33.50	33.45
Total	114.69	116.34	118.00	119.64	121.27	122.89	124.50	126.08	127.63	129.16
	0.9961686	0.9959986	0.9958312	0.9956668	0.9955106	0.9953588	0.9951827	0.995016	0.9948489	0.9946897
Water Heaters (million units)										
Electric	48.09	48.64	49.20	49.76	50.33	50.89	51.46	52.02	52.57	53.12
Natural Gas	69.68	70.50	71.31	72.11	72.90	73.68	74.45	75.20	75.93	76.64
Distillate Fuel Oil	4.17	4.14	4.11	4.08	4.05	4.02	3.99	3.96	3.93	3.90
Liquefied Petroleum Gases	3.61	3.66	3.71	3.76	3.81	3.85	3.90	3.94	3.98	4.03
Solar Thermal	0.54	0.56	0.58	0.59	0.61	0.63	0.64	0.66	0.68	0.69
Total	126.09	127.49	128.91	130.31	131.70	133.08	134.45	135.79	137.10	138.39
	0.3813862	0.3815235	0.3816856	0.381903	0.3821459	0.3824275	0.3827538	0.383098	0.383467	0.3838571
Cooking Equipment (million units) 1/										
Electric	79.73	80.79	81.87	82.94	84.01	85.07	86.13	87.16	88.18	89.18
Natural Gas	41.39	41.69	41.99	42.28	42.57	42.85	43.13	43.39	43.65	43.90

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Table 21. Residential Sector Equipment

	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023
Liquefied Petroleum Gases	5.26	5.30	5.33	5.37	5.40	5.43	5.47	5.51	5.54	5.58
Total	126.37	127.78	129.19	130.59	131.98	133.35	134.72	136.06	137.37	138.66
Clothes Dryers (million units)										
Electric	78.25	79.50	80.76	82.01	83.24	84.46	85.67	86.85	88.01	89.15
Natural Gas	20.61	20.87	21.13	21.39	21.64	21.88	22.12	22.36	22.58	22.81
Total	98.86	100.38	101.90	103.39	104.88	106.34	107.79	109.21	110.60	111.96
Other Appliances (million units)										
Refrigerators	146.40	147.87	149.35	150.82	152.27	153.71	155.14	156.54	157.91	159.25
Freezers	39.70	40.09	40.48	40.86	41.24	41.61	41.98	42.33	42.68	43.01
Stock Average Equipment Efficiency										
Main Space Heaters										
Electric Heat Pumps (HSPF)	7.86	7.90	7.94	7.97	8.01	8.03	8.06	8.09	8.11	8.14
Natural Gas Heat Pumps (GCOP)	1.35	1.36	1.37	1.37	1.38	1.38	1.39	1.40	1.41	1.42
Geothermal Heat Pumps (COP)	3.53	3.53	3.53	3.53	3.53	3.53	3.55	3.57	3.59	3.61
Natural Gas Furnace (AFUE)	0.85	0.86	0.86	0.86	0.86	0.86	0.87	0.87	0.87	0.87
Distillate Furnace (AFUE)	0.83	0.83	0.83	0.83	0.83	0.83	0.83	0.83	0.83	0.83
Space Cooling										
Electric Heat Pumps (SEER)	12.60	12.74	12.87	12.99	13.10	13.19	13.28	13.36	13.43	13.50
Natural Gas Heat Pumps (GCOP)	0.62	0.62	0.62	0.62	0.62	0.62	0.63	0.63	0.64	0.65
Geothermal Heat Pumps (EER)	16.12	16.12	16.12	16.12	16.12	16.12	16.24	16.34	16.43	16.52
Central Air Conditioners (SEER)	12.40	12.55	12.69	12.81	12.92	13.02	13.12	13.20	13.28	13.35
Room Air Conditioners (EER)	10.12	10.16	10.18	10.19	10.19	10.20	10.21	10.22	10.23	10.24
Water Heaters										
Electric (EF)	0.90	0.91	0.91	0.91	0.91	0.91	0.91	0.91	0.91	0.91
Natural Gas (EF)	0.60	0.60	0.60	0.60	0.60	0.60	0.60	0.60	0.60	0.60
Distillate Fuel Oil (EF)	0.55	0.55	0.55	0.55	0.55	0.55	0.55	0.55	0.55	0.55
Liquefied Petroleum Gases (EF)	0.60	0.60	0.60	0.60	0.60	0.60	0.60	0.60	0.60	0.60

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Table 21. Residential Sector Equipment 5

	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023
Other Appliances (kilowatthours per year) 2/										
Refrigerators	561.56	553.12	545.73	539.35	533.82	529.10	524.86	521.11	517.85	515.11
Freezers	436.94	434.96	433.53	432.59	432.05	431.81	431.86	432.08	432.45	432.97
Building Shell Efficiency Index 3/										
Space Heating										
Pre-1998 Homes	0.96	0.96	0.95	0.95	0.95	0.94	0.94	0.94	0.94	0.93
New Construction	0.81	0.81	0.81	0.81	0.81	0.81	0.81	0.81	0.81	0.81
All Homes	0.93	0.93	0.92	0.92	0.92	0.91	0.91	0.90	0.90	0.90
Space Cooling										
Pre-1998 Homes	0.99	0.98	0.98	0.98	0.98	0.98	0.98	0.98	0.98	0.97
New Construction	1.02	1.02	1.02	1.02	1.02	1.02	1.02	1.02	1.02	1.02
All Homes	0.99	0.99	0.99	0.99	0.99	0.99	0.99	0.99	0.99	0.99

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Table 21. Residential Sector Equipment

	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023
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1/ Does not include microwave ovens or ovens
 2/ Kilowatt-hours per year to run the appliance
 3/ The building shell efficiency index sets the new construction
 represent the change in heating and cooling loads. As an
 example, a value of 1.05 for cooling in the Net-zero and
 efficiency gains from better insulation and windows
 HSPF = Heating Seasonal Performance Factor input in
 watt-hours during the same period.
 COP = Coefficient of Performance: Energy
 GCOP = Gas Coefficient of Performance: Input.
 AFUE = Annual Fuel Utilization Efficiency: by test procedures.
 SEER = Seasonal Energy Efficiency Ratio: cooling divided
 by the total electric energy input in watt-hours
 EER = Energy Efficiency Ratio: A ratio calculated in Btu
 per hour per watt.
 EF = Efficiency Factor: Efficiency (measure)
 kWh/y = Kilowatt hours per year to run the appliance
 Btu = British thermal unit.
 N/A = Not applicable.
 Note: Totals may not equal sum of components
 Source: Energy Information Administration

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Table 21. Residential Sector Equipment 5

	2024	2025	2026	2027	2028	2029	2030	2005-2030
Equipment Stock (million units)								
Main Space Heaters								
Electric Heat Pumps	20.63	21.08	21.53	21.97	22.41	22.84	23.28	2.7%
Electric Other	22.96	23.07	23.18	23.29	23.40	23.52	23.63	0.5%
Natural Gas Heat Pumps	0.00	0.00	0.00	0.00	0.00	0.00	0.00	29.8%
Natural Gas Other	78.40	79.11	79.83	80.53	81.19	81.85	82.50	1.1%
Distillate Fuel Oil	8.25	8.23	8.21	8.18	8.16	8.14	8.12	-0.2%
Liquefied Petroleum Gases	6.07	6.11	6.14	6.18	6.22	6.25	6.29	0.7%
Kerosene	0.80	0.80	0.80	0.79	0.79	0.79	0.79	-0.1%
Wood Stoves	1.62	1.60	1.58	1.57	1.55	1.54	1.52	-1.0%
Geothermal Heat Pumps	0.71	0.74	0.77	0.80	0.83	0.85	0.88	7.1%
Total	139.44	140.73	142.04	143.32	144.56	145.79	147.01	1.1%
	0.3125963	0.3136661	0.314752	0.3158435	0.3169236	0.3179974	0.319061	
Space Cooling (million units)								
Electric Heat Pumps	20.63	21.08	21.53	21.97	22.41	22.84	23.28	2.7%
Natural Gas Heat Pumps	0.00	0.00	0.00	0.00	0.00	0.00	0.00	29.8%
Geothermal Heat Pumps	0.71	0.74	0.77	0.80	0.83	0.85	0.88	7.1%
Central Air Conditioners	75.94	77.04	78.15	79.24	80.30	81.34	82.39	1.8%
Room Air Conditioners	33.39	33.34	33.29	33.24	33.19	33.14	33.08	-0.2%
Total	130.67	132.20	133.74	135.25	136.72	138.18	139.63	1.4%
	0.9945334	0.9943833	0.9942374	0.994094	0.993957	0.9938243	0.9936948	
Water Heaters (million units)								
Electric	53.67	54.22	54.79	55.35	55.89	56.44	56.98	1.1%
Natural Gas	77.35	78.06	78.77	79.47	80.14	80.80	81.45	1.1%
Distillate Fuel Oil	3.87	3.84	3.82	3.79	3.76	3.73	3.70	-0.8%
Liquefied Petroleum Gases	4.07	4.11	4.15	4.19	4.23	4.27	4.31	1.2%
Solar Thermal	0.71	0.73	0.74	0.76	0.78	0.79	0.81	3.0%
Total	139.67	140.96	142.27	143.56	144.80	146.03	147.25	1.1%
	0.3842651	0.3846715	0.3850982	0.3855489	0.3860145	0.3864879	0.3869603	
Cooking Equipment (million units) 1/								
Electric	90.18	91.19	92.21	93.21	94.19	95.16	96.13	1.3%
Natural Gas	44.14	44.39	44.64	44.88	45.11	45.34	45.56	0.7%

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Table 21. Residential Sector Equipment

	2024	2025	2026	2027	2028	2029	2030	2005-2030
Liquefied Petroleum Gases	5.62	5.66	5.69	5.73	5.76	5.79	5.82	0.7%
Total	139.94	141.23	142.54	143.82	145.06	146.29	147.51	1.1%
Clothes Dryers (million units)								
Electric	90.29	91.43	92.58	93.70	94.79	95.87	96.94	1.5%
Natural Gas	23.03	23.25	23.47	23.69	23.90	24.10	24.30	1.2%
Total	113.31	114.68	116.05	117.39	118.69	119.97	121.24	1.4%
Other Appliances (million units)								
Refrigerators	160.59	161.94	163.30	164.64	165.93	167.20	168.48	1.0%
Freezers	43.34	43.68	44.01	44.34	44.66	44.96	45.27	0.9%
Stock Average Equipment Efficiency								
Main Space Heaters								
Electric Heat Pumps (HSPF)	8.16	8.17	8.18	8.19	8.20	8.21	8.21	0.5%
Natural Gas Heat Pumps (GCOP)	1.43	1.44	1.45	1.46	1.47	1.47	1.48	0.5%
Geothermal Heat Pumps (COP)	3.63	3.64	3.66	3.67	3.69	3.70	3.71	0.2%
Natural Gas Furnace (AFUE)	0.87	0.87	0.87	0.87	0.87	0.87	0.87	0.3%
Distillate Furnace (AFUE)	0.83	0.83	0.83	0.83	0.83	0.83	0.83	0.1%
Space Cooling								
Electric Heat Pumps (SEER)	13.55	13.58	13.61	13.62	13.63	13.64	13.65	0.9%
Natural Gas Heat Pumps (GCOP)	0.65	0.66	0.66	0.67	0.67	0.68	0.68	0.4%
Geothermal Heat Pumps (EER)	16.61	16.69	16.77	16.85	16.93	17.00	17.07	0.2%
Central Air Conditioners (SEER)	13.40	13.44	13.47	13.49	13.50	13.52	13.53	1.0%
Room Air Conditioners (EER)	10.25	10.27	10.28	10.29	10.30	10.30	10.31	0.4%
Water Heaters								
Electric (EF)	0.91	0.91	0.91	0.92	0.92	0.92	0.92	0.1%
Natural Gas (EF)	0.60	0.60	0.61	0.61	0.61	0.61	0.61	0.3%
Distillate Fuel Oil (EF)	0.55	0.55	0.55	0.55	0.55	0.55	0.55	0.0%
Liquefied Petroleum Gases (EF)	0.61	0.61	0.61	0.61	0.61	0.61	0.61	0.3%

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Table 21. Residential Sector Equipment 1

	2024	2025	2026	2027	2028	2029	2030	2005-2030
Other Appliances (kilowatthours per year) 2/								
Refrigerators	512.86	511.15	509.96	509.35	508.91	508.54	508.24	-1.2%
Freezers	433.65	434.26	434.82	435.32	435.74	436.08	436.35	-0.5%
Building Shell Efficiency Index 3/								
Space Heating								
Pre-1998 Homes	0.93	0.93	0.92	0.92	0.92	0.91	0.91	-0.3%
New Construction	0.81	0.81	0.81	0.81	0.81	0.81	0.81	-0.1%
All Homes	0.89	0.89	0.89	0.89	0.88	0.88	0.88	-0.4%
Space Cooling								
Pre-1998 Homes	0.97	0.97	0.97	0.97	0.97	0.97	0.97	-0.1%
New Construction	1.02	1.02	1.02	1.02	1.02	1.02	1.02	-0.1%
All Homes	0.99	0.99	0.99	0.99	0.99	0.99	0.99	0.0%

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Table 21. Residential Sector Equipment

	2024	2025	2026	2027	2028	2029	2030	2005-2030
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1/ Does not include microwave ovens or ovens
 2/ Kilowatt-hours per year to run the appliance
 3/ The building shell efficiency index sets the base
 represent the change in heating and cooling loads. For
 example, a value of 1.05 for cooling in the New England
 efficiency gains from better insulation and window
 HSPF = Heating Seasonal Performance Factor
 watt-hours during the same period.
 COP = Coefficient of Performance: Energy
 GCOP = Gas Coefficient of Performance: Heating
 AFUE = Annual Fuel Utilization Efficiency:
 SEER = Seasonal Energy Efficiency Ratio: Cooling
 by the total electric energy input in watt-hours
 EER = Energy Efficiency Ratio: A ratio calculated
 per hour per watt.
 EF = Efficiency Factor: Efficiency (measured in
 kWh/y = Kilowatt hours per year to run the appliance
 Btu = British thermal unit.
 N/A = Not applicable.
 Note: Totals may not equal sum of components
 Source: Energy Information Administration

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Table 22. Commercial Sector Energy Consumption, Floorspace, and Equipment Efficiency

	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013
Commercial Building Delivered Energy Consumption (quadrillion Btu) 1/										
Assembly	0.55	0.55	0.53	0.55	0.56	0.56	0.57	0.58	0.58	0.59
Education	0.87	0.88	0.87	0.90	0.92	0.94	0.96	0.98	1.00	1.02
Food Sales	0.25	0.26	0.26	0.26	0.27	0.27	0.28	0.28	0.28	0.29
Food Service	0.43	0.44	0.43	0.43	0.44	0.45	0.45	0.46	0.47	0.48
Health Care	0.40	0.40	0.40	0.41	0.42	0.43	0.44	0.45	0.47	0.48
Lodging	0.59	0.58	0.57	0.57	0.58	0.59	0.59	0.61	0.62	0.64
Office - Large	0.71	0.73	0.73	0.75	0.77	0.79	0.81	0.83	0.84	0.86
Office - Small	0.54	0.56	0.56	0.58	0.60	0.61	0.62	0.64	0.65	0.66
Mercantile/Service	1.37	1.41	1.41	1.44	1.47	1.50	1.53	1.56	1.59	1.62
Warehouse	0.40	0.40	0.40	0.42	0.43	0.44	0.44	0.45	0.46	0.47
Other	0.50	0.51	0.50	0.53	0.55	0.56	0.58	0.60	0.62	0.63
Total	6.60	6.71	6.67	6.86	7.01	7.15	7.27	7.43	7.59	7.75
Commercial Building Floorspace (billion square feet)										
Assembly	7.79	7.89	7.99	8.06	8.12	8.19	8.26	8.34	8.42	8.50
Education	10.14	10.38	10.62	10.84	11.05	11.25	11.46	11.65	11.85	12.04
Food Sales	1.28	1.30	1.33	1.35	1.36	1.38	1.40	1.42	1.44	1.46
Food Service	1.68	1.72	1.75	1.78	1.80	1.83	1.86	1.88	1.91	1.94
Health Care	1.95	1.99	2.04	2.09	2.13	2.17	2.22	2.26	2.31	2.35
Lodging	5.19	5.29	5.40	5.49	5.59	5.68	5.77	5.87	5.96	6.06
Office - Large	6.91	6.97	7.03	7.09	7.15	7.21	7.28	7.35	7.42	7.49
Office - Small	6.67	6.73	6.80	6.87	6.94	7.02	7.09	7.17	7.25	7.33
Mercantile/Service	15.59	15.94	16.28	16.58	16.86	17.13	17.40	17.68	17.95	18.23
Warehouse	10.26	10.44	10.65	10.81	10.98	11.14	11.31	11.50	11.69	11.89
Other	5.52	5.62	5.73	5.88	6.04	6.19	6.33	6.48	6.63	6.77
Total	72.99	74.28	75.61	76.84	78.03	79.20	80.38	81.60	82.83	84.06

Stock Average Equipment Efficiency 2/

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Table 22. Commercial Sector Energy Consumption, Floorspace, and Equipment Efficiency

	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013
Space Heating										
Electricity	1.10	1.11	1.13	1.14	1.16	1.17	1.18	1.19	1.20	1.20
Natural Gas	0.73	0.74	0.75	0.76	0.76	0.77	0.77	0.77	0.77	0.78
Distillate Fuel Oil	0.75	0.76	0.76	0.77	0.77	0.78	0.78	0.78	0.78	0.78
Space Cooling										
Electricity	2.77	2.80	2.83	2.86	2.89	2.91	2.96	3.01	3.06	3.10
Natural Gas	0.79	0.80	0.83	0.86	0.88	0.90	0.92	0.94	0.96	0.97
Water Heating										
Electricity	0.98	0.98	0.99	0.99	0.99	0.99	0.99	0.99	0.99	0.99
Natural Gas	0.79	0.82	0.85	0.86	0.87	0.88	0.88	0.89	0.89	0.90
Distillate Fuel Oil	0.76	0.77	0.77	0.77	0.77	0.77	0.77	0.77	0.77	0.77
Ventilation (cubic feet per minute per Btu) 3/ Electricity	0.23	0.23	0.24	0.24	0.24	0.24	0.25	0.25	0.25	0.25
Cooking										
Electricity	0.71	0.71	0.72	0.72	0.73	0.73	0.73	0.73	0.74	0.74
Natural Gas	0.51	0.51	0.52	0.52	0.52	0.52	0.52	0.52	0.52	0.52
Lighting Efficacy 4/ (efficacy in lumens per watt) Electricity	37.90	39.04	40.05	40.93	41.69	42.34	42.90	43.34	43.70	44.00
Refrigeration Electricity	1.74	1.76	1.78	1.79	1.81	1.82	1.84	1.85	1.87	1.88

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Table 22. Commercial Sector Energy Consumption, Floorspace, and Equipment Efficiency

	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013
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1/ Excludes commercial sector energy consumption (from uses such as street lights) that is not attributable to buildings.

2/ Unless noted otherwise, the efficiency measures are in the terms of Btu of energy output divided by Btu of energy input.

3/ The efficiency measure for ventilation is in terms of cubic feet per minute (cfm) of ventilation air delivered divided by Btu of energy input.

4/ A measurement of the ratio of light produced by a light source to the electrical power used to produce that quantity of light, expressed in lumens per watt.
Btu = British thermal unit.

Note: Totals may not equal sum of components due to independent rounding.

Source: Energy Information Administration, AEO2007 National Energy Modeling System run aeo2007.d112106a.

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Table 22. Commercial Sector Energy Con

	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023
Commercial Building Delivered										
Energy Consumption (quadrillion Btu) 1/										
Assembly	0.60	0.60	0.61	0.61	0.62	0.62	0.63	0.64	0.64	0.65
Education	1.04	1.06	1.07	1.08	1.10	1.11	1.13	1.14	1.16	1.17
Food Sales	0.29	0.30	0.30	0.30	0.31	0.31	0.31	0.32	0.32	0.33
Food Service	0.48	0.49	0.50	0.50	0.51	0.52	0.52	0.53	0.54	0.55
Health Care	0.49	0.50	0.51	0.52	0.53	0.54	0.55	0.56	0.57	0.58
Lodging	0.65	0.67	0.68	0.69	0.70	0.72	0.73	0.75	0.76	0.78
Office - Large	0.88	0.89	0.91	0.92	0.93	0.95	0.96	0.98	0.99	1.01
Office - Small	0.67	0.68	0.69	0.70	0.71	0.72	0.73	0.74	0.75	0.76
Mercantile/Service	1.65	1.68	1.70	1.72	1.75	1.78	1.81	1.84	1.87	1.90
Warehouse	0.48	0.49	0.50	0.51	0.51	0.52	0.53	0.54	0.55	0.56
Other	0.65	0.66	0.68	0.70	0.71	0.73	0.74	0.76	0.78	0.80
Total	7.88	8.02	8.14	8.26	8.39	8.52	8.65	8.79	8.94	9.08
Commercial Building Floorspace										
(billion square feet)										
Assembly	8.58	8.66	8.74	8.82	8.90	8.99	9.08	9.17	9.26	9.36
Education	12.23	12.41	12.59	12.78	12.96	13.14	13.33	13.51	13.71	13.90
Food Sales	1.48	1.50	1.52	1.54	1.55	1.57	1.59	1.62	1.64	1.66
Food Service	1.97	1.99	2.02	2.05	2.08	2.11	2.13	2.16	2.19	2.23
Health Care	2.40	2.45	2.49	2.54	2.59	2.64	2.69	2.74	2.79	2.84
Lodging	6.17	6.27	6.37	6.48	6.59	6.70	6.81	6.93	7.06	7.19
Office - Large	7.56	7.62	7.68	7.74	7.80	7.86	7.93	8.00	8.07	8.15
Office - Small	7.41	7.49	7.56	7.63	7.71	7.78	7.86	7.94	8.02	8.11
Mercantile/Service	18.51	18.80	19.08	19.37	19.67	19.97	20.28	20.61	20.95	21.31
Warehouse	12.09	12.29	12.50	12.70	12.92	13.13	13.35	13.57	13.80	14.03
Other	6.92	7.07	7.22	7.38	7.53	7.69	7.85	8.01	8.17	8.34
Total	85.30	86.54	87.78	89.03	90.29	91.57	92.89	94.26	95.67	97.12

Stock Average Equipment Efficiency 2/

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Table 22. Commercial Sector Energy Con

	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023
Space Heating										
Electricity	1.21	1.22	1.22	1.23	1.23	1.24	1.25	1.25	1.26	1.27
Natural Gas	0.78	0.78	0.78	0.78	0.78	0.79	0.79	0.79	0.79	0.79
Distillate Fuel Oil	0.78	0.78	0.78	0.78	0.79	0.79	0.79	0.79	0.79	0.79
Space Cooling										
Electricity	3.14	3.18	3.22	3.25	3.29	3.32	3.35	3.38	3.41	3.44
Natural Gas	0.99	1.00	1.01	1.02	1.04	1.05	1.06	1.07	1.07	1.08
Water Heating										
Electricity	0.99	0.99	0.99	0.99	0.99	0.99	0.99	0.99	0.99	0.99
Natural Gas	0.90	0.90	0.90	0.91	0.91	0.91	0.91	0.91	0.91	0.91
Distillate Fuel Oil	0.77	0.77	0.77	0.77	0.77	0.77	0.78	0.78	0.78	0.78
Ventilation (cubic feet per minute per Btu) 3/ Electricity	0.25	0.26	0.26	0.26	0.26	0.26	0.26	0.27	0.27	0.27
Cooking										
Electricity	0.74	0.74	0.74	0.74	0.75	0.75	0.75	0.75	0.75	0.75
Natural Gas	0.52	0.52	0.52	0.52	0.52	0.52	0.52	0.52	0.52	0.52
Lighting Efficacy 4/ (efficacy in lumens per watt) Electricity	44.27	44.52	44.74	44.96	45.16	45.33	45.49	45.64	45.77	45.91
Refrigeration Electricity	1.89	1.90	1.90	1.91	1.92	1.92	1.92	1.93	1.93	1.94

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Table 22. Commercial Sector Energy Con

	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023
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1/ Excludes commercial sector energy cons
2/ Unless noted otherwise, the efficiency m
3/ The efficiency measure for ventilation is i
4/ A measurement of the ratio of light produ
Btu = British thermal unit.
Note: Totals may not equal sum of compor
Source: Energy Information Administration

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Table 22. Commercial Sector Energy Con

	2024	2025	2026	2027	2028	2029	2030	2005- 2030
Commercial Building Delivered								
Energy Consumption (quadrillion Btu) 1/								
Assembly	0.65	0.66	0.67	0.68	0.68	0.69	0.70	1.0%
Education	1.19	1.20	1.22	1.24	1.26	1.28	1.29	1.6%
Food Sales	0.33	0.34	0.34	0.35	0.35	0.36	0.36	1.3%
Food Service	0.55	0.56	0.57	0.58	0.59	0.60	0.61	1.4%
Health Care	0.59	0.60	0.62	0.63	0.64	0.65	0.66	2.0%
Lodging	0.79	0.81	0.83	0.84	0.86	0.88	0.89	1.7%
Office - Large	1.03	1.05	1.07	1.09	1.11	1.14	1.16	1.9%
Office - Small	0.77	0.79	0.80	0.81	0.82	0.83	0.85	1.7%
Mercantile/Service	1.93	1.96	2.00	2.04	2.07	2.11	2.15	1.7%
Warehouse	0.57	0.58	0.59	0.60	0.61	0.62	0.63	1.8%
Other	0.81	0.83	0.85	0.87	0.89	0.91	0.93	2.4%
Total	9.22	9.38	9.55	9.71	9.88	10.05	10.23	1.7%
Commercial Building Floorspace								
(billion square feet)								
Assembly	9.46	9.56	9.67	9.78	9.88	10.00	10.11	1.0%
Education	14.11	14.31	14.53	14.75	14.97	15.21	15.44	1.6%
Food Sales	1.68	1.71	1.73	1.76	1.78	1.81	1.83	1.4%
Food Service	2.26	2.29	2.33	2.36	2.40	2.43	2.47	1.5%
Health Care	2.89	2.95	3.00	3.06	3.11	3.17	3.23	1.9%
Lodging	7.32	7.45	7.59	7.73	7.87	8.00	8.14	1.7%
Office - Large	8.22	8.31	8.39	8.47	8.55	8.64	8.72	0.9%
Office - Small	8.21	8.30	8.39	8.49	8.59	8.68	8.78	1.1%
Mercantile/Service	21.68	22.05	22.44	22.83	23.22	23.63	24.03	1.7%
Warehouse	14.26	14.50	14.75	14.99	15.24	15.49	15.74	1.7%
Other	8.51	8.68	8.85	9.02	9.19	9.37	9.55	2.1%
Total	98.60	100.12	101.66	103.23	104.82	106.42	108.03	1.5%

Stock Average Equipment Efficiency 2/

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Table 22. Commercial Sector Energy Con

	2024	2025	2026	2027	2028	2029	2030	2005-2030
Space Heating								
Electricity	1.27	1.28	1.28	1.29	1.29	1.30	1.31	0.6%
Natural Gas	0.79	0.79	0.79	0.79	0.80	0.80	0.80	0.3%
Distillate Fuel Oil	0.79	0.79	0.79	0.79	0.79	0.79	0.79	0.2%
Space Cooling								
Electricity	3.46	3.49	3.51	3.53	3.56	3.58	3.59	1.0%
Natural Gas	1.09	1.10	1.10	1.11	1.11	1.12	1.12	1.3%
Water Heating								
Electricity	0.99	0.99	0.99	0.99	0.99	0.99	0.99	0.0%
Natural Gas	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.5%
Distillate Fuel Oil	0.78	0.78	0.78	0.78	0.78	0.78	0.78	0.1%
Ventilation (cubic feet per minute per Btu) 3/ Electricity	0.27	0.27	0.27	0.27	0.27	0.28	0.28	0.7%
Cooking								
Electricity	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.2%
Natural Gas	0.52	0.52	0.52	0.52	0.52	0.52	0.52	0.1%
Lighting Efficacy 4/ (efficacy in lumens per watt) Electricity	46.04	46.15	46.26	46.35	46.43	46.52	46.59	0.7%
Refrigeration Electricity	1.94	1.94	1.94	1.94	1.94	1.95	1.95	0.4%

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Table 22. Commercial Sector Energy Con

	2024	2025	2026	2027	2028	2029	2030	2005- 2030
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1/ Excludes commercial sector energy cons
2/ Unless noted otherwise, the efficiency m
3/ The efficiency measure for ventilation is i
4/ A measurement of the ratio of light produ
Btu = British thermal unit.
Note: Totals may not equal sum of compor
Source: Energy Information Administration

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Table 23. Industrial Sector Macroeconomic Indicators

	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013
GDP (billion 2000 dollars)	10703.5	11048.6	11415.0	11696.0	12051.9	12419.0	12790.3	13175.1	13529.9	13895.4
Nonfarm Employment (millions)	131.4	133.4	135.4	136.7	138.6	140.4	141.9	143.3	144.3	145.1
Value of Shipments (billion 2000 dollars)										
Nonmanufacturing Sector										
Agriculture/Forestry/Fishing/Hunting	270.5	268.1	268.5	268.8	268.3	271.7	276.8	279.6	281.6	283.8
Mining	219.7	220.5	228.8	236.8	240.9	242.2	242.5	243.0	245.4	244.1
Construction	1003.7	1049.6	1060.0	1041.2	1049.1	1056.4	1076.8	1089.8	1102.0	1123.8
Manufacturing Sector										
Food Products	450.0	470.1	477.6	489.8	497.5	505.9	513.9	521.3	530.4	539.6
Beverages and Tobacco Products	103.7	103.0	105.5	104.6	103.0	101.5	100.9	101.0	101.9	103.2
Textile Mills and Products	76.9	74.7	73.0	69.8	66.9	64.8	63.7	63.0	62.6	62.3
Apparel	42.3	42.6	44.6	42.5	39.8	37.4	35.4	33.8	32.5	31.1
Wood Products	97.1	98.8	100.6	96.7	92.6	90.7	91.8	93.3	93.8	94.7
Furniture and Related Products	79.2	81.4	84.4	83.3	85.0	85.5	87.6	89.5	90.8	92.5
Paper Products	157.4	155.8	158.0	160.4	160.9	161.4	163.0	165.8	169.0	171.9
Printing	83.9	78.4	77.9	77.5	77.1	77.5	78.4	79.1	79.8	80.4
Chemical Manufacturing	469.8	458.6	467.3	485.6	493.9	500.2	509.6	521.9	534.5	547.8
Bulk Chemicals	200.4	188.3	195.5	206.3	209.4	208.3	208.4	209.9	210.7	211.3
Inorganic	29.7	29.2	30.3	30.4	30.4	30.0	29.8	29.8	29.7	29.5
Organic	82.2	73.5	76.7	82.1	84.2	84.1	84.1	84.7	85.1	85.4
Resin, Synthetic Rubber, and Fibers	70.1	66.8	70.2	75.4	77.0	76.5	76.6	77.2	77.7	78.2
Agricultural Chemicals	18.4	18.8	18.3	18.3	17.8	17.7	17.8	18.2	18.1	18.1
Other Chemical Products	269.4	270.4	271.8	279.3	284.5	292.0	301.2	312.0	323.8	336.5
Petroleum and Coal Products	246.7	243.3	245.5	251.2	254.1	258.5	260.9	264.9	269.0	271.9
Petroleum Refineries	224.5	222.4	226.6	231.2	233.4	237.5	239.6	243.0	246.3	248.5
Other Petroleum and Coal Products	22.2	20.9	19.0	20.0	20.7	21.0	21.3	21.9	22.7	23.4
Plastics and Rubber Products	180.1	179.8	181.0	184.7	186.9	188.3	191.5	195.9	200.6	205.4
Leather and Leather Products	5.2	5.2	5.1	4.8	4.6	4.5	4.4	4.3	4.2	4.1

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Table 23. Industrial Sector Macroeconomic Indicators

	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013
Stone, Clay, and Glass Products	91.5	94.8	98.0	101.9	103.8	104.3	105.0	106.5	108.4	110.8
Glass and Glass Products	22.0	21.3	21.1	22.2	23.0	23.4	23.7	24.0	24.7	25.6
Cement Manufacturing	7.6	7.8	8.2	8.4	8.5	8.5	8.5	8.5	8.6	8.7
Other Nonmetallic Mineral Products	61.8	65.7	68.7	71.3	72.3	72.4	72.8	73.9	75.2	76.4
Primary Metals Industry	144.3	140.2	147.9	151.0	152.5	153.6	155.4	157.6	160.4	163.1
Iron and Steel Mills and Products	68.5	64.3	69.5	71.0	72.0	72.5	73.6	74.3	75.3	76.3
Alumina and Aluminum Products	30.4	30.2	29.8	30.6	31.0	31.1	31.1	31.6	32.3	32.8
Other Primary Metal Products	45.4	45.8	48.5	49.4	49.6	50.0	50.7	51.7	52.8	53.9
Fabricated Metal Products	250.9	251.9	263.6	268.3	273.5	277.3	278.9	283.3	289.0	294.9
Machinery	278.2	295.9	314.1	318.1	317.1	316.9	318.9	323.2	331.0	340.4
Computers and Electronics	494.8	543.9	581.8	616.2	640.8	671.7	701.7	733.7	770.6	806.0
Transportation Equipment	666.2	661.6	665.7	674.8	699.7	730.6	755.2	794.8	823.9	847.9
Electrical Equipment	106.8	108.3	112.4	116.8	118.9	121.4	123.9	125.8	128.5	131.2
Miscellaneous Manufacturing	131.8	136.4	137.7	142.9	149.2	155.1	162.2	169.4	176.3	183.6
Total Industrial Value of Shipments	5650.6	5762.9	5899.1	5987.7	6076.1	6177.7	6298.2	6440.5	6586.2	6734.6

GDP = Gross domestic product.

Note: Totals may not equal sum of components due to independent rounding.

Source: 2005: Global Insight macroeconomic model CTL0806. Projections: Energy Information Administration, AEO2007 National Energy Modeling System run ae

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Table 23. Industrial Sector Macroeconom

	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023
GDP (billion 2000 dollars)	14290.3	14697.7	15139.2	15611.0	16072.4	16560.0	17076.9	17583.9	18081.9	18590.2
Nonfarm Employment (millions)	146.0	147.0	148.1	149.6	151.1	152.8	154.6	156.4	158.0	159.5
Value of Shipments (billion 2000 dollars)										
Nonmanufacturing Sector										
Agriculture/Forestry/Fishing/Hunting	285.1	287.8	291.0	293.4	294.8	296.7	298.8	300.9	303.0	305.5
Mining	248.0	248.6	249.3	250.2	252.2	255.6	256.8	258.0	258.6	258.2
Construction	1141.3	1164.5	1193.3	1216.1	1241.4	1264.4	1290.8	1308.6	1321.3	1332.7
Manufacturing Sector										
Food Products	547.4	556.5	565.9	573.1	581.4	590.3	600.3	610.4	621.1	631.5
Beverages and Tobacco Products	104.4	105.5	106.8	107.3	107.6	108.2	108.8	109.5	110.0	110.6
Textile Mills and Products	61.9	61.8	61.7	61.0	60.0	59.2	58.5	57.7	56.7	55.8
Apparel	29.8	28.5	27.3	26.2	25.2	24.2	23.2	22.3	21.3	20.4
Wood Products	95.9	98.6	101.7	102.8	103.4	104.5	105.6	105.9	106.3	106.0
Furniture and Related Products	94.4	95.7	97.6	99.6	101.4	103.3	105.0	107.1	109.0	111.3
Paper Products	174.4	176.7	179.3	181.2	182.9	185.2	187.7	190.2	192.6	195.0
Printing	81.1	81.8	82.6	83.4	84.1	84.8	85.4	86.0	86.6	87.3
Chemical Manufacturing	561.7	576.6	592.7	605.9	616.0	627.5	639.6	651.8	663.9	676.8
Bulk Chemicals	211.9	212.2	212.7	212.6	212.4	213.7	215.2	216.5	217.4	218.5
Inorganic	29.3	29.0	28.8	28.5	28.1	27.9	27.8	27.6	27.5	27.2
Organic	85.9	86.2	86.5	86.6	86.5	87.2	88.1	88.9	89.8	90.5
Resin, Synthetic Rubber, and Fibers	78.6	79.0	79.6	79.8	80.1	80.8	81.5	82.1	82.5	82.9
Agricultural Chemicals	18.1	18.0	17.8	17.7	17.7	17.8	17.8	17.8	17.7	17.8
Other Chemical Products	349.9	364.3	380.0	393.2	403.6	413.8	424.4	435.3	446.5	458.3
Petroleum and Coal Products	274.6	278.2	280.8	282.5	285.7	289.0	292.0	296.3	300.9	301.2
Petroleum Refineries	250.7	253.8	256.3	258.0	260.8	263.7	266.3	270.3	274.5	274.4
Other Petroleum and Coal Products	23.9	24.4	24.5	24.6	24.9	25.3	25.7	26.0	26.4	26.8
Plastics and Rubber Products	210.2	215.1	220.7	225.0	228.4	232.6	237.6	242.3	246.8	251.2
Leather and Leather Products	4.0	4.0	3.9	3.8	3.7	3.6	3.5	3.5	3.4	3.3

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Table 23. Industrial Sector Macroeconom

	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023
Stone, Clay, and Glass Products	112.9	115.4	118.1	119.9	121.0	122.9	125.5	127.5	129.4	131.1
Glass and Glass Products	26.6	27.5	28.1	28.5	28.7	29.3	30.2	30.8	31.5	32.1
Cement Manufacturing	8.8	8.9	9.0	9.0	9.1	9.2	9.4	9.5	9.6	9.7
Other Nonmetallic Mineral Products	77.5	79.1	81.0	82.4	83.2	84.4	85.9	87.2	88.3	89.3
Primary Metals Industry	165.0	167.0	168.5	168.8	170.6	173.4	176.3	178.8	180.9	182.7
Iron and Steel Mills and Products	77.1	78.0	78.4	78.2	78.9	80.0	81.1	82.0	82.8	83.4
Alumina and Aluminum Products	33.2	33.7	34.1	34.0	34.2	34.9	35.6	35.9	36.3	36.6
Other Primary Metal Products	54.6	55.3	56.0	56.6	57.5	58.5	59.7	60.8	61.8	62.8
Fabricated Metal Products	300.9	307.4	313.1	317.6	321.0	325.7	331.1	336.6	342.3	348.4
Machinery	350.2	360.6	370.8	379.1	385.4	393.1	402.1	411.6	421.0	431.1
Computers and Electronics	841.4	882.7	926.2	961.1	1000.0	1041.6	1088.7	1136.4	1187.0	1238.6
Transportation Equipment	865.3	882.9	899.6	911.1	928.8	950.1	969.8	990.7	1017.3	1030.2
Electrical Equipment	133.8	136.5	139.3	142.3	145.5	148.8	152.2	155.6	159.2	163.0
Miscellaneous Manufacturing	191.9	200.7	210.4	219.3	226.0	232.6	239.5	247.0	255.1	264.2
Total Industrial Value of Shipments	6875.8	7032.9	7200.1	7330.7	7466.4	7617.2	7779.0	7934.5	8093.8	8236.1

GDP = Gross domestic product.

Note: Totals may not equal sum of compor

Source: 2005: Global Insight macroeconoio2007.d112106a.

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Table 23. Industrial Sector Macroeconom

	2024	2025	2026	2027	2028	2029	2030	2005-2030
GDP (billion 2000 dollars)	19118.5	19666.4	20225.4	20784.9	21338.3	21909.4	22494.2	2.9%
Nonfarm Employment (millions)	160.9	162.3	163.7	165.2	166.6	167.9	169.2	1.0%
Value of Shipments (billion 2000 dollars)								
Nonmanufacturing Sector								
Agriculture/Forestry/Fishing/Hunting	307.9	310.6	313.2	315.7	317.9	320.6	323.0	0.7%
Mining	257.1	255.8	255.0	255.2	255.7	256.2	255.8	0.6%
Construction	1349.5	1373.4	1396.7	1412.7	1416.1	1426.5	1444.4	1.3%
Manufacturing Sector								
Food Products	643.5	656.2	668.9	682.1	695.6	707.4	720.4	1.7%
Beverages and Tobacco Products	111.3	112.0	112.7	113.5	114.3	115.1	115.9	0.5%
Textile Mills and Products	55.2	55.0	54.8	54.2	53.3	52.3	51.4	-1.5%
Apparel	19.5	18.7	18.0	17.2	16.4	15.6	14.8	-4.1%
Wood Products	107.4	110.0	111.9	112.3	111.8	112.0	113.4	0.6%
Furniture and Related Products	113.1	115.2	117.6	120.2	122.7	126.4	129.5	1.9%
Paper Products	197.3	200.0	202.7	205.6	208.2	211.0	213.5	1.3%
Printing	87.9	88.5	89.2	89.8	90.5	91.3	92.0	0.6%
Chemical Manufacturing	689.7	703.1	717.3	732.4	747.8	764.7	780.9	2.2%
Bulk Chemicals	219.2	220.0	221.1	222.3	223.4	224.9	226.2	0.7%
Inorganic	27.0	26.9	26.7	26.6	26.4	26.2	26.0	-0.5%
Organic	91.1	91.7	92.3	93.1	93.7	94.5	95.1	1.0%
Resin, Synthetic Rubber, and Fibers	83.3	83.8	84.4	85.0	85.7	86.5	87.2	1.1%
Agricultural Chemicals	17.8	17.7	17.7	17.6	17.6	17.7	17.8	-0.2%
Other Chemical Products	470.4	483.0	496.2	510.1	524.4	539.8	554.7	2.9%
Petroleum and Coal Products	304.2	307.5	310.9	314.4	317.1	320.7	324.6	1.2%
Petroleum Refineries	277.0	279.8	282.7	285.7	288.1	291.3	294.9	1.1%
Other Petroleum and Coal Products	27.2	27.7	28.2	28.6	29.1	29.5	29.8	1.4%
Plastics and Rubber Products	255.7	260.9	266.2	271.4	276.2	281.1	285.7	1.9%
Leather and Leather Products	3.2	3.1	3.1	3.0	2.9	2.8	2.7	-2.7%

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Table 23. Industrial Sector Macroeconom

	2024	2025	2026	2027	2028	2029	2030	2005-2030
Stone, Clay, and Glass Products	132.8	135.1	137.2	139.5	141.5	143.0	144.6	1.7%
Glass and Glass Products	32.6	33.2	33.8	34.4	35.0	35.4	35.9	2.1%
Cement Manufacturing	9.8	9.9	10.0	10.1	10.2	10.2	10.3	1.1%
Other Nonmetallic Mineral Products	90.5	92.0	93.5	95.0	96.3	97.3	98.4	1.6%
Primary Metals Industry	185.3	188.2	191.8	194.8	197.5	199.4	201.5	1.5%
Iron and Steel Mills and Products	84.4	85.7	87.1	88.4	89.3	89.7	90.3	1.4%
Alumina and Aluminum Products	37.0	37.2	37.7	38.1	38.6	39.0	39.2	1.1%
Other Primary Metal Products	63.9	65.4	66.9	68.4	69.7	70.8	72.0	1.8%
Fabricated Metal Products	354.4	361.0	368.1	375.4	381.8	387.6	393.9	1.8%
Machinery	441.4	452.6	465.1	477.5	489.0	500.6	512.5	2.2%
Computers and Electronics	1291.5	1349.7	1410.8	1471.4	1533.6	1595.9	1664.8	4.6%
Transportation Equipment	1047.1	1074.6	1100.6	1127.1	1150.8	1167.2	1185.5	2.4%
Electrical Equipment	166.7	170.4	174.3	178.1	182.1	186.3	190.6	2.3%
Miscellaneous Manufacturing	273.4	283.1	293.3	304.2	315.8	328.1	340.1	3.7%
Total Industrial Value of Shipments	8395.1	8584.8	8779.3	8967.7	9138.6	9311.8	9501.5	2.0%

GDP = Gross domestic product.
Note: Totals may not equal sum of compor
Source: 2005: Global Insight macroeconomi

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Table 24. Refining Industry Energy Consumption

	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013
Value of Shipments (billion 2000 dollars)	224.54	222.41	226.55	231.17	233.39	237.46	239.63	243.04	246.31	248.55
Energy Consumption (trillion Btu) 1/										
Residual Fuel Oil	13.8	13.9	14.1	32.8	33.0	33.1	33.2	33.3	33.3	33.4
Distillate Fuel Oil	4.8	4.4	5.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Liquefied Petroleum Gases	12.8	15.0	16.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Petroleum Coke	569.9	563.6	582.1	604.3	588.9	597.1	595.9	631.6	646.3	658.2
Still Gas	1735.2	1624.8	1683.8	1458.3	1519.4	1558.2	1437.6	1573.9	1549.0	1596.4
Other Petroleum 2/	33.8	30.9	33.8	16.0	17.0	15.2	19.2	20.7	22.9	24.2
Petroleum Subtotal	2370.3	2252.7	2335.0	2111.4	2158.3	2203.5	2085.9	2259.5	2251.6	2312.2
Natural Gas	1042.5	972.5	990.3	1204.3	1162.8	1238.5	1449.1	1289.0	1341.7	1317.2
Steam Coal 3/	101.1	115.8	149.4	110.3	114.9	114.9	114.9	193.7	202.9	202.9
Biofuels Heat and Coproducts	212.6	244.8	315.2	354.3	454.0	613.1	688.6	707.4	721.8	727.4
Purchased Electricity	130.4	132.1	135.6	166.3	169.3	178.8	185.7	184.9	189.2	195.0
Total	3856.9	3717.8	3925.5	3946.6	4059.4	4348.9	4524.1	4634.4	4707.1	4754.7
Energy Consumption per Unit of Output (thousand Btu per 2000 dollar shipments)										
Residual Fuel Oil	0.06	0.06	0.06	0.14	0.14	0.14	0.14	0.14	0.14	0.13
Distillate Fuel Oil	0.02	0.02	0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Liquefied Petroleum Gases	0.06	0.07	0.07	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Petroleum Coke	2.54	2.53	2.57	2.61	2.52	2.51	2.49	2.60	2.62	2.65
Still Gas	7.73	7.31	7.43	6.31	6.51	6.56	6.00	6.48	6.29	6.42
Other Petroleum 2/	0.15	0.14	0.15	0.07	0.07	0.06	0.08	0.09	0.09	0.10
Petroleum Subtotal	10.56	10.13	10.31	9.13	9.25	9.28	8.70	9.30	9.14	9.30
Natural Gas	4.64	4.37	4.37	5.21	4.98	5.22	6.05	5.30	5.45	5.30
Steam Coal	0.45	0.52	0.66	0.48	0.49	0.48	0.48	0.80	0.82	0.82
Biofuels Heat and Coproducts	0.95	1.10	1.39	1.53	1.95	2.58	2.87	2.91	2.93	2.93
Purchased Electricity	0.58	0.59	0.60	0.72	0.73	0.75	0.77	0.76	0.77	0.78
Total	17.18	16.72	17.33	17.07	17.39	18.31	18.88	19.07	19.11	19.13
Carbon Dioxide Emissions 4/ (million metric tons)	234.0	224.5	233.9	232.6	234.3	242.9	248.0	257.3	261.0	264.4

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Table 24. Refining Industry Energy Consumption

	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013
Combined Heat and Power										
Generating Capacity (gigawatts)										
Petroleum	0.86	0.86	0.86	0.85	0.87	0.87	0.87	1.07	1.07	1.07
Natural Gas	1.78	1.87	1.87	3.26	3.42	3.42	3.42	3.52	3.52	3.52
Coal	0.02	0.02	0.02	0.00	0.00	0.00	0.00	0.95	1.06	1.06
Other 5/	0.50	0.62	0.62	0.62	0.65	0.65	0.65	0.67	0.67	0.67
Total	3.16	3.36	3.36	4.74	4.94	4.94	4.94	6.20	6.31	6.31
Net Generation (billion kilowatthours)										
Petroleum	1.29	1.10	1.13	6.30	6.43	6.43	6.43	8.13	8.13	8.13
Natural Gas	18.82	16.87	14.55	21.46	22.67	22.67	22.67	23.46	23.46	23.46
Coal	0.27	0.40	0.41	0.00	0.00	0.00	0.00	7.47	8.35	8.35
Other 5/	5.66	4.73	3.67	4.09	4.33	4.33	4.33	4.45	4.45	4.45
Total	26.05	23.10	19.76	31.85	33.42	33.42	33.42	43.50	44.38	44.38
Disposition										
Sales to the Grid	5.97	5.82	6.62	12.20	12.38	12.38	12.38	17.18	17.72	17.72
Generation for Own Use	20.08	17.28	13.14	19.65	21.04	21.04	21.04	26.32	26.66	26.66
Energy Consumed at Ethanol Plants (trillion Btu)										
Natural Gas	49.3	56.0	72.2	113.3	164.5	252.5	291.7	299.1	303.8	308.1
Coal	101.1	115.8	149.4	110.3	114.9	114.9	114.9	114.9	114.9	114.9
Electricity	6.3	7.2	9.3	19.1	24.6	33.3	37.2	37.9	38.4	38.8
Total	156.6	179.0	231.0	242.8	304.0	400.7	443.8	451.9	457.1	461.7

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Table 24. Refining Industry Energy Consumption

	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013
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1/ Fuel consumption includes consumption for combined heat and power and consumption at ethanol plants.

2/ Includes lubricants and miscellaneous petroleum products.

3/ Where coal-to-liquids (CTL) technology is adopted in the forecast, the plants are assumed to produce oil products and to generate electricity. A portion of the coal is used for feedstock use to produce the liquids. The feedstock portion is assumed to be equal to the Btu content of the liquids produced. The rest of the coal used in CTL plants is for industrial steam coal consumption, a portion of which is reflected in energy used for end-use sector combined heat and power.

4/ Includes emissions attributable to the fuels consumed to generate the purchased electricity.

5/ May include wood and other biomass, waste heat, municipal solid waste, and renewable sources.

Btu = British thermal unit.

N/A = Not applicable.

Note: Totals may not equal sum of components due to independent rounding. Data for 2005 are model results and may differ slightly from official EIA data reports.

Source: 2004 and 2005 nonutility and CHP summer capacity, net generation, fuel use, and thermal output: Energy Information Administration (EIA), Form EIA-860: "Generator Report," 2002 (preliminary). 2004 and 2005 coal and natural gas consumption at ethanol plants: Carbon Dioxide Emissions from the Production and Combustion of Ethanol from Corn," Marland, G. and A.F. Turhollow, 1991. 2004 and 2005 electricity consumption at ethanol plants: U.S. Department of Agriculture, 1998 Ethanol Cost Survey, Agricultural Economic Report Number 808. Other 2004 and 2005 data based on: EIA, Manufacturing Energy Consumption Survey, 1998. Projections: EIA, AEO2007 Energy Modeling System run aeo2007.d112106a.

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Table 24. Refining Industry Energy Consumption

	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023
Value of Shipments (billion 2000 dollars)	250.71	253.84	256.31	257.98	260.84	263.70	266.28	270.26	274.49	274.38
Energy Consumption (trillion Btu) 1/										
Residual Fuel Oil	33.4	33.6	33.8	34.0	34.2	34.6	34.8	35.1	35.5	35.7
Distillate Fuel Oil	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Liquefied Petroleum Gases	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.4
Petroleum Coke	661.1	671.7	685.5	694.4	710.1	739.9	769.2	788.6	809.2	814.7
Still Gas	1504.2	1615.5	1627.8	1530.6	1608.8	1652.9	1561.6	1647.4	1707.9	1676.4
Other Petroleum 2/	24.6	24.8	24.0	26.6	27.6	27.9	26.8	27.4	28.5	30.7
Petroleum Subtotal	2223.3	2345.6	2371.1	2285.6	2380.7	2455.2	2392.4	2498.5	2581.2	2559.9
Natural Gas	1445.7	1318.3	1327.4	1453.2	1372.8	1341.2	1473.7	1384.3	1327.1	1358.9
Steam Coal 3/	235.7	235.7	235.7	254.9	280.6	300.2	321.4	341.6	449.3	466.8
Biofuels Heat and Coproducts	730.6	736.1	740.1	747.9	758.7	770.2	777.9	791.5	804.1	809.1
Purchased Electricity	193.3	198.6	200.8	200.7	202.0	206.1	202.6	205.4	210.3	206.9
Total	4828.6	4834.3	4875.2	4942.3	4994.8	5073.0	5168.0	5221.3	5372.0	5401.6
Energy Consumption per Unit of Output (thousand Btu per 2000 dollar shipments)										
Residual Fuel Oil	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13
Distillate Fuel Oil	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Liquefied Petroleum Gases	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01
Petroleum Coke	2.64	2.65	2.67	2.69	2.72	2.81	2.89	2.92	2.95	2.97
Still Gas	6.00	6.36	6.35	5.93	6.17	6.27	5.86	6.10	6.22	6.11
Other Petroleum 2/	0.10	0.10	0.09	0.10	0.11	0.11	0.10	0.10	0.10	0.11
Petroleum Subtotal	8.87	9.24	9.25	8.86	9.13	9.31	8.98	9.25	9.40	9.33
Natural Gas	5.77	5.19	5.18	5.63	5.26	5.09	5.53	5.12	4.83	4.95
Steam Coal	0.94	0.93	0.92	0.99	1.08	1.14	1.21	1.26	1.64	1.70
Biofuels Heat and Coproducts	2.91	2.90	2.89	2.90	2.91	2.92	2.92	2.93	2.93	2.95
Purchased Electricity	0.77	0.78	0.78	0.78	0.77	0.78	0.76	0.76	0.77	0.75
Total	19.26	19.04	19.02	19.16	19.15	19.24	19.41	19.32	19.57	19.69
Carbon Dioxide Emissions 4/ (million metric tons)	268.4	270.2	272.5	275.3	279.4	284.7	288.7	293.1	306.2	307.7

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Table 24. Refining Industry Energy Consi

	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023
Combined Heat and Power										
Generating Capacity (gigawatts)										
Petroleum	1.08	1.08	1.08	1.09	1.09	1.09	1.11	1.11	1.11	1.12
Natural Gas	3.59	3.59	3.59	3.75	3.75	3.75	3.90	3.90	3.90	4.06
Coal	1.46	1.46	1.46	1.69	2.00	2.23	2.49	2.73	4.03	4.24
Other 5/	0.68	0.68	0.68	0.71	0.71	0.71	0.74	0.74	0.74	0.77
Total	6.81	6.81	6.81	7.24	7.55	7.79	8.24	8.48	9.78	10.19
Net Generation (billion kilowatthours)										
Petroleum	8.19	8.19	8.19	8.25	8.31	8.31	8.44	8.44	8.44	8.56
Natural Gas	24.07	24.07	24.07	24.67	25.28	25.28	26.50	26.50	26.50	27.71
Coal	11.46	11.46	11.46	13.28	15.71	17.58	19.58	21.50	31.72	33.37
Other 5/	4.56	4.56	4.56	4.68	4.80	4.80	5.04	5.04	5.04	5.27
Total	48.28	48.28	48.28	50.89	54.11	55.98	59.56	61.47	71.69	74.92
Disposition										
Sales to the Grid	19.80	19.80	19.80	21.08	22.60	23.74	25.16	26.34	32.62	33.83
Generation for Own Use	28.48	28.48	28.48	29.81	31.51	32.23	34.39	35.13	39.07	41.09
Energy Consumed at Ethanol Plants (trillion Btu)										
Natural Gas	311.0	314.6	316.9	322.0	329.1	336.7	341.8	350.7	359.0	362.3
Coal	114.9	114.9	114.9	114.9	114.9	114.9	114.9	114.9	114.9	114.9
Electricity	39.1	39.4	39.7	40.2	40.9	41.6	42.1	43.0	43.8	44.2
Total	465.0	468.9	471.5	477.0	484.9	493.2	498.8	508.6	517.7	521.4

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Table 24. Refining Industry Energy Consi

	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023
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1/ Fuel consumption includes consumption
2/ Includes lubricants and miscellaneous pe
3/ Where coal-to-liquids (CTL) technology use is attributed
to feedstock use to produce the liquids. The fs is accounted
for in industrial steam coal consumption, a poi
4/ Includes emissions attributable to the fue
5/ May include wood and other biomass, wa
Btu = British thermal unit.
N/A = Not applicable.
Note: Totals may not equal sum of compor
Source: 2004 and 2005 nonutility and CF "Annual Electric
Generator Report," 2002 (preliminary). 2004 stion of Fuel
Ethanol from Corn," Marland, G. and A.F. Turf-of-Production
Survey, Agricultural Economic Report NumbeO2007 National
Energy Modeling System run aeo2007.d1121(

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Table 24. Refining Industry Energy Consumption

	2024	2025	2026	2027	2028	2029	2030	2005-2030
Value of Shipments (billion 2000 dollars)	277.00	279.80	282.68	285.72	288.08	291.29	294.87	1.1%
Energy Consumption (trillion Btu) 1/								
Residual Fuel Oil	35.9	36.1	36.2	36.5	36.7	37.0	37.3	4.0%
Distillate Fuel Oil	0.0	0.0	0.0	0.0	0.0	0.0	0.0	N/A
Liquefied Petroleum Gases	5.6	14.6	0.0	5.0	8.6	23.6	27.6	2.5%
Petroleum Coke	828.7	840.4	835.8	848.9	848.9	860.9	870.3	1.8%
Still Gas	1680.5	1571.3	1733.1	1748.8	1651.4	1637.1	1781.2	0.4%
Other Petroleum 2/	31.1	32.0	32.4	34.4	35.9	39.4	40.1	1.0%
Petroleum Subtotal	2581.8	2494.4	2637.6	2673.6	2581.4	2598.1	2756.6	0.8%
Natural Gas	1367.9	1535.2	1355.6	1356.6	1505.7	1525.4	1360.0	1.4%
Steam Coal 3/	594.5	784.2	921.6	920.8	992.9	1017.8	1047.4	9.2%
Biofuels Heat and Coproducts	819.3	832.8	841.1	850.5	856.2	866.2	876.2	5.2%
Purchased Electricity	210.6	215.1	212.6	217.0	220.0	220.7	224.5	2.1%
Total	5574.0	5861.7	5968.4	6018.5	6156.3	6228.1	6264.6	2.1%
Energy Consumption per Unit of Output (thousand Btu per 2000 dollar shipments)								
Residual Fuel Oil	0.13	0.13	0.13	0.13	0.13	0.13	0.13	2.9%
Distillate Fuel Oil	0.00	0.00	0.00	0.00	0.00	0.00	0.00	N/A
Liquefied Petroleum Gases	0.02	0.05	0.00	0.02	0.03	0.08	0.09	1.3%
Petroleum Coke	2.99	3.00	2.96	2.97	2.95	2.96	2.95	0.6%
Still Gas	6.07	5.62	6.13	6.12	5.73	5.62	6.04	-0.8%
Other Petroleum 2/	0.11	0.11	0.11	0.12	0.12	0.14	0.14	-0.1%
Petroleum Subtotal	9.32	8.91	9.33	9.36	8.96	8.92	9.35	-0.3%
Natural Gas	4.94	5.49	4.80	4.75	5.23	5.24	4.61	0.2%
Steam Coal	2.15	2.80	3.26	3.22	3.45	3.49	3.55	8.0%
Biofuels Heat and Coproducts	2.96	2.98	2.98	2.98	2.97	2.97	2.97	4.1%
Purchased Electricity	0.76	0.77	0.75	0.76	0.76	0.76	0.76	1.0%
Total	20.12	20.95	21.11	21.06	21.37	21.38	21.25	1.0%
Carbon Dioxide Emissions 4/ (million metric tons)	322.1	343.8	356.0	359.1	368.4	373.0	378.0	2.1%

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Table 24. Refining Industry Energy Consumption

	2024	2025	2026	2027	2028	2029	2030	2005-2030
Combined Heat and Power								
Generating Capacity (gigawatts)								
Petroleum	1.12	1.12	1.14	1.14	1.14	1.16	1.16	1.2%
Natural Gas	4.06	4.06	4.21	4.21	4.21	4.36	4.36	3.5%
Coal	5.77	8.06	9.71	9.70	10.57	10.87	11.23	28.8%
Other 5/	0.77	0.77	0.80	0.80	0.80	0.83	0.83	1.2%
Total	11.73	14.01	15.87	15.86	16.73	17.23	17.58	6.8%
Net Generation (billion kilowatthours)								
Petroleum	8.57	8.57	8.69	8.69	8.69	8.82	8.82	8.7%
Natural Gas	27.71	27.71	28.92	28.92	28.92	30.14	30.14	2.3%
Coal	45.48	63.48	76.51	76.43	83.28	85.63	88.44	24.1%
Other 5/	5.27	5.27	5.51	5.51	5.51	5.75	5.75	0.8%
Total	87.03	105.03	119.64	119.56	126.40	130.34	133.14	7.3%
Disposition								
Sales to the Grid	41.27	52.33	60.53	60.48	64.68	66.32	68.04	10.3%
Generation for Own Use	45.76	52.70	59.11	59.08	61.72	64.02	65.10	5.4%
Energy Consumed at Ethanol Plants (trillion Btu)								
Natural Gas	369.1	377.9	383.4	389.6	393.4	399.9	406.5	8.2%
Coal	114.9	114.9	114.9	114.9	114.9	114.9	114.9	0.0%
Electricity	44.8	45.7	46.2	46.8	47.2	47.9	48.5	7.9%
Total	528.8	538.5	544.5	551.3	555.4	562.6	569.9	4.7%

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Table 25. Food Industry Energy Consumption

	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013
Value of Shipments (billion 2000 dollars)	450.04	470.14	477.58	489.79	497.52	505.91	513.92	521.33	530.40	539.56
Energy Consumption (trillion Btu) 1/										
Residual Fuel Oil	7.8	7.1	5.1	4.8	4.6	4.3	4.2	4.1	4.1	4.3
Distillate Fuel Oil	20.1	19.9	15.1	14.2	14.7	14.6	14.7	14.4	15.1	15.2
Liquefied Petroleum Gases	5.9	5.8	4.7	4.4	4.3	4.2	4.2	4.1	4.2	4.2
Other Petroleum 2/	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Petroleum Subtotal	33.8	32.9	24.9	23.4	23.6	23.2	23.1	22.6	23.4	23.7
Natural Gas	537.4	544.5	557.3	568.3	572.5	579.9	585.9	592.4	598.7	606.3
Steam Coal	194.7	202.0	201.8	201.9	201.7	201.5	201.4	201.1	201.0	200.8
Renewables	43.8	46.2	47.1	48.5	49.4	50.4	51.3	52.2	53.3	54.4
Purchased Electricity	229.7	239.1	239.6	242.9	244.6	246.1	248.2	250.4	253.4	255.9
Total	1039.5	1064.7	1070.7	1085.0	1091.8	1101.1	1109.8	1118.6	1129.7	1141.1
Energy Consumption per Unit of Output (thousand Btu per 2000 dollar shipments)										
Residual Fuel Oil	0.02	0.02	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01
Distillate Fuel Oil	0.04	0.04	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03
Liquefied Petroleum Gases	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01
Other Petroleum 2/	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Petroleum Subtotal	0.08	0.07	0.05	0.05	0.05	0.05	0.04	0.04	0.04	0.04
Natural Gas	1.19	1.16	1.17	1.16	1.15	1.15	1.14	1.14	1.13	1.12
Steam Coal	0.43	0.43	0.42	0.41	0.41	0.40	0.39	0.39	0.38	0.37
Renewables	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10
Purchased Electricity	0.51	0.51	0.50	0.50	0.49	0.49	0.48	0.48	0.48	0.47
Total	2.31	2.26	2.24	2.22	2.19	2.18	2.16	2.15	2.13	2.11
Carbon Dioxide Emissions 3/ (million metric tons)	92.8	95.5	94.9	95.7	95.9	96.6	97.5	98.1	98.8	99.7
Combined Heat and Power 4/ Generating Capacity (gigawatts)										
Petroleum	0.07	0.06	0.06	0.06	0.06	0.06	0.06	0.06	0.06	0.06

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Table 25. Food Industry Energy Consumption

	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013
Natural Gas	0.44	0.42	0.45	0.49	0.54	0.59	0.64	0.69	0.74	0.80
Coal	0.86	0.95	0.95	0.95	0.95	0.95	0.95	0.95	0.95	0.95
Other 5/	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03
Total	1.39	1.46	1.50	1.54	1.58	1.63	1.68	1.74	1.78	1.84
Net Generation (billion kilowatthours)										
Petroleum	0.15	0.15	0.15	0.15	0.15	0.15	0.15	0.15	0.15	0.15
Natural Gas	1.62	1.55	1.80	2.09	2.40	2.79	3.19	3.57	3.92	4.32
Coal	3.95	4.19	4.19	4.19	4.19	4.19	4.19	4.19	4.19	4.19
Other 5/	0.15	0.16	0.16	0.16	0.16	0.16	0.16	0.16	0.16	0.16
Total	5.86	6.04	6.29	6.58	6.89	7.28	7.68	8.06	8.42	8.82
Disposition										
Sales to the Grid	0.22	0.22	0.28	0.36	0.44	0.54	0.65	0.75	0.84	0.95
Generation for Own Use	5.64	5.83	6.01	6.22	6.45	6.74	7.03	7.31	7.57	7.87

1/ Fuel consumption includes consumption for combined heat and power.

2/ Includes petroleum coke, lubricants, and miscellaneous petroleum products.

3/ Includes emissions attributable to the fuels consumed to generate the purchased electricity.

4/ Includes industrial-owned generators not classified as combined heat and power, such as standby generators.

5/ Includes wood and other biomass, waste heat, municipal solid waste, and renewable sources.

Btu = British thermal unit.

N/A = Not applicable.

Note: Totals may not equal sum of components due to independent rounding. Data for 2005 are model results and may differ slightly from official EIA data reports.

Source: 2004 and 2005 nonutility and CHP summer capacity, net generation, fuel use, and thermal output: Energy Information Administration (EIA), Form EIA-860: Generator Report," 2002 (preliminary). Other 2004 and 2005 data based on: EIA, Manufacturing Energy Consumption Survey, 1998. Projections: EIA, AEO2007 National Modeling System run aeo2007.d112106a.

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Table 25. Food Industry Energy Consumption

	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023
Value of Shipments (billion 2000 dollars)	547.44	556.48	565.88	573.12	581.40	590.29	600.27	610.36	621.08	631.53
Energy Consumption (trillion Btu) 1/										
Residual Fuel Oil	4.2	4.0	4.0	4.0	3.9	3.7	3.7	3.6	3.6	3.8
Distillate Fuel Oil	15.7	15.4	15.5	15.8	15.5	15.1	15.4	15.3	15.3	16.1
Liquefied Petroleum Gases	4.3	4.2	4.3	4.4	4.3	4.3	4.4	4.4	4.5	4.6
Other Petroleum 2/	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Petroleum Subtotal	24.1	23.7	23.8	24.1	23.7	23.1	23.6	23.3	23.5	24.5
Natural Gas	611.2	619.1	626.2	630.3	638.3	647.8	657.4	669.1	681.8	693.5
Steam Coal	200.7	200.6	200.5	200.3	200.2	200.1	200.0	200.0	200.1	200.3
Renewables	55.3	56.4	57.5	58.4	59.5	60.6	61.8	63.0	64.3	65.6
Purchased Electricity	257.9	260.0	262.3	263.5	264.7	266.4	268.6	270.7	273.3	275.8
Total	1149.2	1159.8	1170.4	1176.7	1186.4	1198.0	1211.4	1226.1	1243.0	1259.6
Energy Consumption per Unit of Output (thousand Btu per 2000 dollar shipments)										
Residual Fuel Oil	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01
Distillate Fuel Oil	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.02	0.03
Liquefied Petroleum Gases	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01
Other Petroleum 2/	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Petroleum Subtotal	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04
Natural Gas	1.12	1.11	1.11	1.10	1.10	1.10	1.10	1.10	1.10	1.10
Steam Coal	0.37	0.36	0.35	0.35	0.34	0.34	0.33	0.33	0.32	0.32
Renewables	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10
Purchased Electricity	0.47	0.47	0.46	0.46	0.46	0.45	0.45	0.44	0.44	0.44
Total	2.10	2.08	2.07	2.05	2.04	2.03	2.02	2.01	2.00	1.99
Carbon Dioxide Emissions 3/ (million metric tons)	100.5	101.1	101.8	102.1	102.6	103.3	104.3	105.5	106.9	108.3
Combined Heat and Power 4/ Generating Capacity (gigawatts)										
Petroleum	0.06	0.06	0.06	0.06	0.06	0.06	0.06	0.06	0.06	0.06

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Table 25. Food Industry Energy Consumption

	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023
Natural Gas	0.85	0.90	0.96	1.02	1.09	1.16	1.24	1.32	1.39	1.47
Coal	0.95	0.95	0.95	0.95	0.95	0.95	0.95	0.95	0.95	0.95
Other 5/	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03
Total	1.89	1.95	2.00	2.06	2.13	2.20	2.28	2.36	2.44	2.51
Net Generation (billion kilowatthours)										
Petroleum	0.15	0.15	0.15	0.15	0.15	0.15	0.15	0.15	0.15	0.15
Natural Gas	4.70	5.12	5.55	5.98	6.49	7.03	7.57	8.16	8.73	9.28
Coal	4.19	4.19	4.19	4.19	4.19	4.19	4.19	4.19	4.19	4.19
Other 5/	0.16	0.16	0.16	0.16	0.16	0.16	0.16	0.16	0.16	0.16
Total	9.19	9.61	10.04	10.47	10.98	11.52	12.06	12.65	13.22	13.77
Disposition										
Sales to the Grid	1.05	1.16	1.27	1.38	1.52	1.66	1.80	1.96	2.11	2.25
Generation for Own Use	8.15	8.46	8.77	9.09	9.46	9.86	10.26	10.69	11.11	11.52

1/ Fuel consumption includes consumption

2/ Includes petroleum coke, lubricants, and

3/ Includes emissions attributable to the fue

4/ Includes industrial-owned generators not

5/ Includes wood and other biomass, waste

Btu = British thermal unit.

N/A = Not applicable.

Note: Totals may not equal sum of compor

Source: 2004 and 2005 nonutility and CE "Annual Electric
Generator Report," 2002 (preliminary). Othernal Energy

Modeling System run aeo2007.d112106a.

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Table 25. Food Industry Energy Consumi

	2024	2025	2026	2027	2028	2029	2030	2005-2030
Value of Shipments (billion 2000 dollars)	643.50	656.23	668.90	682.10	695.62	707.35	720.45	1.7%
Energy Consumption (trillion Btu) 1/								
Residual Fuel Oil	3.8	3.9	3.9	3.9	4.0	4.1	4.2	-2.1%
Distillate Fuel Oil	16.2	16.2	16.3	16.4	16.7	17.0	17.1	-0.6%
Liquefied Petroleum Gases	4.7	4.7	4.8	4.8	4.9	5.0	5.1	-0.5%
Other Petroleum 2/	0.0	0.0	0.0	0.0	0.0	0.0	0.0	N/A
Petroleum Subtotal	24.7	24.8	24.9	25.2	25.7	26.2	26.3	-0.9%
Natural Gas	706.7	721.3	735.7	750.3	765.2	778.5	793.8	1.5%
Steam Coal	200.5	200.8	201.0	201.2	201.5	201.7	201.9	0.0%
Renewables	67.0	68.5	70.0	71.6	73.2	74.7	76.3	2.0%
Purchased Electricity	278.7	281.8	285.0	288.6	292.2	294.9	298.3	0.9%
Total	1277.6	1297.3	1316.7	1336.9	1357.9	1376.0	1396.6	1.1%
Energy Consumption per Unit of Output (thousand Btu per 2000 dollar shipments)								
Residual Fuel Oil	0.01	0.01	0.01	0.01	0.01	0.01	0.01	-3.8%
Distillate Fuel Oil	0.03	0.02	0.02	0.02	0.02	0.02	0.02	-2.3%
Liquefied Petroleum Gases	0.01	0.01	0.01	0.01	0.01	0.01	0.01	-2.2%
Other Petroleum 2/	0.00	0.00	0.00	0.00	0.00	0.00	0.00	N/A
Petroleum Subtotal	0.04	0.04	0.04	0.04	0.04	0.04	0.04	-2.6%
Natural Gas	1.10	1.10	1.10	1.10	1.10	1.10	1.10	-0.2%
Steam Coal	0.31	0.31	0.30	0.30	0.29	0.29	0.28	-1.7%
Renewables	0.10	0.10	0.10	0.10	0.11	0.11	0.11	0.3%
Purchased Electricity	0.43	0.43	0.43	0.42	0.42	0.42	0.41	-0.8%
Total	1.99	1.98	1.97	1.96	1.95	1.95	1.94	-0.6%
Carbon Dioxide Emissions 3/ (million metric tons)	109.7	111.1	112.7	114.3	115.9	117.4	119.1	0.9%
Combined Heat and Power 4/ Generating Capacity (gigawatts)								
Petroleum	0.06	0.06	0.06	0.06	0.06	0.06	0.06	N/A

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Table 25. Food Industry Energy Consumi

	2024	2025	2026	2027	2028	2029	2030	2005-2030
Natural Gas	1.55	1.63	1.71	1.79	1.87	1.96	2.04	6.5%
Coal	0.95	0.95	0.95	0.95	0.95	0.95	0.95	N/A
Other 5/	0.03	0.03	0.03	0.03	0.03	0.03	0.03	N/A
Total	2.59	2.67	2.75	2.84	2.92	3.00	3.08	3.0%
Net Generation (billion kilowatthours)								
Petroleum	0.15	0.15	0.15	0.15	0.15	0.15	0.15	N/A
Natural Gas	9.85	10.46	11.07	11.67	12.26	12.86	13.48	9.0%
Coal	4.19	4.19	4.19	4.19	4.19	4.19	4.19	N/A
Other 5/	0.16	0.16	0.16	0.16	0.16	0.16	0.16	N/A
Total	14.34	14.95	15.56	16.16	16.75	17.36	17.97	4.5%
Disposition								
Sales to the Grid	2.40	2.56	2.72	2.88	3.04	3.20	3.36	11.6%
Generation for Own Use	11.94	12.39	12.84	13.28	13.71	14.16	14.61	3.7%

1/ Fuel consumption includes consumption
2/ Includes petroleum coke, lubricants, and
3/ Includes emissions attributable to the fue
4/ Includes industrial-owned generators not
5/ Includes wood and other biomass, waste
Btu = British thermal unit.
N/A = Not applicable.

Note: Totals may not equal sum of compor
Source: 2004 and 2005 nonutility and C-
Generator Report," 2002 (preliminary). Other
Modeling System run aeo2007.d112106a.

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Table 26. Paper Industry Energy Consumption

	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013
Value of Shipments (billion 2000 dollars)	157.39	155.78	158.04	160.38	160.93	161.38	163.05	165.75	169.02	171.94
Energy Consumption (trillion Btu) 1/										
Residual Fuel Oil	112.7	115.2	105.3	103.7	102.3	102.3	102.6	102.7	103.5	104.5
Distillate Fuel Oil	14.3	14.4	13.6	13.5	13.7	13.7	13.8	13.8	13.9	14.0
Liquefied Petroleum Gases	5.0	4.5	4.1	3.9	4.0	3.9	3.9	3.9	3.9	3.9
Petroleum Coke	10.7	10.7	10.6	10.5	10.5	10.4	10.4	10.4	10.4	10.4
Other Petroleum	13.1	13.1	12.9	12.8	12.8	12.8	12.8	12.7	12.8	12.7
Petroleum Subtotal	155.9	157.9	146.5	144.4	143.2	143.2	143.5	143.6	144.6	145.6
Natural Gas	513.9	455.1	469.7	474.7	476.3	478.4	481.7	487.4	492.6	498.2
Steam Coal	270.2	272.6	272.3	271.9	271.3	270.8	270.4	270.1	270.0	269.8
Renewables	1172.6	1155.1	1170.2	1184.7	1188.1	1191.0	1202.1	1220.5	1243.0	1263.6
Purchased Electricity	219.6	224.7	222.3	220.9	217.4	213.4	211.7	211.9	213.0	213.1
Total	2332.2	2265.4	2281.0	2296.6	2296.4	2296.6	2309.4	2333.5	2363.1	2390.3
Energy Consumption per Unit of Output (thousand Btu per 2000 dollar shipments)										
Residual Fuel Oil	0.72	0.74	0.67	0.65	0.64	0.63	0.63	0.62	0.61	0.61
Distillate Fuel Oil	0.09	0.09	0.09	0.08	0.09	0.09	0.08	0.08	0.08	0.08
Liquefied Petroleum Gases	0.03	0.03	0.03	0.02	0.02	0.02	0.02	0.02	0.02	0.02
Petroleum Coke	0.07	0.07	0.07	0.07	0.07	0.06	0.06	0.06	0.06	0.06
Other Petroleum	0.08	0.08	0.08	0.08	0.08	0.08	0.08	0.08	0.08	0.07
Petroleum Subtotal	0.99	1.01	0.93	0.90	0.89	0.89	0.88	0.87	0.86	0.85
Natural Gas	3.26	2.92	2.97	2.96	2.96	2.96	2.95	2.94	2.91	2.90
Steam Coal	1.72	1.75	1.72	1.70	1.69	1.68	1.66	1.63	1.60	1.57
Renewables	7.45	7.41	7.40	7.39	7.38	7.38	7.37	7.36	7.35	7.35
Purchased Electricity	1.40	1.44	1.41	1.38	1.35	1.32	1.30	1.28	1.26	1.24
Total	14.82	14.54	14.43	14.32	14.27	14.23	14.16	14.08	13.98	13.90
Carbon Dioxide Emissions 2/ (million metric tc	105.9	104.1	102.8	102.3	101.3	100.7	100.7	101.0	101.4	101.7

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Table 26. Paper Industry Energy Consumption

	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013
Generating Capacity (gigawatts)										
Petroleum	0.30	0.30	0.30	0.30	0.30	0.30	0.30	0.30	0.30	0.30
Natural Gas	2.04	1.69	1.74	1.80	1.86	1.93	2.00	2.07	2.14	2.22
Coal	1.35	1.34	1.34	1.34	1.34	1.34	1.34	1.34	1.34	1.34
Other 5/	4.54	4.44	4.54	4.63	4.65	4.67	4.74	4.85	4.99	5.12
Total	8.23	7.77	7.92	8.07	8.15	8.24	8.38	8.57	8.78	8.98
Net Generation (billion kilowatthours)										
Petroleum	3.36	3.59	3.59	3.59	3.59	3.59	3.59	3.59	3.59	3.59
Natural Gas	8.72	7.26	7.63	8.08	8.53	9.06	9.61	10.17	10.70	11.32
Coal	7.11	7.08	7.08	7.08	7.08	7.08	7.08	7.08	7.08	7.08
Other 5/	29.90	28.10	28.71	29.24	29.37	29.48	29.88	30.54	31.35	32.10
Total	49.09	46.03	47.01	47.98	48.56	49.20	50.16	51.37	52.71	54.08
Disposition										
Sales to the Grid	2.39	2.13	2.30	2.49	2.60	2.73	2.91	3.14	3.40	3.66
Generation for Own Use	46.70	43.90	44.71	45.49	45.96	46.48	47.25	48.23	49.31	50.41

1/ Fuel consumption includes consumption for combined heat and power.

2/ Includes emissions attributable to the fuels consumed to generate the purchased electricity.

4/ Includes industrial-owned generators not classified as combined heat and power, such as standby generators.

5/ Includes wood and other biomass, waste heat, municipal solid waste, and renewable sources.

Btu = British thermal unit.

N/A = Not applicable.

Note: Totals may not equal sum of components due to independent rounding. Data for 2005 are model results and may differ slightly from official EIA data reports.

Source: 2004 and 2005 nonutility and CHP summer capacity, net generation, fuel use, and thermal output: Energy Information Administration (EIA), Form EIA-860: Generator Report," 2002 (preliminary). Other 2004 and 2005 data based on: EIA, Manufacturing Energy Consumption Survey, 1998. Projections: EIA, AEO2007 National Modeling System run aeo2007.d112106a.

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Table 26. Paper Industry Energy Consum

	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023
Value of Shipments (billion 2000 dollars)	174.44	176.71	179.31	181.24	182.91	185.18	187.74	190.23	192.59	194.95
Energy Consumption (trillion Btu) 1/										
Residual Fuel Oil	104.8	104.3	104.7	104.6	104.4	103.8	103.8	103.3	103.2	104.0
Distillate Fuel Oil	14.1	14.1	14.0	14.1	14.1	14.0	14.0	14.0	14.0	14.1
Liquefied Petroleum Gases	3.9	3.9	4.0	4.0	4.0	4.0	4.0	4.0	4.1	4.1
Petroleum Coke	10.4	10.4	10.4	10.4	10.4	10.4	10.4	10.4	10.4	10.4
Other Petroleum	12.7	12.7	12.7	12.7	12.7	12.7	12.7	12.7	12.7	12.7
Petroleum Subtotal	146.0	145.5	145.8	145.8	145.6	144.9	144.9	144.5	144.4	145.4
Natural Gas	503.1	509.3	515.1	520.1	526.8	535.4	544.2	555.5	565.9	575.5
Steam Coal	269.6	269.5	269.4	269.2	269.0	268.8	268.8	268.9	269.0	269.1
Renewables	1281.6	1298.3	1317.5	1332.2	1345.2	1362.6	1382.1	1401.3	1419.9	1438.8
Purchased Electricity	213.0	212.3	212.0	210.8	208.8	207.7	206.9	205.7	204.8	204.2
Total	2413.3	2434.9	2459.7	2478.1	2495.4	2519.4	2547.0	2575.8	2604.0	2632.9
Energy Consumption per Unit of Output (thousand Btu per 2000 dollar shipments)										
Residual Fuel Oil	0.60	0.59	0.58	0.58	0.57	0.56	0.55	0.54	0.54	0.53
Distillate Fuel Oil	0.08	0.08	0.08	0.08	0.08	0.08	0.07	0.07	0.07	0.07
Liquefied Petroleum Gases	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02
Petroleum Coke	0.06	0.06	0.06	0.06	0.06	0.06	0.06	0.05	0.05	0.05
Other Petroleum	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07
Petroleum Subtotal	0.84	0.82	0.81	0.80	0.80	0.78	0.77	0.76	0.75	0.75
Natural Gas	2.88	2.88	2.87	2.87	2.88	2.89	2.90	2.92	2.94	2.95
Steam Coal	1.55	1.53	1.50	1.49	1.47	1.45	1.43	1.41	1.40	1.38
Renewables	7.35	7.35	7.35	7.35	7.35	7.36	7.36	7.37	7.37	7.38
Purchased Electricity	1.22	1.20	1.18	1.16	1.14	1.12	1.10	1.08	1.06	1.05
Total	13.83	13.78	13.72	13.67	13.64	13.61	13.57	13.54	13.52	13.51
Carbon Dioxide Emissions 2/ (million metric tons)	102.1	102.1	102.3	102.2	102.1	102.2	102.6	103.1	103.6	104.3

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Table 26. Paper Industry Energy Consum

	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023
Generating Capacity (gigawatts)										
Petroleum	0.30	0.30	0.30	0.30	0.30	0.30	0.30	0.30	0.30	0.30
Natural Gas	2.30	2.39	2.48	2.57	2.68	2.80	2.93	3.07	3.22	3.37
Coal	1.34	1.34	1.34	1.34	1.34	1.34	1.34	1.34	1.34	1.34
Other 5/	5.23	5.33	5.45	5.54	5.62	5.73	5.85	5.97	6.08	6.20
Total	9.17	9.36	9.57	9.76	9.95	10.17	10.42	10.69	10.95	11.21
Net Generation (billion kilowatthours)										
Petroleum	3.59	3.59	3.59	3.59	3.59	3.59	3.59	3.59	3.59	3.59
Natural Gas	11.92	12.58	13.28	13.98	14.82	15.75	16.73	17.83	18.95	20.08
Coal	7.08	7.08	7.08	7.08	7.08	7.08	7.08	7.08	7.08	7.08
Other 5/	32.74	33.34	34.03	34.56	35.03	35.66	36.36	37.05	37.72	38.40
Total	55.33	56.59	57.97	59.21	60.52	62.07	63.76	65.55	67.34	69.14
Disposition										
Sales to the Grid	3.90	4.15	4.41	4.65	4.90	5.20	5.53	5.87	6.22	6.57
Generation for Own Use	51.42	52.44	53.56	54.56	55.61	56.87	58.23	59.67	61.12	62.58

1/ Fuel consumption includes consumption

2/ Includes emissions attributable to the fue

4/ Includes industrial-owned generators not

5/ Includes wood and other biomass, waste

Btu = British thermal unit.

N/A = Not applicable.

Note: Totals may not equal sum of compor

Source: 2004 and 2005 nonutility and CHF"Annual Electric
Generator Report," 2002 (preliminary). Othernal Energy
Modeling System run aeo2007.d112106a.

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Table 26. Paper Industry Energy Consum

	2024	2025	2026	2027	2028	2029	2030	2005-2030
Value of Shipments (billion 2000 dollars)	197.34	199.97	202.72	205.58	208.23	210.95	213.54	1.3%
Energy Consumption (trillion Btu) 1/								
Residual Fuel Oil	104.1	104.3	104.2	104.4	104.7	104.9	105.1	-0.4%
Distillate Fuel Oil	14.2	14.1	14.1	14.1	14.1	14.2	14.1	-0.1%
Liquefied Petroleum Gases	4.1	4.1	4.1	4.1	4.1	4.2	4.2	-0.3%
Petroleum Coke	10.4	10.4	10.4	10.4	10.4	10.4	10.4	-0.1%
Other Petroleum	12.7	12.7	12.7	12.7	12.8	12.8	12.8	-0.1%
Petroleum Subtotal	145.5	145.6	145.6	145.8	146.2	146.4	146.6	-0.3%
Natural Gas	586.2	598.2	610.8	623.4	635.6	648.6	662.2	1.5%
Steam Coal	269.2	269.3	269.5	269.6	269.7	269.9	270.0	0.0%
Renewables	1458.0	1479.2	1501.4	1524.6	1546.5	1569.2	1591.1	1.3%
Purchased Electricity	203.4	202.8	202.3	201.9	201.3	200.5	199.4	-0.5%
Total	2662.3	2695.1	2729.6	2765.3	2799.3	2834.6	2869.2	0.9%
Energy Consumption per Unit of Output (thousand Btu per 2000 dollar shipments)								
Residual Fuel Oil	0.53	0.52	0.51	0.51	0.50	0.50	0.49	-1.6%
Distillate Fuel Oil	0.07	0.07	0.07	0.07	0.07	0.07	0.07	-1.3%
Liquefied Petroleum Gases	0.02	0.02	0.02	0.02	0.02	0.02	0.02	-1.6%
Petroleum Coke	0.05	0.05	0.05	0.05	0.05	0.05	0.05	-1.3%
Other Petroleum	0.06	0.06	0.06	0.06	0.06	0.06	0.06	-1.3%
Petroleum Subtotal	0.74	0.73	0.72	0.71	0.70	0.69	0.69	-1.5%
Natural Gas	2.97	2.99	3.01	3.03	3.05	3.07	3.10	0.2%
Steam Coal	1.36	1.35	1.33	1.31	1.30	1.28	1.26	-1.3%
Renewables	7.39	7.40	7.41	7.42	7.43	7.44	7.45	0.0%
Purchased Electricity	1.03	1.01	1.00	0.98	0.97	0.95	0.93	-1.7%
Total	13.49	13.48	13.46	13.45	13.44	13.44	13.44	-0.3%
Carbon Dioxide Emissions 2/ (million metric tons)	104.8	105.4	106.1	106.8	107.5	108.2	108.9	0.2%

Combined Heat and Power 4/

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Table 26. Paper Industry Energy Consum

	2024	2025	2026	2027	2028	2029	2030	2005-2030
Generating Capacity (gigawatts)								
Petroleum	0.30	0.30	0.30	0.30	0.30	0.30	0.30	N/A
Natural Gas	3.52	3.68	3.86	4.04	4.22	4.41	4.61	4.1%
Coal	1.34	1.34	1.34	1.34	1.34	1.34	1.34	N/A
Other 5/	6.32	6.45	6.58	6.73	6.86	7.00	7.14	1.9%
Total	11.48	11.78	12.09	12.41	12.72	13.05	13.39	2.2%
Net Generation (billion kilowatthours)								
Petroleum	3.59	3.59	3.59	3.59	3.59	3.59	3.59	N/A
Natural Gas	21.24	22.50	23.83	25.19	26.57	28.02	29.56	5.8%
Coal	7.08	7.08	7.08	7.08	7.08	7.08	7.08	N/A
Other 5/	39.09	39.86	40.66	41.49	42.28	43.10	43.89	1.8%
Total	71.00	73.02	75.15	77.35	79.51	81.78	84.11	2.4%
Disposition								
Sales to the Grid	6.92	7.31	7.72	8.15	8.56	9.00	9.45	6.1%
Generation for Own Use	64.07	65.71	67.43	69.20	70.95	72.78	74.66	2.1%

1/ Fuel consumption includes consumption

2/ Includes emissions attributable to the fue

4/ Includes industrial-owned generators not

5/ Includes wood and other biomass, waste

Btu = British thermal unit.

N/A = Not applicable.

Note: Totals may not equal sum of compor

Source: 2004 and 2005 nonutility and CHF

Generator Report," 2002 (preliminary). Other

Modeling System run aeo2007.d112106a.

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Table 27. Bulk Chemical Industry Energy Consumption

	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013
Value of Shipments (billion 2000 dollars)	200.40	188.26	195.46	206.29	209.41	208.26	208.41	209.90	210.69	211.26
Energy Consumption (trillion Btu) 1/										
Heat and Power										
Residual Fuel Oil	26.4	22.1	16.1	15.3	14.5	14.0	14.0	13.6	14.0	14.4
Distillate Fuel Oil	5.8	5.0	4.2	4.2	4.4	4.3	4.3	4.3	4.3	4.3
Liquefied Petroleum Gases	47.7	33.3	24.8	29.3	29.4	28.0	27.3	26.4	26.0	25.6
Petroleum Coke	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Other Petroleum 2/	402.9	350.8	311.4	317.1	308.1	291.0	285.0	268.8	264.9	260.9
Petroleum Subtotal	482.7	411.2	356.5	365.9	356.4	337.4	330.6	313.0	309.2	305.3
Natural Gas	1471.0	1390.4	1497.1	1559.0	1579.2	1581.9	1581.9	1605.0	1607.9	1610.3
Steam Coal	260.1	251.4	252.8	254.8	254.9	253.6	252.5	251.6	250.7	249.7
Purchased Electricity	464.0	463.6	478.2	501.2	503.0	492.2	484.5	480.2	474.7	468.0
Total Heat and Power	2677.8	2516.6	2584.6	2681.0	2693.4	2665.2	2649.5	2649.7	2642.6	2633.3
Feedstock										
Liquefied Petroleum Gases	2131.8	1984.5	2058.7	2183.2	2215.0	2187.3	2172.9	2171.3	2169.3	2165.6
Petrochemical Feedstocks	1233.0	1150.1	1198.7	1272.0	1290.3	1276.4	1270.5	1273.0	1273.4	1273.1
Natural Gas	600.0	574.3	576.4	591.5	586.2	581.0	580.1	584.1	581.8	579.8
Total Feedstocks	3964.9	3708.9	3833.9	4046.7	4091.5	4044.7	4023.5	4028.4	4024.5	4018.5
Total	6642.7	6225.4	6418.5	6727.7	6784.9	6709.9	6673.1	6678.1	6667.1	6651.7
Energy Consumption per Unit of Output (thousand Btu per 2000 dollar shipments)										
Heat and Power										
Residual Fuel Oil	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
Distillate Fuel Oil	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Liquefied Petroleum Gases	0.2	0.2	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
Petroleum Coke	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Other Petroleum	2.0	1.9	1.6	1.5	1.5	1.4	1.4	1.3	1.3	1.2
Petroleum Subtotal	2.4	2.2	1.8	1.8	1.7	1.6	1.6	1.5	1.5	1.4
Natural Gas	7.3	7.4	7.7	7.6	7.5	7.6	7.6	7.6	7.6	7.6
Steam Coal	1.3	1.3	1.3	1.2	1.2	1.2	1.2	1.2	1.2	1.2

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Table 27. Bulk Chemical Industry Energy Consumption

	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013
Purchased Electricity	2.3	2.5	2.4	2.4	2.4	2.4	2.3	2.3	2.3	2.2
Total Heat and Power	13.4	13.4	13.2	13.0	12.9	12.8	12.7	12.6	12.5	12.5
Feedstock										
Liquefied Petroleum Gases	10.6	10.5	10.5	10.6	10.6	10.5	10.4	10.3	10.3	10.3
Petrochemical Feedstocks	6.2	6.1	6.1	6.2	6.2	6.1	6.1	6.1	6.0	6.0
Natural Gas	3.0	3.1	2.9	2.9	2.8	2.8	2.8	2.8	2.8	2.7
Total Feedstocks	19.8	19.7	19.6	19.6	19.5	19.4	19.3	19.2	19.1	19.0
Total	33.1	33.1	32.8	32.6	32.4	32.2	32.0	31.8	31.6	31.5
Carbon Dioxide Emissions ^{3/} (million metric tons)	349.0	330.7	337.4	351.7	353.0	348.4	346.1	345.1	343.4	341.6
Combined Heat and Power ^{4/} Generating Capacity (gigawatts)										
Petroleum	0.08	0.08	0.08	0.08	0.08	0.08	0.08	0.08	0.08	0.08
Natural Gas	7.62	7.63	7.69	7.79	7.91	8.11	8.33	8.56	8.78	9.01
Coal	0.55	0.49	0.49	0.49	0.49	0.49	0.49	0.49	0.49	0.49
Other ^{5/}	1.10	0.85	0.85	0.85	0.85	0.85	0.85	0.85	0.85	0.85
Total	9.35	9.05	9.12	9.21	9.34	9.53	9.75	9.98	10.20	10.43
Net Generation (billion kilowatthours)										
Petroleum	0.23	0.23	0.23	0.23	0.23	0.23	0.23	0.23	0.23	0.23
Natural Gas	42.09	40.39	40.89	41.61	42.56	44.07	45.72	47.47	49.17	50.92
Coal	3.02	2.76	2.76	2.76	2.76	2.76	2.76	2.76	2.76	2.76
Other ^{5/}	8.94	7.53	7.53	7.53	7.53	7.53	7.53	7.53	7.53	7.53
Total	54.28	50.92	51.41	52.13	53.09	54.59	56.24	58.00	59.69	61.44
Disposition										
Sales to the Grid	9.14	8.57	8.72	8.93	9.21	9.65	10.14	10.65	11.15	11.67
Generation for Own Use	45.14	42.35	42.69	43.20	43.88	44.94	46.10	47.35	48.54	49.78

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Table 27. Bulk Chemical Industry Energy Consumption

	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013
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1/ Fuel consumption includes consumption for combined heat and power.

2/ Includes lubricants, and miscellaneous petroleum products.

3/ Includes emissions attributable to the fuels consumed to generate the purchased electricity.

4/ Includes industrial-owned generators not classified as combined heat and power, such as standby generators.

5/ Includes wood and other biomass, waste heat, municipal solid waste, and renewable sources.

Btu = British thermal unit.

N/A = Not applicable.

Note: Totals may not equal sum of components due to independent rounding. Data for 2005 are model results and may differ slightly from official EIA data reports.

Source: 2004 and 2005 nonutility and CHP summer capacity, net generation, fuel use, and thermal output: Energy Information Administration (EIA), Form EIA-860: Generator Report," 2002 (preliminary). Other 2004 and 2005 data based on: EIA, Manufacturing Energy Consumption Survey, 1998. Projections: EIA, AEO2007 National Modeling System run aeo2007.d112106a.

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Table 27. Bulk Chemical Industry Energy

	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023
Value of Shipments (billion 2000 dollars)	211.86	212.21	212.66	212.61	212.38	213.70	215.23	216.48	217.44	218.50
Energy Consumption (trillion Btu) 1/										
Heat and Power										
Residual Fuel Oil	14.4	13.8	13.8	13.5	13.1	12.6	12.6	12.1	12.1	12.5
Distillate Fuel Oil	4.3	4.2	4.1	4.2	4.0	3.9	3.9	3.9	3.8	3.9
Liquefied Petroleum Gases	25.6	25.4	25.5	25.8	25.6	25.6	25.9	25.9	26.2	26.5
Petroleum Coke	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Other Petroleum 2/	263.2	249.9	251.4	253.1	244.2	241.0	245.2	238.7	241.3	247.7
Petroleum Subtotal	307.6	293.3	294.8	296.5	286.9	283.1	287.6	280.6	283.3	290.6
Natural Gas	1606.4	1620.0	1618.2	1613.6	1622.7	1640.8	1654.1	1680.3	1695.1	1705.5
Steam Coal	248.9	247.9	247.1	246.1	245.1	244.7	244.5	244.1	243.8	243.5
Purchased Electricity	461.8	454.3	447.7	439.8	430.0	424.4	419.1	412.8	406.5	400.5
Total Heat and Power	2624.7	2615.6	2607.8	2596.1	2584.7	2593.0	2605.3	2617.8	2628.8	2640.1
Feedstock										
Liquefied Petroleum Gases	2165.7	2163.9	2166.4	2163.1	2155.6	2164.1	2175.4	2183.5	2191.5	2199.4
Petrochemical Feedstocks	1272.4	1272.1	1273.2	1269.7	1266.3	1271.2	1276.0	1279.0	1283.5	1288.2
Natural Gas	577.5	574.5	570.2	566.7	563.8	564.5	565.4	566.5	566.5	568.6
Total Feedstocks	4015.6	4010.5	4009.8	3999.5	3985.7	3999.8	4016.8	4029.0	4041.4	4056.2
Total	6640.2	6626.1	6617.6	6595.5	6570.4	6592.8	6622.1	6646.8	6670.2	6696.4
Energy Consumption per Unit of Output (thousand Btu per 2000 dollar shipments)										
Heat and Power										
Residual Fuel Oil	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
Distillate Fuel Oil	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Liquefied Petroleum Gases	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
Petroleum Coke	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Other Petroleum	1.2	1.2	1.2	1.2	1.1	1.1	1.1	1.1	1.1	1.1
Petroleum Subtotal	1.5	1.4	1.4	1.4	1.4	1.3	1.3	1.3	1.3	1.3
Natural Gas	7.6	7.6	7.6	7.6	7.6	7.7	7.7	7.8	7.8	7.8
Steam Coal	1.2	1.2	1.2	1.2	1.2	1.1	1.1	1.1	1.1	1.1

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Table 27. Bulk Chemical Industry Energy

	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023
Purchased Electricity	2.2	2.1	2.1	2.1	2.0	2.0	1.9	1.9	1.9	1.8
Total Heat and Power	12.4	12.3	12.3	12.2	12.2	12.1	12.1	12.1	12.1	12.1
Feedstock										
Liquefied Petroleum Gases	10.2	10.2	10.2	10.2	10.1	10.1	10.1	10.1	10.1	10.1
Petrochemical Feedstocks	6.0	6.0	6.0	6.0	6.0	5.9	5.9	5.9	5.9	5.9
Natural Gas	2.7	2.7	2.7	2.7	2.7	2.6	2.6	2.6	2.6	2.6
Total Feedstocks	19.0	18.9	18.9	18.8	18.8	18.7	18.7	18.6	18.6	18.6
Total	31.3	31.2	31.1	31.0	30.9	30.9	30.8	30.7	30.7	30.6
Carbon Dioxide Emissions 3/ (million metric tons)	340.6	338.3	336.8	334.6	331.8	331.7	332.4	332.8	333.2	334.0
Combined Heat and Power 4/ Generating Capacity (gigawatts)										
Petroleum	0.08	0.08	0.08	0.08	0.08	0.08	0.08	0.08	0.08	0.08
Natural Gas	9.23	9.47	9.70	9.93	10.19	10.46	10.74	11.04	11.32	11.59
Coal	0.49	0.49	0.49	0.49	0.49	0.49	0.49	0.49	0.49	0.49
Other 5/	0.85	0.85	0.85	0.85	0.85	0.85	0.85	0.85	0.85	0.85
Total	10.65	10.89	11.12	11.35	11.61	11.88	12.16	12.46	12.74	13.01
Net Generation (billion kilowatthours)										
Petroleum	0.23	0.23	0.23	0.23	0.23	0.23	0.23	0.23	0.23	0.23
Natural Gas	52.60	54.40	56.16	57.90	59.88	61.93	64.06	66.31	68.45	70.50
Coal	2.76	2.76	2.76	2.76	2.76	2.76	2.76	2.76	2.76	2.76
Other 5/	7.53	7.53	7.53	7.53	7.53	7.53	7.53	7.53	7.53	7.53
Total	63.13	64.92	66.68	68.43	70.41	72.45	74.59	76.84	78.97	81.02
Disposition										
Sales to the Grid	12.16	12.69	13.20	13.72	14.30	14.90	15.53	16.19	16.81	17.42
Generation for Own Use	50.97	52.23	53.48	54.71	56.11	57.55	59.06	60.65	62.16	63.61

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Table 27. Bulk Chemical Industry Energy

	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023
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1/ Fuel consumption includes consumption

2/ Includes lubricants, and miscellaneous p

3/ Includes emissions attributable to the fue

4/ Includes industrial-owned generators not

5/ Includes wood and other biomass, waste

Btu = British thermal unit.

N/A = Not applicable.

Note: Totals may not equal sum of compor

Source: 2004 and 2005 nonutility and CHF"Annual Electric
Generator Report," 2002 (preliminary). Othernal Energy
Modeling System run aeo2007.d112106a.

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Table 27. Bulk Chemical Industry Energy

	2024	2025	2026	2027	2028	2029	2030	2005-2030
Value of Shipments (billion 2000 dollars)	219.22	220.04	221.06	222.28	223.44	224.90	226.19	0.7%
Energy Consumption (trillion Btu) 1/								
Heat and Power								
Residual Fuel Oil	12.3	12.3	12.0	12.0	12.2	12.1	12.1	-2.4%
Distillate Fuel Oil	3.9	3.8	3.8	3.8	3.7	3.8	3.7	-1.2%
Liquefied Petroleum Gases	26.8	26.7	26.9	27.2	27.5	27.8	27.9	-0.7%
Petroleum Coke	0.0	0.0	0.0	0.0	0.0	0.0	0.0	N/A
Other Petroleum 2/	247.3	246.1	240.2	241.6	246.8	247.7	245.7	-1.4%
Petroleum Subtotal	290.3	288.9	282.8	284.5	290.1	291.3	289.4	-1.4%
Natural Gas	1716.0	1728.8	1747.3	1760.2	1770.3	1787.0	1805.9	1.1%
Steam Coal	242.9	242.1	241.5	241.0	240.8	240.6	240.4	-0.2%
Purchased Electricity	393.7	386.7	380.7	375.5	370.3	365.5	360.2	-1.0%
Total Heat and Power	2642.8	2646.6	2652.2	2661.2	2671.6	2684.5	2695.8	0.3%
Feedstock								
Liquefied Petroleum Gases	2204.8	2211.1	2223.0	2238.7	2254.3	2272.3	2287.0	0.6%
Petrochemical Feedstocks	1291.5	1297.2	1303.1	1309.6	1316.8	1325.9	1334.0	0.6%
Natural Gas	569.2	568.5	569.6	570.7	572.1	574.9	577.5	0.0%
Total Feedstocks	4065.5	4076.8	4095.7	4119.1	4143.2	4173.2	4198.5	0.5%
Total	6708.3	6723.3	6747.9	6780.3	6814.8	6857.6	6894.3	0.4%
Energy Consumption per Unit of Output (thousand Btu per 2000 dollar shipments)								
Heat and Power								
Residual Fuel Oil	0.1	0.1	0.1	0.1	0.1	0.1	0.1	-3.1%
Distillate Fuel Oil	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-1.9%
Liquefied Petroleum Gases	0.1	0.1	0.1	0.1	0.1	0.1	0.1	-1.4%
Petroleum Coke	0.0	0.0	0.0	0.0	0.0	0.0	0.0	N/A
Other Petroleum	1.1	1.1	1.1	1.1	1.1	1.1	1.1	-2.1%
Petroleum Subtotal	1.3	1.3	1.3	1.3	1.3	1.3	1.3	-2.1%
Natural Gas	7.8	7.9	7.9	7.9	7.9	7.9	8.0	0.3%
Steam Coal	1.1	1.1	1.1	1.1	1.1	1.1	1.1	-0.9%

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	2024	2025	2026	2027	2028	2029	2030	2005-2030
Purchased Electricity	1.8	1.8	1.7	1.7	1.7	1.6	1.6	-1.7%
Total Heat and Power	12.1	12.0	12.0	12.0	12.0	11.9	11.9	-0.5%
Feedstock								
Liquefied Petroleum Gases	10.1	10.0	10.1	10.1	10.1	10.1	10.1	-0.2%
Petrochemical Feedstocks	5.9	5.9	5.9	5.9	5.9	5.9	5.9	-0.1%
Natural Gas	2.6	2.6	2.6	2.6	2.6	2.6	2.6	-0.7%
Total Feedstocks	18.5	18.5	18.5	18.5	18.5	18.6	18.6	-0.2%
Total	30.6	30.6	30.5	30.5	30.5	30.5	30.5	-0.3%
Carbon Dioxide Emissions 3/ (million metric tons)	333.7	333.3	333.4	334.0	334.9	336.1	337.0	0.1%
Combined Heat and Power 4/ Generating Capacity (gigawatts)								
Petroleum	0.08	0.08	0.08	0.08	0.08	0.08	0.08	N/A
Natural Gas	11.85	12.13	12.40	12.66	12.90	13.15	13.40	2.3%
Coal	0.49	0.49	0.49	0.49	0.49	0.49	0.49	N/A
Other 5/	0.85	0.85	0.85	0.85	0.85	0.85	0.85	N/A
Total	13.27	13.55	13.82	14.08	14.32	14.57	14.82	2.0%
Net Generation (billion kilowatthours)								
Petroleum	0.23	0.23	0.23	0.23	0.23	0.23	0.23	N/A
Natural Gas	72.47	74.58	76.63	78.59	80.45	82.33	84.24	3.0%
Coal	2.76	2.76	2.76	2.76	2.76	2.76	2.76	N/A
Other 5/	7.53	7.53	7.53	7.53	7.53	7.53	7.53	N/A
Total	83.00	85.10	87.16	89.11	90.97	92.86	94.76	2.5%
Disposition								
Sales to the Grid	18.00	18.61	19.22	19.79	20.34	20.89	21.45	3.7%
Generation for Own Use	65.00	66.49	67.94	69.32	70.63	71.97	73.31	2.2%

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Table 27. Bulk Chemical Industry Energy

	2024	2025	2026	2027	2028	2029	2030	2005- 2030
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1/ Fuel consumption includes consumption
2/ Includes lubricants, and miscellaneous p
3/ Includes emissions attributable to the fue
4/ Includes industrial-owned generators not
5/ Includes wood and other biomass, waste
Btu = British thermal unit.
N/A = Not applicable.
Note: Totals may not equal sum of compor
Source: 2004 and 2005 nonutility and CHF
Generator Report," 2002 (preliminary). Other
Modeling System run aeo2007.d112106a.

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Energy Information Administration
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Table 28. Glass Industry Energy Consumption

	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013
Value of Shipments (billion 2000 dollars)	22.03	21.30	21.09	22.19	23.01	23.38	23.68	24.02	24.66	25.63
Energy Consumption (trillion Btu) 1/										
Residual Fuel Oil	2.2	1.9	1.3	1.4	1.4	1.4	1.4	1.4	1.4	1.6
Distillate Fuel Oil	20.7	19.8	17.3	17.8	18.5	18.7	18.9	18.9	19.4	20.2
Liquefied Petroleum Gases	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Petroleum Subtotal	23.0	21.6	18.5	19.2	19.9	20.1	20.3	20.3	20.9	21.8
Natural Gas	144.0	137.9	139.3	145.9	150.3	152.4	154.0	156.1	159.4	164.7
Steam Coal	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Purchased Electricity	40.9	40.0	39.3	40.9	42.1	42.5	42.9	43.4	44.4	45.8
Total	207.9	199.5	197.1	206.0	212.3	215.1	217.1	219.7	224.7	232.3
Energy Consumption per Unit of Output (thousand Btu per 2000 dollar shipments)										
Residual Fuel Oil	0.10	0.09	0.06	0.06	0.06	0.06	0.06	0.06	0.06	0.06
Distillate Fuel Oil	0.94	0.93	0.82	0.80	0.81	0.80	0.80	0.78	0.79	0.79
Liquefied Petroleum Gases	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Petroleum Subtotal	1.04	1.02	0.88	0.86	0.87	0.86	0.86	0.84	0.85	0.85
Natural Gas	6.54	6.47	6.61	6.57	6.53	6.52	6.50	6.50	6.46	6.43
Steam Coal	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Purchased Electricity	1.86	1.88	1.86	1.84	1.83	1.82	1.81	1.81	1.80	1.79
Total	9.44	9.37	9.35	9.28	9.23	9.20	9.17	9.15	9.11	9.06
Carbon Dioxide Emissions 2/ (million metric tons)	17.1	16.5	16.1	16.7	17.2	17.4	17.6	17.8	18.1	18.7
Combined Heat and Power 4/ Generating Capacity (gigawatts)										
Petroleum	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Natural Gas	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.01	0.01
Coal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Other 5/	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Total	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.01	0.01

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Table 28. Glass Industry Energy Consumption

	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013
Net Generation (billion kilowatthours)										
Petroleum	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Natural Gas	0.00	0.00	0.01	0.01	0.02	0.03	0.04	0.04	0.05	0.06
Coal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Other 5/	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Total	0.00	0.00	0.01	0.01	0.02	0.03	0.04	0.04	0.05	0.06
Disposition										
Sales to the Grid	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Generation for own use	0.00	0.00	0.01	0.01	0.02	0.03	0.04	0.04	0.05	0.06

1/ Fuel consumption includes consumption for combined heat and power.

2/ Includes emissions attributable to the fuels consumed to generate the purchased electricity.

4/ Includes industrial-owned generators not classified as combined heat and power, such as standby generators.

5/ Includes wood and other biomass, waste heat, municipal solid waste, and renewable sources.

Btu = British thermal unit.

N/A = Not applicable.

Note: Totals may not equal sum of components due to independent rounding. Data for 2005 are model results and may differ slightly from official EIA data reports.

Source: 2004 and 2005 nonutility and CHP summer capacity, net generation, fuel use, and thermal output: Energy Information Administration (EIA), Form EIA-860: Generator Report," 2002 (preliminary). Other 2004 and 2005 data based on: EIA, Manufacturing Energy Consumption Survey, 1998. Projections: EIA, AEO2007 National Modeling System run aeo2007.d112106a.

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Table 28. Glass Industry Energy Consum

	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023
Value of Shipments (billion 2000 dollars)	26.64	27.45	28.10	28.47	28.70	29.31	30.17	30.85	31.53	32.09
Energy Consumption (trillion Btu) 1/										
Residual Fuel Oil	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.5	1.5	1.6
Distillate Fuel Oil	21.0	21.3	21.7	22.1	22.0	22.2	22.8	23.1	23.4	24.2
Liquefied Petroleum Gases	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Petroleum Subtotal	22.6	22.9	23.3	23.7	23.6	23.7	24.4	24.6	25.0	25.8
Natural Gas	170.2	175.0	178.3	179.8	181.0	184.5	189.3	193.5	197.4	200.1
Steam Coal	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Purchased Electricity	47.4	48.6	49.5	50.0	50.2	51.0	52.3	53.2	54.3	55.1
Total	240.2	246.4	251.2	253.5	254.8	259.3	266.0	271.3	276.7	281.0
Energy Consumption per Unit of Output (thousand Btu per 2000 dollar shipments)										
Residual Fuel Oil	0.06	0.06	0.06	0.06	0.06	0.05	0.05	0.05	0.05	0.05
Distillate Fuel Oil	0.79	0.78	0.77	0.78	0.77	0.76	0.76	0.75	0.74	0.75
Liquefied Petroleum Gases	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Petroleum Subtotal	0.85	0.83	0.83	0.83	0.82	0.81	0.81	0.80	0.79	0.81
Natural Gas	6.39	6.37	6.35	6.31	6.31	6.30	6.28	6.27	6.26	6.24
Steam Coal	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Purchased Electricity	1.78	1.77	1.76	1.76	1.75	1.74	1.73	1.73	1.72	1.72
Total	9.02	8.98	8.94	8.90	8.88	8.85	8.82	8.80	8.78	8.76
Carbon Dioxide Emissions 2/ (million metric tons)	19.4	19.9	20.2	20.4	20.5	20.8	21.4	21.8	22.3	22.7
Combined Heat and Power 4/										
Generating Capacity (gigawatts)										
Petroleum	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Natural Gas	0.01	0.01	0.01	0.01	0.02	0.02	0.02	0.02	0.02	0.02
Coal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Other 5/	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Total	0.01	0.01	0.01	0.01	0.02	0.02	0.02	0.02	0.02	0.02

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Table 28. Glass Industry Energy Consum

	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023
Net Generation (billion kilowatthours)										
Petroleum	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Natural Gas	0.07	0.08	0.09	0.10	0.11	0.12	0.14	0.15	0.16	0.18
Coal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Other 5/	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Total	0.07	0.08	0.09	0.10	0.11	0.12	0.14	0.15	0.16	0.18
Disposition										
Sales to the Grid	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Generation for own use	0.07	0.08	0.09	0.10	0.11	0.12	0.14	0.15	0.16	0.18

1/ Fuel consumption includes consumption

2/ Includes emissions attributable to the fue

4/ Includes industrial-owned generators not

5/ Includes wood and other biomass, waste

Btu = British thermal unit.

N/A = Not applicable.

Note: Totals may not equal sum of compor

Source: 2004 and 2005 nonutility and CHF"Annual Electric
Generator Report," 2002 (preliminary). Othernal Energy
Modeling System run aeo2007.d112106a.

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Table 28. Glass Industry Energy Consum

	2024	2025	2026	2027	2028	2029	2030	2005-2030
Value of Shipments (billion 2000 dollars)	32.59	33.21	33.78	34.42	34.97	35.42	35.87	2.1%
Energy Consumption (trillion Btu) 1/								
Residual Fuel Oil	1.6	1.6	1.6	1.6	1.7	1.7	1.7	-0.4%
Distillate Fuel Oil	24.5	24.7	25.1	25.4	25.7	26.1	26.3	1.1%
Liquefied Petroleum Gases	0.0	0.0	0.0	0.0	0.0	0.0	0.0	N/A
Petroleum Subtotal	26.1	26.4	26.7	27.1	27.4	27.8	28.0	1.0%
Natural Gas	202.8	206.5	209.7	213.3	216.3	218.7	221.3	1.9%
Steam Coal	0.0	0.0	0.0	0.0	0.0	0.0	0.0	N/A
Purchased Electricity	55.7	56.5	57.4	58.3	59.1	59.7	60.3	1.7%
Total	284.7	289.4	293.8	298.6	302.8	306.1	309.6	1.8%
Energy Consumption per Unit of Output (thousand Btu per 2000 dollar shipments)								
Residual Fuel Oil	0.05	0.05	0.05	0.05	0.05	0.05	0.05	-2.4%
Distillate Fuel Oil	0.75	0.74	0.74	0.74	0.74	0.74	0.73	-0.9%
Liquefied Petroleum Gases	0.00	0.00	0.00	0.00	0.00	0.00	0.00	N/A
Petroleum Subtotal	0.80	0.79	0.79	0.79	0.78	0.78	0.78	-1.1%
Natural Gas	6.22	6.22	6.21	6.20	6.19	6.17	6.17	-0.2%
Steam Coal	0.0	0.0	0.0	0.0	0.0	0.0	0.0	N/A
Purchased Electricity	1.71	1.70	1.70	1.69	1.69	1.69	1.68	-0.4%
Total	8.73	8.71	8.70	8.68	8.66	8.64	8.63	-0.3%
Carbon Dioxide Emissions 2/ (million metric tons)	23.0	23.4	23.7	24.1	24.5	24.8	25.1	1.7%
Combined Heat and Power 4/ Generating Capacity (gigawatts)								
Petroleum	0.00	0.00	0.00	0.00	0.00	0.00	0.00	N/A
Natural Gas	0.03	0.03	0.03	0.03	0.03	0.04	0.04	N/A
Coal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	N/A
Other 5/	0.00	0.00	0.00	0.00	0.00	0.00	0.00	N/A
Total	0.03	0.03	0.03	0.03	0.03	0.04	0.04	N/A

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Table 28. Glass Industry Energy Consum

	2024	2025	2026	2027	2028	2029	2030	2005- 2030
Net Generation (billion kilowatthours)								
Petroleum	0.00	0.00	0.00	0.00	0.00	0.00	0.00	N/A
Natural Gas	0.19	0.21	0.22	0.23	0.25	0.26	0.27	N/A
Coal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	N/A
Other 5/	0.00	0.00	0.00	0.00	0.00	0.00	0.00	N/A
Total	0.19	0.21	0.22	0.23	0.25	0.26	0.27	N/A
Disposition								
Sales to the Grid	0.00	0.00	0.00	0.00	0.00	0.00	0.00	N/A
Generation for own use	0.19	0.21	0.22	0.23	0.25	0.26	0.27	N/A

1/ Fuel consumption includes consumption
2/ Includes emissions attributable to the fue
4/ Includes industrial-owned generators not
5/ Includes wood and other biomass, waste
Btu = British thermal unit.
N/A = Not applicable.

Note: Totals may not equal sum of compor
Source: 2004 and 2005 nonutility and CHF
Generator Report," 2002 (preliminary). Other
Modeling System run aeo2007.d112106a.

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Table 29. Cement Industry Energy Consumption

	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013
Value of Shipments (billion 2000 dollars)	7.63	7.78	8.18	8.40	8.54	8.52	8.48	8.50	8.58	8.69
Energy Consumption (trillion Btu) 1/										
Residual Fuel Oil	1.1	1.0	1.0	1.0	1.0	0.9	0.9	0.9	0.9	1.0
Distillate Fuel Oil	12.9	12.9	12.5	12.5	12.8	12.9	12.9	13.0	13.1	13.2
Petroleum Coke	55.7	56.1	58.0	58.8	59.2	58.6	57.9	57.5	57.6	57.8
Other Petroleum 2/	35.6	35.9	37.1	37.6	37.8	37.4	37.0	36.8	36.8	37.0
Petroleum Subtotal	105.4	105.9	108.6	110.0	110.8	109.8	108.8	108.2	108.5	108.9
Natural Gas	21.7	21.7	23.2	23.8	24.0	24.1	24.1	24.2	24.3	24.6
Steam Coal	241.6	244.2	252.7	256.4	258.1	255.8	253.3	252.1	252.5	253.7
Metallurgical Coal	8.0	8.1	8.4	8.5	8.5	8.5	8.4	8.3	8.3	8.4
Coal Subtotal	249.6	252.3	261.0	264.9	266.6	264.2	261.7	260.4	260.8	262.1
Purchased Electricity	44.6	45.5	47.5	48.5	49.0	48.6	48.2	48.1	48.4	48.8
Total	421.2	425.4	440.3	447.2	450.4	446.8	442.8	440.9	442.0	444.5
Energy Consumption per Unit of Output (thousand Btu per 2000 dollar shipments)										
Residual Fuel Oil	0.15	0.13	0.12	0.12	0.11	0.11	0.11	0.11	0.11	0.11
Distillate Fuel Oil	1.69	1.66	1.53	1.49	1.50	1.52	1.52	1.53	1.53	1.51
Petroleum Coke	7.30	7.21	7.10	7.00	6.93	6.88	6.83	6.77	6.71	6.65
Other Petroleum 2/	4.67	4.61	4.53	4.48	4.43	4.40	4.37	4.33	4.29	4.26
Petroleum Subtotal	13.80	13.61	13.28	13.09	12.97	12.90	12.82	12.74	12.65	12.53
Natural Gas	2.84	2.79	2.83	2.83	2.81	2.83	2.84	2.84	2.83	2.83
Steam Coal	31.65	31.38	30.90	30.52	30.22	30.03	29.86	29.66	29.43	29.19
Metallurgical Coal	1.05	1.04	1.02	1.01	1.00	0.99	0.99	0.98	0.97	0.96
Coal Subtotal	32.70	32.42	31.92	31.53	31.22	31.03	30.85	30.64	30.40	30.15
Purchased Electricity	5.84	5.85	5.81	5.77	5.74	5.71	5.68	5.66	5.64	5.62
Total	55.18	54.66	53.84	53.22	52.74	52.46	52.19	51.88	51.52	51.13
Carbon Dioxide Emissions 3/ (million metric tc	39.5	39.9	41.2	41.8	42.0	41.7	41.4	41.2	41.3	41.5

Combined Heat and Power 4/

Case No. 2014-00166

Attachment 3 for Response to AG 1-26

Witness: John W. Hutts

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Table 29. Cement Industry Energy Consumption

	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013
Generating Capacity (gigawatts)										
Petroleum	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02
Natural Gas	0.02	0.02	0.02	0.02	0.03	0.03	0.03	0.03	0.04	0.04
Coal	0.08	0.08	0.08	0.08	0.08	0.08	0.08	0.08	0.08	0.08
Other 5/	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01
Total	0.12	0.12	0.12	0.12	0.13	0.13	0.13	0.13	0.14	0.14
Net Generation (billion kilowatthours)										
Petroleum	0.19	0.19	0.19	0.19	0.19	0.19	0.19	0.19	0.19	0.19
Natural Gas	0.01	0.01	0.03	0.05	0.07	0.09	0.11	0.12	0.14	0.15
Coal	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25
Other 5/	0.04	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05
Total	0.49	0.50	0.52	0.54	0.56	0.58	0.59	0.61	0.63	0.64
Disposition										
Sales to the Grid	0.04	0.04	0.04	0.05	0.05	0.06	0.06	0.07	0.07	0.07
Generation for Own Use	0.45	0.46	0.47	0.49	0.50	0.52	0.53	0.54	0.56	0.57

1/ Fuel consumption includes consumption for combined heat and power.

2/ Includes petroleum coke, lubricants, and miscellaneous petroleum products.

3/ Includes emissions attributable to the fuels consumed to generate the purchased electricity.

4/ Includes industrial-owned generators not classified as combined heat and power, such as standby generators.

5/ Includes wood and other biomass, waste heat, municipal solid waste, and renewable sources.

Btu = British thermal unit.

N/A = Not applicable.

Note: Totals may not equal sum of components due to independent rounding. Data for 2005 are model results and may differ slightly from official EIA data reports.

Source: 2004 and 2005 nonutility and CHP summer capacity, net generation, fuel use, and thermal output: Energy Information Administration (EIA), Form EIA-860: Generator Report," 2002 (preliminary). Other 2004 and 2005 data based on: EIA, Manufacturing Energy Consumption Survey, 1998. Projections: EIA, AEO2007 National Modeling System run aeo2007.d112106a.

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Table 29. Cement Industry Energy Consu

	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023
Value of Shipments (billion 2000 dollars)	8.76	8.88	9.01	9.03	9.09	9.22	9.36	9.48	9.60	9.67
Energy Consumption (trillion Btu) 1/										
Residual Fuel Oil	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9
Distillate Fuel Oil	13.3	13.3	13.3	13.3	13.2	13.2	13.2	13.2	13.2	13.3
Petroleum Coke	57.7	58.0	58.3	58.0	57.9	58.3	58.6	58.9	59.2	59.2
Other Petroleum 2/	37.0	37.1	37.3	37.2	37.1	37.4	37.8	38.0	38.2	38.2
Petroleum Subtotal	109.0	109.4	109.8	109.4	109.2	109.7	110.5	111.0	111.5	111.6
Natural Gas	24.7	25.0	25.3	25.3	25.5	25.9	26.2	26.6	26.9	27.1
Steam Coal	253.9	255.3	257.0	256.3	256.3	258.1	260.2	261.6	263.5	264.5
Metallurgical Coal	8.4	8.4	8.5	8.5	8.5	8.5	8.6	8.7	8.8	8.8
Coal Subtotal	262.3	263.7	265.5	264.7	264.8	266.6	268.8	270.3	272.2	273.3
Purchased Electricity	49.0	49.5	50.0	50.0	50.1	50.7	51.3	51.7	52.3	52.5
Total	445.0	447.6	450.6	449.4	449.7	452.9	456.8	459.6	462.9	464.4
Energy Consumption per Unit of Output (thousand Btu per 2000 dollar shipments)										
Residual Fuel Oil	0.11	0.11	0.11	0.10	0.10	0.10	0.10	0.09	0.09	0.09
Distillate Fuel Oil	1.52	1.50	1.47	1.47	1.46	1.43	1.41	1.39	1.37	1.37
Petroleum Coke	6.59	6.53	6.47	6.42	6.37	6.32	6.26	6.22	6.17	6.12
Other Petroleum 2/	4.22	4.18	4.15	4.12	4.09	4.06	4.03	4.01	3.98	3.95
Petroleum Subtotal	12.44	12.32	12.20	12.12	12.02	11.90	11.81	11.71	11.61	11.53
Natural Gas	2.82	2.82	2.81	2.80	2.81	2.81	2.80	2.81	2.81	2.80
Steam Coal	28.98	28.76	28.53	28.38	28.20	27.99	27.79	27.60	27.44	27.35
Metallurgical Coal	0.96	0.95	0.94	0.94	0.93	0.92	0.92	0.92	0.91	0.91
Coal Subtotal	29.94	29.71	29.48	29.31	29.13	28.92	28.71	28.52	28.35	28.26
Purchased Electricity	5.60	5.58	5.56	5.54	5.51	5.49	5.48	5.46	5.44	5.43
Total	50.80	50.42	50.04	49.77	49.47	49.12	48.79	48.49	48.20	48.02
Carbon Dioxide Emissions 3/ (million metric t)	41.6	41.8	42.1	42.0	42.0	42.3	42.7	43.0	43.4	43.6

Combined Heat and Power 4/

Case No. 2014-00166

Attachment 3 for Response to AG 1-26

Witness: John W. Hutts

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Table 29. Cement Industry Energy Consu

	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023
Generating Capacity (gigawatts)										
Petroleum	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02
Natural Gas	0.04	0.04	0.04	0.05	0.05	0.05	0.05	0.06	0.06	0.06
Coal	0.08	0.08	0.08	0.08	0.08	0.08	0.08	0.08	0.08	0.08
Other 5/	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01
Total	0.14	0.14	0.15	0.15	0.15	0.15	0.15	0.16	0.16	0.16
Net Generation (billion kilowatthours)										
Petroleum	0.19	0.19	0.19	0.19	0.19	0.19	0.19	0.19	0.19	0.19
Natural Gas	0.17	0.19	0.20	0.22	0.23	0.25	0.27	0.29	0.30	0.32
Coal	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25
Other 5/	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05
Total	0.66	0.67	0.69	0.71	0.72	0.74	0.76	0.77	0.79	0.81
Disposition										
Sales to the Grid	0.08	0.08	0.09	0.09	0.09	0.10	0.10	0.11	0.11	0.11
Generation for Own Use	0.58	0.59	0.60	0.62	0.63	0.64	0.66	0.67	0.68	0.69

1/ Fuel consumption includes consumption

2/ Includes petroleum coke, lubricants, and

3/ Includes emissions attributable to the fue

4/ Includes industrial-owned generators not

5/ Includes wood and other biomass, waste

Btu = British thermal unit.

N/A = Not applicable.

Note: Totals may not equal sum of compor

Source: 2004 and 2005 nonutility and CHF"Annual Electric Generator Report," 2002 (preliminary). Othernal Energy Modeling System run aeo2007.d112106a.

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Table 29. Cement Industry Energy Consu

	2024	2025	2026	2027	2028	2029	2030	2005-2030
Value of Shipments (billion 2000 dollars)	9.75	9.88	10.00	10.12	10.22	10.25	10.30	1.1%
Energy Consumption (trillion Btu) 1/								
Residual Fuel Oil	0.9	0.9	0.9	0.9	0.9	0.9	0.9	-0.5%
Distillate Fuel Oil	13.2	13.1	13.1	13.1	13.0	13.0	12.9	0.0%
Petroleum Coke	59.3	59.7	60.1	60.6	60.9	60.8	60.9	0.3%
Other Petroleum 2/	38.2	38.4	38.6	38.8	39.0	38.9	38.9	0.3%
Petroleum Subtotal	111.6	112.2	112.8	113.4	113.8	113.6	113.6	0.3%
Natural Gas	27.3	27.7	28.0	28.3	28.6	28.7	28.9	1.2%
Steam Coal	265.9	268.3	270.4	272.8	274.6	274.7	275.4	0.5%
Metallurgical Coal	8.8	8.9	9.0	9.1	9.1	9.1	9.2	0.5%
Coal Subtotal	274.7	277.2	279.4	281.9	283.7	283.9	284.5	0.5%
Purchased Electricity	52.8	53.3	53.8	54.4	54.8	54.9	55.0	0.8%
Total	466.4	470.4	474.0	478.1	481.0	481.1	482.1	0.5%
Energy Consumption per Unit of Output (thousand Btu per 2000 dollar shipments)								
Residual Fuel Oil	0.09	0.09	0.09	0.09	0.09	0.09	0.09	-1.6%
Distillate Fuel Oil	1.35	1.33	1.31	1.29	1.27	1.27	1.25	-1.1%
Petroleum Coke	6.08	6.05	6.02	5.99	5.96	5.94	5.91	-0.8%
Other Petroleum 2/	3.92	3.89	3.86	3.84	3.81	3.80	3.78	-0.8%
Petroleum Subtotal	11.44	11.35	11.28	11.20	11.13	11.09	11.04	-0.8%
Natural Gas	2.80	2.80	2.80	2.80	2.80	2.80	2.80	0.0%
Steam Coal	27.26	27.15	27.05	26.95	26.87	26.81	26.75	-0.6%
Metallurgical Coal	0.91	0.90	0.90	0.90	0.89	0.89	0.89	-0.6%
Coal Subtotal	28.17	28.05	27.95	27.85	27.76	27.70	27.64	-0.6%
Purchased Electricity	5.41	5.40	5.39	5.38	5.37	5.36	5.35	-0.4%
Total	47.82	47.61	47.42	47.23	47.06	46.95	46.82	-0.6%
Carbon Dioxide Emissions 3/ (million metric t)	43.8	44.2	44.6	45.0	45.3	45.4	45.5	0.5%

Combined Heat and Power 4/

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Table 29. Cement Industry Energy Consu

	2024	2025	2026	2027	2028	2029	2030	2005-2030
Generating Capacity (gigawatts)								
Petroleum	0.02	0.02	0.02	0.02	0.02	0.02	0.02	N/A
Natural Gas	0.06	0.06	0.07	0.07	0.07	0.07	0.07	5.7%
Coal	0.08	0.08	0.08	0.08	0.08	0.08	0.08	N/A
Other 5/	0.01	0.01	0.01	0.01	0.01	0.01	0.01	N/A
Total	0.16	0.17	0.17	0.17	0.17	0.17	0.18	1.5%
Net Generation (billion kilowatthours)								
Petroleum	0.19	0.19	0.19	0.19	0.19	0.19	0.19	N/A
Natural Gas	0.33	0.35	0.37	0.38	0.40	0.41	0.42	15.3%
Coal	0.25	0.25	0.25	0.25	0.25	0.25	0.25	N/A
Other 5/	0.05	0.05	0.05	0.05	0.05	0.05	0.05	N/A
Total	0.82	0.84	0.86	0.87	0.88	0.90	0.91	2.4%
Disposition								
Sales to the Grid	0.12	0.12	0.13	0.13	0.13	0.14	0.14	5.2%
Generation for Own Use	0.71	0.72	0.73	0.74	0.75	0.76	0.77	2.1%

1/ Fuel consumption includes consumption

2/ Includes petroleum coke, lubricants, and

3/ Includes emissions attributable to the fue

4/ Includes industrial-owned generators not

5/ Includes wood and other biomass, waste

Btu = British thermal unit.

N/A = Not applicable.

Note: Totals may not equal sum of compor

Source: 2004 and 2005 nonutility and CHF

Generator Report," 2002 (preliminary). Other

Modeling System run aeo2007.d112106a.

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Table 30. Iron and Steel Industries Energy Consumption

	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013
Value of Shipments (billion 2000 dollars)	68.48	64.26	69.55	70.96	71.96	72.49	73.58	74.33	75.27	76.33
Energy Consumption (trillion Btu) 1/										
Distillate Fuel Oil	6.6	6.0	5.7	5.7	5.8	5.9	5.9	6.0	6.1	6.2
Residual Fuel Oil	1.9	1.6	1.0	0.6	0.6	0.6	0.7	0.7	0.7	0.7
Other Petroleum 2/ Petroleum Subtotal	100.4	104.4	103.2	94.1	89.4	84.7	82.2	78.1	76.3	73.8
Natural Gas	409.8	387.4	422.6	430.0	429.8	427.5	427.1	427.1	426.2	427.4
Metallurgical Coal	627.0	596.8	614.4	610.2	604.5	597.2	593.1	587.9	584.2	581.5
Net Coke Imports	22.5	20.2	23.2	22.8	22.0	20.9	20.3	19.5	19.0	18.7
Steam Coal	53.6	52.1	53.5	53.5	53.3	53.0	52.9	52.8	52.7	52.7
Coal Subtotal	703.1	669.2	691.2	686.5	679.8	671.1	666.3	660.2	655.9	652.8
Renewables	7.1	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7
Purchased Electricity	197.8	190.8	207.3	210.6	212.6	212.4	214.6	215.8	218.1	220.6
Total	1426.7	1365.0	1436.6	1433.2	1423.7	1407.9	1402.4	1393.5	1389.0	1387.3
Energy Consumption per Unit of Output (thousand Btu per 2000 dollar shipments)										
Distillate Fuel Oil	0.10	0.09	0.08	0.08	0.08	0.08	0.08	0.08	0.08	0.08
Residual Fuel Oil	0.03	0.02	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01
Other Petroleum 2/ Petroleum Subtotal	1.47	1.62	1.48	1.33	1.24	1.17	1.12	1.05	1.01	0.97
Natural Gas	5.98	6.03	6.08	6.06	5.97	5.90	5.80	5.75	5.66	5.60
Metallurgical Coal	9.16	9.29	8.83	8.60	8.40	8.24	8.06	7.91	7.76	7.62
Net Coke Imports	0.33	0.31	0.33	0.32	0.31	0.29	0.28	0.26	0.25	0.24
Steam Coal	0.78	0.81	0.77	0.75	0.74	0.73	0.72	0.71	0.70	0.69
Coal Subtotal	10.27	10.41	9.94	9.67	9.45	9.26	9.06	8.88	8.71	8.55
Renewables	0.10	0.09	0.08	0.08	0.08	0.08	0.08	0.08	0.08	0.07
Purchased Electricity	2.89	2.97	2.98	2.97	2.95	2.93	2.92	2.90	2.90	2.89
Total	20.83	21.24	20.66	20.20	19.78	19.42	19.06	18.75	18.45	18.17
Carbon Dioxide Emissions 3/ (million metric t)	132.8	127.3	133.5	133.2	132.3	131.0	130.9	130.2	129.9	130.0

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Table 30. Iron and Steel Industries Energy Consumption

	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013
Combined Heat and Power 4/ Generating Capacity (gigawatts)										
Petroleum	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Natural Gas	0.04	0.01	0.01	0.02	0.02	0.04	0.05	0.06	0.07	0.08
Coal	0.26	0.26	0.26	0.26	0.26	0.26	0.26	0.26	0.26	0.26
Other 5/	1.06	1.03	1.03	1.03	1.03	1.03	1.03	1.03	1.03	1.03
Total	1.37	1.30	1.30	1.31	1.31	1.33	1.34	1.35	1.36	1.37
Net Generation (billion kilowatthours)										
Petroleum	0.03	0.06	0.06	0.06	0.06	0.06	0.06	0.06	0.06	0.06
Natural Gas	0.48	0.43	0.46	0.50	0.56	0.64	0.74	0.83	0.92	1.01
Coal	1.49	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50
Other 5/	4.72	3.70	3.70	3.70	3.70	3.70	3.70	3.70	3.70	3.70
Total	6.72	5.69	5.71	5.76	5.81	5.90	5.99	6.09	6.17	6.26
Disposition										
Sales to the Grid	0.82	0.85	0.85	0.85	0.86	0.87	0.88	0.89	0.90	0.91
Generation for Own Use	5.90	4.84	4.86	4.90	4.95	5.03	5.11	5.20	5.27	5.35

1/ Fuel consumption includes consumption for combined heat and power.

2/ Includes petroleum coke, lubricants, and miscellaneous petroleum products.

3/ Includes emissions attributable to the fuels consumed to generate the purchased electricity.

4/ Includes industrial-owned generators not classified as combined heat and power, such as standby generators.

5/ Includes wood and other biomass, waste heat, municipal solid waste, and renewable sources.

Btu = British thermal unit.

N/A = Not applicable.

Note: Totals may not equal sum of components due to independent rounding. Data for 2005 are model results and may differ slightly from official EIA data reports.

Source: 2004 and 2005 nonutility and CHP summer capacity, net generation, fuel use, and thermal output: Energy Information Administration (EIA), Form EIA-860: Generator Report," 2002 (preliminary). Other 2004 and 2005 data based on: EIA, Manufacturing Energy Consumption Survey, 1998. Projections: EIA, AEO2007 National Modeling System run aeo2007.d112106a.

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Table 30. Iron and Steel Industries Energy

	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023
Value of Shipments (billion 2000 dollars)	77.13	77.99	78.42	78.20	78.86	79.97	81.05	82.04	82.79	83.44
Energy Consumption (trillion Btu) 1/										
Distillate Fuel Oil	6.3	6.2	6.1	6.1	6.0	5.9	5.9	5.8	5.7	5.8
Residual Fuel Oil	0.8	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7
Other Petroleum 2/	72.2	69.4	67.2	64.3	62.0	60.5	60.4	59.3	58.8	58.7
Petroleum Subtotal	79.2	76.3	74.1	71.1	68.7	67.1	66.9	65.8	65.1	65.1
Natural Gas	426.1	427.1	424.5	418.9	419.3	422.4	425.2	429.2	431.4	432.5
Metallurgical Coal	577.9	574.8	570.0	562.4	559.0	557.9	557.3	557.2	556.2	554.8
Net Coke Imports	18.3	18.0	17.7	17.0	16.8	16.8	17.0	17.0	17.0	17.0
Steam Coal	52.6	52.5	52.3	51.9	51.9	51.9	52.0	52.0	52.0	52.0
Coal Subtotal	648.7	645.4	640.0	631.3	627.6	626.7	626.2	626.2	625.3	623.8
Renewables	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7
Purchased Electricity	222.5	224.4	225.3	224.4	225.5	228.1	230.8	233.0	235.0	236.9
Total	1382.3	1378.9	1369.7	1351.4	1346.8	1349.9	1354.8	1360.0	1362.6	1363.9
Energy Consumption per Unit of Output (thousand Btu per 2000 dollar shipments)										
Distillate Fuel Oil	0.08	0.08	0.08	0.08	0.08	0.07	0.07	0.07	0.07	0.07
Residual Fuel Oil	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01
Other Petroleum 2/	0.94	0.89	0.86	0.82	0.79	0.76	0.74	0.72	0.71	0.70
Petroleum Subtotal	1.03	0.98	0.95	0.91	0.87	0.84	0.83	0.80	0.79	0.78
Natural Gas	5.52	5.48	5.41	5.36	5.32	5.28	5.25	5.23	5.21	5.18
Metallurgical Coal	7.49	7.37	7.27	7.19	7.09	6.98	6.88	6.79	6.72	6.65
Net Coke Imports	0.24	0.23	0.23	0.22	0.21	0.21	0.21	0.21	0.21	0.20
Steam Coal	0.68	0.67	0.67	0.66	0.66	0.65	0.64	0.63	0.63	0.62
Coal Subtotal	8.41	8.27	8.16	8.07	7.96	7.84	7.73	7.63	7.55	7.48
Renewables	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07
Purchased Electricity	2.89	2.88	2.87	2.87	2.86	2.85	2.85	2.84	2.84	2.84
Total	17.92	17.68	17.47	17.28	17.08	16.88	16.72	16.58	16.46	16.35
Carbon Dioxide Emissions 3/ (million metric tons)	129.9	129.6	129.0	127.3	126.9	127.3	128.0	128.7	129.2	129.7

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Table 30. Iron and Steel Industries Energy

	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023
Combined Heat and Power 4/ Generating Capacity (gigawatts)										
Petroleum	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Natural Gas	0.10	0.11	0.12	0.13	0.14	0.15	0.17	0.18	0.20	0.21
Coal	0.26	0.26	0.26	0.26	0.26	0.26	0.26	0.26	0.26	0.26
Other 5/ Total	1.03 1.38	1.03 1.40	1.03 1.41	1.03 1.42	1.03 1.43	1.03 1.44	1.03 1.46	1.03 1.47	1.03 1.49	1.03 1.50
Net Generation (billion kilowatthours)										
Petroleum	0.06	0.06	0.06	0.06	0.06	0.06	0.06	0.06	0.06	0.06
Natural Gas	1.09	1.18	1.27	1.35	1.45	1.55	1.65	1.76	1.86	1.96
Coal	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50
Other 5/ Total	3.70 6.35	3.70 6.44	3.70 6.53	3.70 6.61	3.70 6.71	3.70 6.81	3.70 6.91	3.70 7.02	3.70 7.12	3.70 7.22
Disposition										
Sales to the Grid	0.92	0.93	0.94	0.95	0.96	0.97	0.98	1.00	1.01	1.02
Generation for Own Use	5.43	5.51	5.58	5.66	5.74	5.83	5.92	6.02	6.11	6.20

1/ Fuel consumption includes consumption

2/ Includes petroleum coke, lubricants, and

3/ Includes emissions attributable to the fue

4/ Includes industrial-owned generators not

5/ Includes wood and other biomass, waste

Btu = British thermal unit.

N/A = Not applicable.

Note: Totals may not equal sum of compor

Source: 2004 and 2005 nonutility and CHF"Annual Electric
Generator Report," 2002 (preliminary). Othernal Energy
Modeling System run aeo2007.d112106a.

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Table 30. Iron and Steel Industries Energy

	2024	2025	2026	2027	2028	2029	2030	2005-2030
Value of Shipments (billion 2000 dollars)	84.43	85.69	87.12	88.35	89.27	89.70	90.29	1.4%
Energy Consumption (trillion Btu) 1/								
Distillate Fuel Oil	5.7	5.6	5.6	5.5	5.5	5.4	5.3	-0.4%
Residual Fuel Oil	0.7	0.7	0.7	0.7	0.7	0.7	0.7	-3.3%
Other Petroleum 2/	58.2	58.1	58.0	58.2	58.3	57.5	56.9	-2.4%
Petroleum Subtotal	64.6	64.4	64.3	64.4	64.5	63.7	63.0	-2.3%
Natural Gas	435.9	440.8	446.8	451.4	454.4	455.8	458.1	0.7%
Metallurgical Coal	555.1	556.7	559.3	561.0	561.4	559.7	558.8	-0.3%
Net Coke Imports	17.2	17.5	17.9	18.4	18.6	18.6	18.6	-0.3%
Steam Coal	52.1	52.2	52.5	52.6	52.7	52.7	52.6	0.0%
Coal Subtotal	624.3	626.4	629.7	632.0	632.8	630.9	630.1	-0.2%
Renewables	5.7	5.7	5.7	5.7	5.7	5.7	5.7	N/A
Purchased Electricity	239.6	243.2	247.4	251.2	254.3	255.8	257.8	1.2%
Total	1370.1	1380.5	1393.8	1404.7	1411.6	1411.9	1414.6	0.1%
Energy Consumption per Unit of Output (thousand Btu per 2000 dollar shipments)								
Distillate Fuel Oil	0.07	0.07	0.06	0.06	0.06	0.06	0.06	-1.8%
Residual Fuel Oil	0.01	0.01	0.01	0.01	0.01	0.01	0.01	-4.6%
Other Petroleum 2/	0.69	0.68	0.67	0.66	0.65	0.64	0.63	-3.7%
Petroleum Subtotal	0.76	0.75	0.74	0.73	0.72	0.71	0.70	-3.6%
Natural Gas	5.16	5.14	5.13	5.11	5.09	5.08	5.07	-0.7%
Metallurgical Coal	6.57	6.50	6.42	6.35	6.29	6.24	6.19	-1.6%
Net Coke Imports	0.20	0.20	0.21	0.21	0.21	0.21	0.21	-1.7%
Steam Coal	0.62	0.61	0.60	0.60	0.59	0.59	0.58	-1.3%
Coal Subtotal	7.39	7.31	7.23	7.15	7.09	7.03	6.98	-1.6%
Renewables	0.07	0.07	0.07	0.06	0.06	0.06	0.06	-1.4%
Purchased Electricity	2.84	2.84	2.84	2.84	2.85	2.85	2.85	-0.2%
Total	16.23	16.11	16.00	15.90	15.81	15.74	15.67	-1.2%
Carbon Dioxide Emissions 3/ (million metric tons)	130.5	131.6	133.1	134.5	135.4	135.7	136.3	0.3%

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Table 30. Iron and Steel Industries Energy

	2024	2025	2026	2027	2028	2029	2030	2005-2030
Combined Heat and Power 4/ Generating Capacity (gigawatts)								
Petroleum	0.00	0.00	0.00	0.00	0.00	0.00	0.00	N/A
Natural Gas	0.22	0.24	0.25	0.26	0.27	0.29	0.30	15.3%
Coal	0.26	0.26	0.26	0.26	0.26	0.26	0.26	N/A
Other 5/	1.03	1.03	1.03	1.03	1.03	1.03	1.03	N/A
Total	1.51	1.52	1.54	1.55	1.56	1.58	1.59	0.8%
Net Generation (billion kilowatthours)								
Petroleum	0.06	0.06	0.06	0.06	0.06	0.06	0.06	N/A
Natural Gas	2.06	2.16	2.27	2.36	2.46	2.55	2.64	7.5%
Coal	1.50	1.50	1.50	1.50	1.50	1.50	1.50	N/A
Other 5/	3.70	3.70	3.70	3.70	3.70	3.70	3.70	N/A
Total	7.32	7.42	7.52	7.62	7.71	7.81	7.90	1.3%
Disposition								
Sales to the Grid	1.03	1.04	1.05	1.07	1.08	1.09	1.10	1.0%
Generation for Own Use	6.29	6.38	6.47	6.55	6.64	6.72	6.80	1.4%

1/ Fuel consumption includes consumption
2/ Includes petroleum coke, lubricants, and
3/ Includes emissions attributable to the fue
4/ Includes industrial-owned generators not
5/ Includes wood and other biomass, waste
Btu = British thermal unit.

N/A = Not applicable.

Note: Totals may not equal sum of compor
Source: 2004 and 2005 nonutility and CHF
Generator Report," 2002 (preliminary). Other
Modeling System run aeo2007.d112106a.

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Table 31. Aluminum Industry Energy Consumption

	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013
Value of Shipments (billion 2000 dollars)	30.43	30.16	29.85	30.64	30.97	31.10	31.08	31.62	32.28	32.80
Energy Consumption (trillion Btu) 1/										
Distillate Fuel Oil	0.9	0.9	0.8	0.8	0.8	0.8	0.8	0.8	0.9	0.9
Liquefied Petroleum Gases	0.9	0.9	0.8	0.7	0.7	0.7	0.7	0.7	0.7	0.7
Petroleum Coke	39.9	39.2	38.5	37.8	37.0	36.3	35.6	34.9	34.3	33.6
Other Petroleum	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Petroleum Subtotal	41.7	41.0	40.1	39.3	38.6	37.8	37.1	36.5	35.8	35.2
Natural Gas	126.7	123.8	122.2	123.7	123.6	123.4	122.6	123.7	125.0	125.9
Steam Coal	31.7	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0
Renewables	22.2	14.9	14.9	14.9	14.9	14.9	14.9	14.9	14.9	14.9
Purchased Electricity	181.2	179.5	176.8	174.6	172.0	169.4	166.8	164.9	163.2	161.3
Total	403.5	389.2	384.0	382.5	379.1	375.5	371.4	370.0	368.9	367.3
Energy Consumption per Unit of Output (thousand Btu per 2000 dollar shipments)										
Distillate Fuel Oil	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03
Liquefied Petroleum Gases	0.03	0.03	0.03	0.02	0.02	0.02	0.02	0.02	0.02	0.02
Petroleum Coke	1.31	1.30	1.29	1.23	1.20	1.17	1.14	1.10	1.06	1.03
Other Petroleum	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Petroleum Subtotal	1.37	1.36	1.34	1.28	1.25	1.22	1.19	1.15	1.11	1.07
Natural Gas	4.16	4.11	4.09	4.04	3.99	3.97	3.94	3.91	3.87	3.84
Steam Coal	1.04	0.99	1.01	0.98	0.97	0.96	0.97	0.95	0.93	0.91
Renewables	0.73	0.49	0.50	0.49	0.48	0.48	0.48	0.47	0.46	0.45
Purchased Electricity	5.96	5.95	5.92	5.70	5.55	5.45	5.37	5.22	5.05	4.92
Total	13.26	12.90	12.86	12.48	12.24	12.07	11.95	11.70	11.43	11.20
Carbon Dioxide Emissions 2/ (million metric tons)	46.4	45.6	44.4	43.8	43.1	42.6	42.2	41.8	41.4	41.0
Combined Heat and Power 4/ Generating Capacity (gigawatts)										
Petroleum	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

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Table 31. Aluminum Industry Energy Consumption

	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013
Natural Gas	0.00	0.00	0.00	0.00	0.00	0.01	0.01	0.02	0.02	0.02
Coal	0.36	0.36	0.36	0.36	0.36	0.36	0.36	0.36	0.36	0.36
Other 5/	0.34	0.34	0.34	0.34	0.34	0.34	0.34	0.34	0.34	0.34
Total	0.70	0.70	0.70	0.70	0.71	0.71	0.71	0.72	0.72	0.73
Net Generation (billion kilowatthours)										
Petroleum	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Natural Gas	0.00	0.00	0.01	0.02	0.03	0.05	0.08	0.11	0.15	0.18
Coal	2.67	2.50	2.50	2.50	2.50	2.50	2.50	2.50	2.50	2.50
Other 5/	2.40	1.56	1.56	1.56	1.56	1.56	1.56	1.56	1.56	1.56
Total	5.07	4.06	4.06	4.07	4.09	4.11	4.14	4.17	4.20	4.23
Disposition										
Sales to the Grid	2.22	1.46	1.46	1.46	1.46	1.46	1.47	1.47	1.48	1.48
Generation for Own Use	2.86	2.60	2.61	2.62	2.63	2.65	2.67	2.70	2.72	2.75

1/ Fuel consumption includes consumption for combined heat and power.

2/ Includes emissions attributable to the fuels consumed to generate the purchased electricity.

4/ Includes industrial-owned generators not classified as combined heat and power, such as standby generators.

5/ Includes wood and other biomass, waste heat, municipal solid waste, and renewable sources.

Btu = British thermal unit.

N/A = Not applicable.

Note: Totals may not equal sum of components due to independent rounding. Data for 2005 are model results and may differ slightly from official EIA data reports.

Source: 2004 and 2005 nonutility and CHP summer capacity, net generation, fuel use, and thermal output: Energy Information Administration (EIA), Form EIA-860: Generator Report," 2002 (preliminary). Other 2004 and 2005 data based on: EIA, Manufacturing Energy Consumption Survey, 1998. Projections: EIA, AEO2007 National Modeling System run aeo2007.d112106a.

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Table 31. Aluminum Industry Energy Con

	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023
Value of Shipments (billion 2000 dollars)	33.21	33.68	34.07	34.00	34.24	34.92	35.57	35.95	36.28	36.55
Energy Consumption (trillion Btu) 1/										
Distillate Fuel Oil	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9
Liquefied Petroleum Gases	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7
Petroleum Coke	33.0	32.4	31.8	31.2	30.7	30.1	29.5	29.0	28.5	28.0
Other Petroleum	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Petroleum Subtotal	34.6	34.0	33.4	32.8	32.2	31.7	31.1	30.6	30.1	29.5
Natural Gas	126.4	127.1	127.4	126.4	126.4	127.7	129.1	130.0	130.8	131.4
Steam Coal	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0
Renewables	14.9	14.9	14.9	14.9	14.9	14.9	14.9	14.9	14.9	14.9
Purchased Electricity	159.3	157.4	155.5	153.1	151.0	149.3	147.6	145.8	144.0	142.4
Total	365.2	363.4	361.2	357.2	354.5	353.6	352.8	351.3	349.8	348.2
Energy Consumption per Unit of Output (thousand Btu per 2000 dollar shipments)										
Distillate Fuel Oil	0.03	0.03	0.03	0.03	0.03	0.02	0.02	0.02	0.02	0.02
Liquefied Petroleum Gases	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02
Petroleum Coke	0.99	0.96	0.93	0.92	0.90	0.86	0.83	0.81	0.79	0.76
Other Petroleum	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Petroleum Subtotal	1.04	1.01	0.98	0.97	0.94	0.91	0.88	0.85	0.83	0.81
Natural Gas	3.80	3.77	3.74	3.72	3.69	3.66	3.63	3.62	3.61	3.60
Steam Coal	0.90	0.89	0.88	0.88	0.88	0.86	0.84	0.83	0.83	0.82
Renewables	0.45	0.44	0.44	0.44	0.44	0.43	0.42	0.41	0.41	0.41
Purchased Electricity	4.80	4.67	4.56	4.50	4.41	4.28	4.15	4.05	3.97	3.90
Total	11.00	10.79	10.60	10.51	10.35	10.13	9.92	9.77	9.64	9.53
Carbon Dioxide Emissions 2/ (million metric tons)	40.8	40.3	39.9	39.3	38.8	38.5	38.3	38.1	37.9	37.7
Combined Heat and Power 4/ Generating Capacity (gigawatts)										
Petroleum	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

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Table 31. Aluminum Industry Energy Con

	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023
Natural Gas	0.03	0.03	0.04	0.04	0.04	0.05	0.05	0.06	0.06	0.07
Coal	0.36	0.36	0.36	0.36	0.36	0.36	0.36	0.36	0.36	0.36
Other 5/	0.34	0.34	0.34	0.34	0.34	0.34	0.34	0.34	0.34	0.34
Total	0.73	0.73	0.74	0.74	0.75	0.75	0.76	0.76	0.77	0.77
Net Generation (billion kilowatthours)										
Petroleum	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Natural Gas	0.21	0.24	0.27	0.30	0.34	0.37	0.41	0.45	0.48	0.51
Coal	2.50	2.50	2.50	2.50	2.50	2.50	2.50	2.50	2.50	2.50
Other 5/	1.56	1.56	1.56	1.56	1.56	1.56	1.56	1.56	1.56	1.56
Total	4.26	4.30	4.33	4.36	4.39	4.43	4.46	4.50	4.54	4.57
Disposition										
Sales to the Grid	1.49	1.49	1.50	1.50	1.51	1.51	1.52	1.53	1.53	1.54
Generation for Own Use	2.78	2.80	2.83	2.86	2.89	2.92	2.95	2.98	3.01	3.03

1/ Fuel consumption includes consumption

2/ Includes emissions attributable to the fue

4/ Includes industrial-owned generators not

5/ Includes wood and other biomass, waste

Btu = British thermal unit.

N/A = Not applicable.

Note: Totals may not equal sum of compor

Source: 2004 and 2005 nonutility and CHF"Annual Electric Generator Report," 2002 (preliminary). Othernal Energy Modeling System run aeo2007.d112106a.

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Table 31. Aluminum Industry Energy Con

	2024	2025	2026	2027	2028	2029	2030	2005- 2030
Value of Shipments (billion 2000 dollars)	36.98	37.18	37.72	38.12	38.62	38.95	39.21	1.1%
Energy Consumption (trillion Btu) 1/								
Distillate Fuel Oil	0.9	0.9	0.9	0.9	0.9	0.9	0.9	-0.2%
Liquefied Petroleum Gases	0.7	0.7	0.7	0.7	0.7	0.7	0.7	-0.8%
Petroleum Coke	27.5	27.1	26.8	26.5	26.2	25.9	25.6	-1.7%
Other Petroleum	0.0	0.0	0.0	0.0	0.0	0.0	0.0	N/A
Petroleum Subtotal	29.1	28.7	28.4	28.1	27.8	27.5	27.2	-1.6%
Natural Gas	132.4	132.8	134.1	135.0	136.2	136.9	137.5	0.4%
Steam Coal	30.0	30.0	30.0	30.0	30.0	30.0	30.0	N/A
Renewables	14.9	14.9	14.9	14.9	14.9	14.9	14.9	N/A
Purchased Electricity	140.9	139.3	138.1	136.8	135.7	134.4	133.0	-1.2%
Total	347.2	345.7	345.6	344.9	344.6	343.7	342.6	-0.5%
Energy Consumption per Unit of Output (thousand Btu per 2000 dollar shipments)								
Distillate Fuel Oil	0.02	0.02	0.02	0.02	0.02	0.02	0.02	-1.2%
Liquefied Petroleum Gases	0.02	0.02	0.02	0.02	0.02	0.02	0.02	-1.8%
Petroleum Coke	0.74	0.73	0.71	0.70	0.68	0.66	0.65	-2.7%
Other Petroleum	0.00	0.00	0.00	0.00	0.00	0.00	0.00	N/A
Petroleum Subtotal	0.79	0.77	0.75	0.74	0.72	0.71	0.69	-2.7%
Natural Gas	3.58	3.57	3.56	3.54	3.53	3.52	3.51	-0.6%
Steam Coal	0.81	0.81	0.80	0.79	0.78	0.77	0.77	-1.0%
Renewables	0.40	0.40	0.40	0.39	0.39	0.38	0.38	-1.0%
Purchased Electricity	3.81	3.75	3.66	3.59	3.51	3.45	3.39	-2.2%
Total	9.39	9.30	9.16	9.05	8.92	8.82	8.74	-1.5%
Carbon Dioxide Emissions 2/ (million metric tons)	37.5	37.3	37.2	37.0	36.9	36.8	36.7	-0.9%
Combined Heat and Power 4/ Generating Capacity (gigawatts)								
Petroleum	0.00	0.00	0.00	0.00	0.00	0.00	0.00	N/A

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Table 31. Aluminum Industry Energy Con

	2024	2025	2026	2027	2028	2029	2030	2005-2030
Natural Gas	0.07	0.08	0.08	0.08	0.09	0.09	0.10	N/A
Coal	0.36	0.36	0.36	0.36	0.36	0.36	0.36	N/A
Other 5/	0.34	0.34	0.34	0.34	0.34	0.34	0.34	N/A
Total	0.77	0.78	0.78	0.79	0.79	0.79	0.80	0.5%
Net Generation (billion kilowatthours)								
Petroleum	0.00	0.00	0.00	0.00	0.00	0.00	0.00	N/A
Natural Gas	0.54	0.57	0.61	0.63	0.66	0.69	0.71	N/A
Coal	2.50	2.50	2.50	2.50	2.50	2.50	2.50	N/A
Other 5/	1.56	1.56	1.56	1.56	1.56	1.56	1.56	N/A
Total	4.60	4.63	4.66	4.69	4.72	4.74	4.77	0.6%
Disposition								
Sales to the Grid	1.54	1.55	1.55	1.55	1.56	1.56	1.57	0.3%
Generation for Own Use	3.06	3.09	3.11	3.14	3.16	3.18	3.20	0.8%

1/ Fuel consumption includes consumption
 2/ Includes emissions attributable to the fue
 4/ Includes industrial-owned generators not
 5/ Includes wood and other biomass, waste
 Btu = British thermal unit.
 N/A = Not applicable.

Note: Totals may not equal sum of compor
 Source: 2004 and 2005 nonutility and CHF
 Generator Report," 2002 (preliminary). Other
 Modeling System run aeo2007.d112106a.

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**Table 32. Metal Based Durables Sector Energy Consumption
(trillion Btu)**

	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013
Fabricated Metal Product Consumption 1/										
Liquefied Petroleum Gases	2.4	2.0	1.8	1.9	1.9	1.9	1.9	2.0	2.0	2.0
Distillate Fuel Oil	3.3	3.3	2.4	2.3	2.4	2.4	2.4	2.4	2.4	2.4
Residual Fuel Oil	3.0	2.6	1.8	1.5	1.4	1.4	1.4	1.4	1.4	1.5
Petroleum Coke	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Petroleum Subtotal	8.7	8.0	5.9	5.6	5.7	5.7	5.7	5.7	5.8	5.9
Natural Gas	197.3	189.7	196.5	197.0	196.7	197.5	196.4	197.1	198.1	199.4
Metallurgical Coal	3.9	3.7	3.7	3.6	3.6	3.5	3.4	3.3	3.2	3.2
Steam Coal	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
Renewables	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Purchased Electricity	161.3	162.0	165.8	166.5	167.6	168.3	168.3	169.9	172.4	174.4
Total	371.4	363.6	372.2	372.9	373.8	375.2	373.9	376.2	379.6	383.0
Machinery Consumption 1/										
Liquefied Petroleum Gases	1.4	1.3	1.1	1.1	1.0	1.0	1.0	1.0	1.0	1.0
Distillate Fuel Oil	0.8	0.8	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6
Residual Fuel Oil	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Petroleum Coke	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Petroleum Subtotal	2.2	2.1	1.7	1.6	1.6	1.6	1.6	1.6	1.6	1.6
Natural Gas	79.0	78.0	82.0	82.7	81.2	80.9	80.8	81.5	82.3	83.7
Steam Coal	2.4	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5
Renewables	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Purchased Electricity	88.4	92.9	96.5	96.7	95.7	95.1	95.4	96.6	98.6	100.7
Total	172.0	175.5	182.7	183.6	181.1	180.1	180.3	182.1	185.0	188.5
Computers Consumption 1/										
Liquefied Petroleum Gases	0.7	0.7	0.6	0.5	0.5	0.5	0.5	0.5	0.5	0.5
Distillate Fuel Oil	0.2	0.3	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
Residual Fuel Oil	0.1	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
Petroleum Coke	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Petroleum Subtotal	1.0	1.2	1.0	0.9	0.9	0.9	0.9	0.9	0.9	0.9

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**Table 32. Metal Based Durables Sector Energy Consumption
(trillion Btu)**

	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013
Natural Gas	52.0	53.1	55.8	56.9	57.4	59.4	61.5	63.6	65.9	68.3
Steam Coal	15.8	16.6	16.6	16.6	16.6	16.6	16.6	16.6	16.6	16.6
Renewables	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Purchased Electricity	129.9	138.2	143.6	147.0	149.0	153.8	159.2	165.2	171.6	177.1
Total	198.8	209.0	217.0	221.4	223.9	230.7	238.2	246.3	255.0	262.9
Transportation Equipment Consumption 1/										
Liquefied Petroleum Gases	2.2	2.0	1.6	1.5	1.5	1.4	1.5	1.5	1.5	1.5
Distillate Fuel Oil	2.0	1.9	1.5	1.4	1.4	1.4	1.5	1.5	1.6	1.6
Residual Fuel Oil	11.7	11.0	8.3	8.3	8.1	7.8	7.6	7.6	7.5	8.0
Petroleum Coke	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Petroleum Subtotal	15.9	14.9	11.4	11.1	10.9	10.7	10.5	10.5	10.6	11.1
Natural Gas	188.1	179.7	184.0	183.3	186.8	193.5	197.5	205.2	209.5	212.5
Steam Coal	4.2	4.2	4.2	4.1	4.1	4.1	4.1	4.1	4.1	4.0
Renewables	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Purchased Electricity	173.6	173.3	171.8	170.2	173.9	179.2	183.3	191.0	196.3	199.5
Total	381.8	372.0	371.3	368.8	375.8	387.4	395.4	410.8	420.4	427.0
Electrical Equipment Consumption 1/										
Liquefied Petroleum Gases	1.1	0.9	0.7	0.8	0.8	0.8	0.8	0.8	0.8	0.8
Distillate Fuel Oil	0.7	0.7	0.6	0.5	0.5	0.5	0.5	0.5	0.6	0.5
Residual Fuel Oil	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Petroleum Coke	77.1	77.6	79.8	82.0	82.8	83.9	84.9	85.5	86.7	87.8
Petroleum Subtotal	78.9	79.1	81.1	83.3	84.1	85.2	86.1	86.8	88.0	89.2
Natural Gas	53.9	52.8	55.1	55.8	55.8	56.8	57.7	58.5	59.3	60.3
Steam Coal	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Renewables	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
Purchased Electricity	52.3	53.2	54.4	54.8	54.9	55.6	56.4	57.1	58.1	58.9
Total	185.2	185.1	190.6	193.9	194.8	197.6	200.4	202.5	205.5	208.5

Value of Shipments (billion 2000 dollars)

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**Table 32. Metal Based Durables Sector Energy Consumption
(trillion Btu)**

	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013
Fabricated Metal Products	250.89	251.85	263.61	268.33	273.49	277.34	278.86	283.32	289.04	294.86
Machinery	278.15	295.90	314.06	318.11	317.06	316.94	318.88	323.17	330.99	340.41
Computers	494.78	543.94	581.82	616.19	640.83	671.66	701.70	733.72	770.57	806.02
Transportation Equipment	666.20	661.62	665.72	674.76	699.67	730.65	755.23	794.83	823.93	847.91
Electrical Equipment	106.78	108.28	112.41	116.84	118.93	121.45	123.86	125.83	128.48	131.23
Energy Consumption per Unit of Output (thousand Btu per 2000 dollar shipments)										
Fabricated Metal Products	1.48	1.44	1.41	1.39	1.37	1.35	1.34	1.33	1.31	1.30
Machinery	0.62	0.59	0.58	0.58	0.57	0.57	0.57	0.56	0.56	0.55
Computers	0.40	0.38	0.37	0.36	0.35	0.34	0.34	0.34	0.33	0.33
Transportation Equipment	0.57	0.56	0.56	0.55	0.54	0.53	0.52	0.52	0.51	0.50
Electrical Equipment	1.73	1.71	1.70	1.66	1.64	1.63	1.62	1.61	1.60	1.59
Carbon Dioxide Emissions 2/ (million metric tons)										
Fabricated Metal Products	42.2	41.8	42.2	42.1	42.1	42.3	42.4	42.6	43.0	43.4
Machinery	21.4	22.2	22.7	22.7	22.3	22.2	22.3	22.5	22.9	23.3
Computers	29.1	30.7	31.4	32.0	32.2	33.2	34.4	35.6	36.8	37.9
Transportation Equipment	44.6	44.0	43.1	42.6	43.2	44.5	45.6	47.4	48.5	49.2
Electrical Equipment	16.9	17.0	17.2	17.4	17.4	17.6	17.9	18.1	18.4	18.6
Fabricated Metal Products, Machinery, Computers, Transportation Equipment, and Electrical Equipment:										
Combined Heat and Power 3/ Generating Capacity (gigawatts)										
Petroleum	0.11	0.11	0.11	0.11	0.11	0.11	0.11	0.11	0.11	0.11
Natural Gas	0.08	0.07	0.09	0.10	0.12	0.14	0.16	0.18	0.20	0.22
Coal	0.22	0.22	0.22	0.22	0.22	0.22	0.22	0.22	0.22	0.22
Other 4/	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

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**Table 32. Metal Based Durables Sector Energy Consumption
(trillion Btu)**

	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013
Total	0.41	0.41	0.42	0.43	0.45	0.47	0.49	0.51	0.53	0.56
Net Generation (billion kilowatthours)										
Petroleum	0.14	0.15	0.15	0.15	0.15	0.15	0.15	0.15	0.15	0.15
Natural Gas	0.20	0.21	0.30	0.40	0.52	0.67	0.84	1.00	1.15	1.32
Coal	0.72	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75
Other 4/	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04
Total	1.10	1.16	1.24	1.34	1.46	1.62	1.78	1.94	2.09	2.26
Disposition										
Sales to the Grid	0.02	0.02	0.03	0.05	0.07	0.09	0.12	0.15	0.17	0.20
Generation for Own Use	1.08	1.14	1.21	1.30	1.39	1.52	1.66	1.80	1.92	2.07

1/ Fuel consumption includes consumption for combined heat and power.

2/ Includes emissions attributable to the fuels consumed to generate the purchased electricity.

3/ Includes industrial-owned generators not classified as combined heat and power, such as standby generators.

4/ Includes wood and other biomass, waste heat, municipal solid waste, and renewable sources.

Btu = British thermal unit.

N/A = Not applicable.

Note: Totals may not equal sum of components due to independent rounding. Data for 2005 are model results and may differ slightly from official EIA data reports.

Source: 2004 and 2005 nonutility and CHP summer capacity, net generation, fuel use, and thermal output: Energy Information Administration (EIA), Form EIA-860: Generator Report," 2002 (preliminary). Other 2004 and 2005 data based on: EIA, Manufacturing Energy Consumption Survey, 1998. Projections: EIA, AEO2007 National Modeling System run aeo2007.d112106a.

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**Table 32. Metal Based Durables Sector Er
(trillion Btu)**

	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023
Fabricated Metal Product Consumption 1/										
Liquefied Petroleum Gases	2.1	2.1	2.1	2.2	2.2	2.2	2.2	2.2	2.2	2.2
Distillate Fuel Oil	2.5	2.4	2.4	2.5	2.4	2.3	2.3	2.2	2.2	2.3
Residual Fuel Oil	1.4	1.4	1.4	1.4	1.3	1.3	1.2	1.2	1.2	1.2
Petroleum Coke	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Petroleum Subtotal	6.0	5.9	5.9	6.0	5.9	5.7	5.7	5.6	5.6	5.7
Natural Gas	199.7	201.1	201.4	200.1	199.2	198.7	198.6	199.7	200.2	200.4
Metallurgical Coal	3.1	3.0	3.0	2.9	2.8	2.8	2.7	2.7	2.7	2.7
Steam Coal	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
Renewables	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Purchased Electricity	176.4	178.6	180.2	181.0	180.8	181.4	182.3	183.1	184.2	185.4
Total	385.4	388.8	390.7	390.1	388.9	388.8	389.5	391.3	392.8	394.4
Machinery Consumption 1/										
Liquefied Petroleum Gases	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
Distillate Fuel Oil	0.7	0.6	0.6	0.7	0.7	0.6	0.6	0.6	0.6	0.6
Residual Fuel Oil	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Petroleum Coke	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Petroleum Subtotal	1.6	1.6	1.6	1.7	1.7	1.6	1.7	1.7	1.7	1.7
Natural Gas	84.5	85.8	86.5	86.5	86.9	87.4	87.8	88.8	89.3	89.7
Steam Coal	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5
Renewables	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Purchased Electricity	102.8	104.9	106.8	108.1	108.8	110.1	111.5	112.9	114.4	115.9
Total	191.5	194.8	197.5	198.8	199.9	201.6	203.5	206.0	207.9	209.8
Computers Consumption 1/										
Liquefied Petroleum Gases	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.6	0.6
Distillate Fuel Oil	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.4	0.4	0.5
Residual Fuel Oil	0.2	0.2	0.2	0.2	0.2	0.2	0.3	0.3	0.3	0.4
Petroleum Coke	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Petroleum Subtotal	1.0	1.0	1.0	1.0	1.0	1.1	1.2	1.2	1.3	1.4

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**Table 32. Metal Based Durables Sector Er
(trillion Btu)**

	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023
Natural Gas	70.2	72.7	75.2	76.7	79.5	83.0	86.4	90.3	94.2	97.8
Steam Coal	16.6	16.6	16.6	16.6	16.6	16.6	16.6	16.6	16.6	16.6
Renewables	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Purchased Electricity	182.6	188.6	195.0	199.1	204.0	209.9	216.3	222.7	229.7	236.7
Total	270.3	278.8	287.8	293.4	301.1	310.7	320.5	330.9	341.8	352.5
Transportation Equipment Consumption 1/										
Liquefied Petroleum Gases	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.6	1.6
Distillate Fuel Oil	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.7
Residual Fuel Oil	7.8	7.5	7.6	7.6	7.4	7.2	7.2	7.0	7.1	7.3
Petroleum Coke	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Petroleum Subtotal	10.9	10.6	10.7	10.8	10.6	10.3	10.4	10.2	10.3	10.6
Natural Gas	213.6	215.8	216.2	215.2	217.1	219.7	221.6	225.3	228.9	230.0
Steam Coal	4.0	4.0	3.9	3.9	3.9	3.9	3.8	3.8	3.8	3.8
Renewables	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Purchased Electricity	201.4	203.1	204.1	203.9	204.8	206.8	208.4	210.2	213.4	214.1
Total	430.0	433.4	434.9	433.8	436.3	440.7	444.3	449.5	456.4	458.5
Electrical Equipment Consumption 1/										
Liquefied Petroleum Gases	0.8	0.8	0.8	0.8	0.8	0.8	0.9	0.9	0.9	0.9
Distillate Fuel Oil	0.6	0.6	0.6	0.6	0.6	0.5	0.6	0.6	0.6	0.6
Residual Fuel Oil	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Petroleum Coke	89.0	90.2	91.5	92.9	94.3	95.8	97.3	98.6	100.0	101.4
Petroleum Subtotal	90.3	91.6	92.9	94.3	95.7	97.2	98.7	100.1	101.4	102.9
Natural Gas	61.0	61.8	62.7	63.2	64.1	65.1	65.8	66.7	67.4	68.1
Steam Coal	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Renewables	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
Purchased Electricity	59.8	60.6	61.4	62.1	62.8	63.6	64.4	65.0	65.7	66.4
Total	211.1	214.0	217.0	219.6	222.7	225.9	228.9	231.8	234.7	237.5

Value of Shipments (billion 2000 dollars)

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**Table 32. Metal Based Durables Sector Energy
(trillion Btu)**

	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023
Fabricated Metal Products	300.94	307.44	313.07	317.56	321.02	325.74	331.15	336.56	342.30	348.43
Machinery	350.22	360.63	370.76	379.09	385.35	393.09	402.11	411.58	420.96	431.06
Computers	841.39	882.69	926.19	961.08	999.99	1041.58	1088.69	1136.40	1187.00	1238.63
Transportation Equipment	865.35	882.92	899.56	911.14	928.77	950.15	969.83	990.70	1017.33	1030.23
Electrical Equipment	133.78	136.49	139.27	142.26	145.50	148.81	152.22	155.64	159.23	162.98
Energy Consumption per Unit of Output (thousand Btu per 2000 dollar shipments)										
Fabricated Metal Products	1.28	1.26	1.25	1.23	1.21	1.19	1.18	1.16	1.15	1.13
Machinery	0.55	0.54	0.53	0.52	0.52	0.51	0.51	0.50	0.49	0.49
Computers	0.32	0.32	0.31	0.31	0.30	0.30	0.29	0.29	0.29	0.28
Transportation Equipment	0.50	0.49	0.48	0.48	0.47	0.46	0.46	0.45	0.45	0.45
Electrical Equipment	1.58	1.57	1.56	1.54	1.53	1.52	1.50	1.49	1.47	1.46
Carbon Dioxide Emissions 2/ (million metric tons)										
Fabricated Metal Products	43.9	44.3	44.5	44.5	44.3	44.3	44.6	44.9	45.3	45.7
Machinery	23.8	24.2	24.6	24.8	24.9	25.1	25.4	25.8	26.2	26.6
Computers	39.1	40.2	41.5	42.3	43.2	44.4	45.8	47.4	49.1	50.8
Transportation Equipment	49.8	50.0	50.2	50.0	50.1	50.5	51.0	51.7	52.6	53.1
Electrical Equipment	18.9	19.1	19.4	19.6	19.8	20.1	20.3	20.6	20.9	21.2
Fabricated Metal Products, Machinery, Computers, Transportation Equipment, and Electrical Equipment:										
Combined Heat and Power 3/ Generating Capacity (gigawatts)										
Petroleum	0.11	0.11	0.11	0.11	0.11	0.11	0.11	0.11	0.11	0.11
Natural Gas	0.25	0.27	0.30	0.32	0.35	0.39	0.42	0.46	0.49	0.53
Coal	0.22	0.22	0.22	0.22	0.22	0.22	0.22	0.22	0.22	0.22
Other 4/	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

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**Table 32. Metal Based Durables Sector Er
(trillion Btu)**

	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023
Total	0.58	0.60	0.63	0.66	0.69	0.72	0.75	0.79	0.83	0.86
Net Generation (billion kilowatthours)										
Petroleum	0.15	0.15	0.15	0.15	0.15	0.15	0.15	0.15	0.15	0.15
Natural Gas	1.49	1.67	1.86	2.06	2.29	2.54	2.79	3.06	3.33	3.60
Coal	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75
Other 4/	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04
Total	2.43	2.61	2.81	3.00	3.23	3.48	3.73	4.01	4.27	4.54
Disposition										
Sales to the Grid	0.22	0.25	0.28	0.31	0.34	0.38	0.42	0.46	0.50	0.54
Generation for Own Use	2.21	2.36	2.53	2.69	2.89	3.10	3.31	3.55	3.77	4.00

1/ Fuel consumption includes consumption

2/ Includes emissions attributable to the fue

3/ Includes industrial-owned generators not

4/ Includes wood and other biomass, waste

Btu = British thermal unit.

N/A = Not applicable.

Note: Totals may not equal sum of compor

Source: 2004 and 2005 nonutility and CHF"Annual Electric Generator Report," 2002 (preliminary). Othernal Energy Modeling System run aeo2007.d112106a.

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**Table 32. Metal Based Durables Sector Er
(trillion Btu)**

	2024	2025	2026	2027	2028	2029	2030	2005- 2030
Fabricated Metal Product Consumption 1/								
Liquefied Petroleum Gases	2.2	2.2	2.2	2.2	2.2	2.2	2.2	0.5%
Distillate Fuel Oil	2.3	2.2	2.2	2.2	2.2	2.2	2.2	-1.7%
Residual Fuel Oil	1.2	1.2	1.2	1.2	1.2	1.2	1.2	-3.0%
Petroleum Coke	0.0	0.0	0.0	0.0	0.0	0.0	0.0	N/A
Petroleum Subtotal	5.7	5.7	5.6	5.6	5.6	5.7	5.7	-1.4%
Natural Gas	200.9	202.0	203.2	204.3	205.1	205.6	206.7	0.3%
Metallurgical Coal	2.7	2.7	2.7	2.7	2.6	2.6	2.6	-1.4%
Steam Coal	0.2	0.2	0.2	0.2	0.2	0.2	0.2	-0.5%
Renewables	0.0	0.0	0.0	0.0	0.0	0.0	0.0	N/A
Purchased Electricity	186.3	187.8	189.6	191.5	193.0	194.2	195.7	0.8%
Total	395.7	398.3	401.3	404.3	406.6	408.3	410.8	0.5%
Machinery Consumption 1/								
Liquefied Petroleum Gases	1.1	1.1	1.1	1.1	1.1	1.1	1.1	-0.6%
Distillate Fuel Oil	0.6	0.6	0.6	0.6	0.6	0.6	0.6	-1.0%
Residual Fuel Oil	0.0	0.0	0.0	0.0	0.0	0.0	0.0	N/A
Petroleum Coke	0.0	0.0	0.0	0.0	0.0	0.0	0.0	N/A
Petroleum Subtotal	1.7	1.7	1.7	1.7	1.7	1.7	1.7	-0.7%
Natural Gas	90.1	91.0	91.9	92.7	93.2	93.8	94.6	0.8%
Steam Coal	2.5	2.5	2.5	2.5	2.5	2.5	2.5	N/A
Renewables	0.0	0.0	0.0	0.0	0.0	0.0	0.0	N/A
Purchased Electricity	117.3	119.1	121.2	123.2	125.0	126.7	128.6	1.3%
Total	211.7	214.3	217.4	220.1	222.4	224.7	227.4	1.0%
Computers Consumption 1/								
Liquefied Petroleum Gases	0.6	0.6	0.6	0.6	0.6	0.6	0.6	-0.5%
Distillate Fuel Oil	0.5	0.6	0.6	0.6	0.7	0.7	0.8	4.6%
Residual Fuel Oil	0.4	0.5	0.5	0.6	0.6	0.7	0.7	5.3%
Petroleum Coke	0.0	0.0	0.0	0.0	0.0	0.0	0.0	N/A
Petroleum Subtotal	1.5	1.6	1.7	1.8	1.9	2.0	2.1	2.4%

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**Table 32. Metal Based Durables Sector Er
(trillion Btu)**

	2024	2025	2026	2027	2028	2029	2030	2005-2030
Natural Gas	101.5	106.1	110.9	115.3	119.6	123.8	128.8	3.6%
Steam Coal	16.6	16.6	16.6	16.6	16.6	16.6	16.6	N/A
Renewables	0.0	0.0	0.0	0.0	0.0	0.0	0.0	N/A
Purchased Electricity	243.6	251.7	260.2	268.6	277.0	285.2	294.6	3.1%
Total	363.2	376.0	389.5	402.3	415.1	427.5	442.0	3.0%
Transportation Equipment Consumption 1/								
Liquefied Petroleum Gases	1.6	1.6	1.6	1.7	1.7	1.7	1.7	-0.7%
Distillate Fuel Oil	1.7	1.7	1.7	1.7	1.7	1.7	1.7	-0.3%
Residual Fuel Oil	7.3	7.5	7.4	7.5	7.7	7.8	7.8	-1.4%
Petroleum Coke	0.0	0.0	0.0	0.0	0.0	0.0	0.0	N/A
Petroleum Subtotal	10.6	10.8	10.7	10.9	11.1	11.3	11.2	-1.1%
Natural Gas	232.1	236.1	240.0	243.4	246.0	247.7	250.1	1.3%
Steam Coal	3.8	3.8	3.8	3.8	3.7	3.7	3.7	-0.5%
Renewables	0.0	0.0	0.0	0.0	0.0	0.0	0.0	N/A
Purchased Electricity	215.2	218.4	221.2	224.1	226.4	227.2	228.5	1.1%
Total	461.7	469.1	475.7	482.1	487.2	489.8	493.5	1.1%
Electrical Equipment Consumption 1/								
Liquefied Petroleum Gases	0.9	0.9	0.9	0.9	0.9	0.9	1.0	0.4%
Distillate Fuel Oil	0.7	0.7	0.7	0.7	0.7	0.8	0.8	0.7%
Residual Fuel Oil	0.0	0.0	0.0	0.0	0.0	0.0	0.0	N/A
Petroleum Coke	102.8	104.3	105.9	107.4	108.9	110.5	112.0	1.5%
Petroleum Subtotal	104.3	105.9	107.5	109.0	110.6	112.2	113.8	1.5%
Natural Gas	68.9	69.7	70.5	71.1	71.7	72.4	73.1	1.3%
Steam Coal	0.0	0.0	0.0	0.0	0.0	0.0	0.0	N/A
Renewables	0.1	0.1	0.1	0.1	0.1	0.1	0.1	N/A
Purchased Electricity	67.0	67.6	68.2	68.7	69.3	69.8	70.2	1.1%
Total	240.2	243.2	246.3	248.9	251.6	254.4	257.2	1.3%

Value of Shipments (billion 2000 dollars)

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**Table 32. Metal Based Durables Sector Energy Consumption
(trillion Btu)**

	2024	2025	2026	2027	2028	2029	2030	2005-2030
Fabricated Metal Products	354.39	360.98	368.10	375.35	381.76	387.64	393.93	1.8%
Machinery	441.37	452.61	465.11	477.54	488.97	500.58	512.47	2.2%
Computers	1291.49	1349.66	1410.76	1471.35	1533.58	1595.88	1664.85	4.6%
Transportation Equipment	1047.05	1074.60	1100.57	1127.11	1150.77	1167.16	1185.50	2.4%
Electrical Equipment	166.71	170.43	174.31	178.09	182.13	186.32	190.58	2.3%
Energy Consumption per Unit of Output (thousand Btu per 2000 dollar shipments)								
Fabricated Metal Products	1.12	1.10	1.09	1.08	1.06	1.05	1.04	-1.3%
Machinery	0.48	0.47	0.47	0.46	0.45	0.45	0.44	-1.2%
Computers	0.28	0.28	0.28	0.27	0.27	0.27	0.27	-1.5%
Transportation Equipment	0.44	0.44	0.43	0.43	0.42	0.42	0.42	-1.2%
Electrical Equipment	1.44	1.43	1.41	1.40	1.38	1.37	1.35	-0.9%
Carbon Dioxide Emissions 2/ (million metric tons)								
Fabricated Metal Products	45.9	46.3	46.8	47.3	47.7	48.1	48.6	0.6%
Machinery	26.9	27.4	27.8	28.3	28.7	29.2	29.7	1.2%
Computers	52.4	54.2	56.2	58.1	60.0	61.9	64.3	3.0%
Transportation Equipment	53.5	54.3	55.2	56.0	56.7	57.1	57.6	1.1%
Electrical Equipment	21.5	21.7	22.0	22.2	22.5	22.7	23.0	1.2%
Fabricated Metal Products, Machinery, Computers, Transportation Equipment, and Electrical Equipment:								
Combined Heat and Power 3/ Generating Capacity (gigawatts)								
Petroleum	0.11	0.11	0.11	0.11	0.11	0.11	0.11	N/A
Natural Gas	0.57	0.60	0.64	0.68	0.72	0.76	0.80	10.0%
Coal	0.22	0.22	0.22	0.22	0.22	0.22	0.22	N/A
Other 4/	0.00	0.00	0.00	0.00	0.00	0.00	0.00	N/A

**U.S. Department of Energy
Energy Information Administration
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**Table 32. Metal Based Durables Sector Er
(trillion Btu)**

	2024	2025	2026	2027	2028	2029	2030	2005- 2030
Total	0.90	0.94	0.98	1.02	1.05	1.09	1.13	4.2%
Net Generation (billion kilowatthours)								
Petroleum	0.15	0.15	0.15	0.15	0.15	0.15	0.15	N/A
Natural Gas	3.87	4.16	4.45	4.73	5.01	5.29	5.58	13.9%
Coal	0.75	0.75	0.75	0.75	0.75	0.75	0.75	N/A
Other 4/	0.04	0.04	0.04	0.04	0.04	0.04	0.04	N/A
Total	4.81	5.10	5.39	5.67	5.95	6.24	6.53	7.2%
Disposition								
Sales to the Grid	0.58	0.62	0.66	0.70	0.74	0.78	0.82	17.1%
Generation for Own Use	4.23	4.48	4.72	4.97	5.21	5.45	5.70	6.7%

1/ Fuel consumption includes consumption
2/ Includes emissions attributable to the fue
3/ Includes industrial-owned generators not
4/ Includes wood and other biomass, waste
Btu = British thermal unit.
N/A = Not applicable.

Note: Totals may not equal sum of compor
Source: 2004 and 2005 nonutility and CHF
Generator Report," 2002 (preliminary). Other
Modeling System run aeo2007.d112106a.

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Case No. 2014-00166

BREC End-Use and Energy Efficiency Survey (December 2007)

Table 1: Gender

All JPE respondents

	Total	Income					Overall Satisfaction		Age of home						Primary heating source			
		< \$15K	\$15K-\$25K	\$25K-\$40K	\$40-\$75K	> \$75K	Less than satis.	Satis.	<5 yrs	5-10	11-20	21-30	31-50	50+ yrs	Elec. furn.	HP/ geoth.	NG furn.	Prop. furn.
Unweighted Base	300	19	27	54	74	69	76	224	18	41	56	64	76	45	36	42	91	63
Base	300	19	27	54	74	69	76	224	18	41	56	64	76	45	36	42	91	63
Male	141	6	13	26	39	37	40	101	8	20	25	34	38	16	13	14	46	31
	47.0%	31.6%	48.1%	48.1%	52.7%	53.6%	52.6%	45.1%	44.4%	48.8%	44.6%	53.1%	50.0%	35.6%	36.1%	33.3%	50.5%	49.2%
Female	159	13	14	28	35	32	36	123	10	21	31	30	38	29	23	28	45	32
	53.0%	68.4%	51.9%	51.9%	47.3%	46.4%	47.4%	54.9%	55.6%	51.2%	55.4%	46.9%	50.0%	64.4%	63.9%	66.7%	49.5%	50.8%
Chi Square				3.26			1.30				3.83					5.04		
				.515			.255				.574					.169		

BREC End-Use and Energy Efficiency Survey (December 2007)

Table 2: First, for verification, who provides your residential electric service?

All JPE respondents

	Gender		Financial burden of the electric bill			Number of people in the home					Length of time served by co-op					
	Total	Male	Female	Not too much	Some	Quite a bit	1	2	3	4	5+	<5 yrs.	5-10	11-15	16-25	>25 yrs.
Unweighted Base	300	141	159	156	108	34	41	162	45	35	15	23	38	36	62	141
Base	300	141	159	156	108	34	41	162	45	35	15	23	38	36	62	141
Jackson Purchase Energy	300	141	159	156	108	34	41	162	45	35	15	23	38	36	62	141
	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%
Chi Square		0.00		0.00				0.00					0.00			
		.999		.999				.999					.999			
	Age					Type of home				Education						
	Total	18-34	35-44	45-54	55-64	65+	Single-story	Multi-story	Mobile	Other	<HS grad	HS grad	Some college	College grad	Post college	
Unweighted Base	300	18	33	71	81	92	184	77	26	13	21	125	80	37	35	
Base	300	18	33	71	81	92	184	77	26	13	21	125	80	37	35	
Jackson Purchase Energy	300	18	33	71	81	92	184	77	26	13	21	125	80	37	35	
	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	
Chi Square				0.00				0.00				0.00				
				.999				.999				.999				

(continued)

BREC End-Use and Energy Efficiency Survey (December 2007)

Table 2: First, for verification, who provides your residential electric service?

All JPE respondents

	Total	Income					Overall Satisfaction		Age of home						Primary heating source			
		< \$15K	\$15K- \$25K	\$25K- \$40K	\$40- \$75K	> \$75K	Less than satis.	Satis.	<5 yrs	5-10	11-20	21-30	31-50	50+ yrs	Elec. furn.	HP/ geoth.	NG furn.	Prop. furn.
Unweighted Base	300	19	27	54	74	69	76	224	18	41	56	64	76	45	36	42	91	63
Base	300	19	27	54	74	69	76	224	18	41	56	64	76	45	36	42	91	63
Jackson Purchase Energy	300	19	27	54	74	69	76	224	18	41	56	64	76	45	36	42	91	63
	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%
Chi Square			0.00				0.00				0.00					0.00		
			.999				.999				.999					.999		

BREC End-Use and Energy Efficiency Survey (December 2007)

Table 3: How long have you been served by that utility?

All JPE respondents

	Gender		Financial burden of the electric bill			Number of people in the home					Length of time served by co-op					
	Total	Male	Female	Not too much	Some	Quite a bit	1	2	3	4	5+	<5 yrs.	5-10	11-15	16-25	>25 yrs.
Unweighted Base	300	141	159	156	108	34	41	162	45	35	15	23	38	36	62	141
Base	300	141	159	156	108	34	41	162	45	35	15	23	38	36	62	141
Less than 5 years	23 7.7%	13 9.2%	10 6.3%	13 8.3%	10 9.3%	0 0.0%	3 7.3%	13 8.0%	3 6.7%	2 5.7%	2 13.3%	23 100.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%
5-10 years	38 12.7%	24 17.0%	14 8.8%	25 16.0%	12 11.1%	1 2.9%	4 9.8%	14 8.6%	8 17.8%	10 28.6%	2 13.3%	0 0.0%	38 100.0%	0 0.0%	0 0.0%	0 0.0%
11-15 years	36 12.0%	15 10.6%	21 13.2%	19 12.2%	15 13.9%	2 5.9%	4 9.8%	15 9.3%	8 17.8%	7 20.0%	2 13.3%	0 0.0%	0 0.0%	36 100.0%	0 0.0%	0 0.0%
16-25 years	62 20.7%	27 19.1%	35 22.0%	36 23.1%	18 16.7%	8 23.5%	5 12.2%	30 18.5%	10 22.2%	11 31.4%	6 40.0%	0 0.0%	0 0.0%	0 0.0%	62 100.0%	0 0.0%
More than 25 years	141 47.0%	62 44.0%	79 49.7%	63 40.4%	53 49.1%	23 67.6%	25 61.0%	90 55.6%	16 35.6%	5 14.3%	3 20.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	141 100.0%
Chi Square		6.05 .196		14.57 .068			37.74 .002					1000+ .001				

(continued)

BREC End-Use and Energy Efficiency Survey (December 2007)

Table 3: How long have you been served by that utility?

All JPE respondents

	Total	Age					Type of home				Education				
		18-34	35-44	45-54	55-64	65+	Single-story	Multi-story	Mobile	Other	<HS grad	HS grad	Some college	College grad	Post college
Unweighted Base	300	18	33	71	81	92	184	77	26	13	21	125	80	37	35
Base	300	18	33	71	81	92	184	77	26	13	21	125	80	37	35
Less than 5 years	23 7.7%	4 22.2%	4 12.1%	5 7.0%	6 7.4%	4 4.3%	11 6.0%	6 7.8%	4 15.4%	2 15.4%	0 0.0%	8 6.4%	6 7.5%	4 10.8%	5 14.3%
5-10 years	38 12.7%	10 55.6%	6 18.2%	7 9.9%	8 9.9%	7 7.6%	21 11.4%	8 10.4%	7 26.9%	2 15.4%	0 0.0%	12 9.6%	10 12.5%	10 27.0%	6 17.1%
11-15 years	36 12.0%	1 5.6%	7 21.2%	10 14.1%	13 16.0%	5 5.4%	20 10.9%	10 13.0%	5 19.2%	1 7.7%	1 4.8%	15 12.0%	10 12.5%	6 16.2%	4 11.4%
16-25 years	62 20.7%	3 16.7%	10 30.3%	26 36.6%	11 13.6%	12 13.0%	36 19.6%	20 26.0%	3 11.5%	3 23.1%	3 14.3%	27 21.6%	17 21.3%	9 24.3%	6 17.1%
More than 25 years	141 47.0%	0 0.0%	6 18.2%	23 32.4%	43 53.1%	64 69.6%	96 52.2%	33 42.9%	7 26.9%	5 38.5%	17 81.0%	63 50.4%	37 46.3%	8 21.6%	14 40.0%
Chi Square				87.05 .001				16.10 .187				27.80 .033			

(continued)

BREC End-Use and Energy Efficiency Survey (December 2007)

Table 3: How long have you been served by that utility?

All JPE respondents

	Income					Overall Satisfaction		Age of home						Primary heating source				
	Total	< \$15K	\$15K-\$25K	\$25K-\$40K	\$40-\$75K	> \$75K	Less than satis.	Satis.	<5 yrs	5-10	11-20	21-30	31-50	50+ yrs	Elec. furn.	HP/ geoth.	NG furn.	Prop. furn.
Unweighted Base	300	19	27	54	74	69	76	224	18	41	56	64	76	45	36	42	91	63
Base	300	19	27	54	74	69	76	224	18	41	56	64	76	45	36	42	91	63
Less than 5 years	23 7.7%	0 0.0%	2 7.4%	4 7.4%	7 9.5%	8 11.6%	7 9.2%	16 7.1%	6 33.3%	7 17.1%	3 5.4%	4 6.3%	2 2.6%	1 2.2%	4 11.1%	2 4.8%	7 7.7%	3 4.8%
5-10 years	38 12.7%	2 10.5%	2 7.4%	3 5.6%	13 17.6%	15 21.7%	17 22.4%	21 9.4%	2 11.1%	15 36.6%	4 7.1%	7 10.9%	8 10.5%	2 4.4%	9 25.0%	1 2.4%	13 14.3%	10 15.9%
11-15 years	36 12.0%	1 5.3%	3 11.1%	7 13.0%	9 12.2%	10 14.5%	13 17.1%	23 10.3%	1 5.6%	4 9.8%	15 26.8%	7 10.9%	6 7.9%	3 6.7%	5 13.9%	6 14.3%	16 17.6%	5 7.9%
16-25 years	62 20.7%	4 21.1%	3 11.1%	10 18.5%	17 23.0%	21 30.4%	15 19.7%	47 21.0%	3 16.7%	8 19.5%	15 26.8%	15 23.4%	14 18.4%	7 15.6%	8 22.2%	11 26.2%	19 20.9%	14 22.2%
More than 25 years	141 47.0%	12 63.2%	17 63.0%	30 55.6%	28 37.8%	15 21.7%	24 31.6%	117 52.2%	6 33.3%	7 17.1%	19 33.9%	31 48.4%	46 60.5%	32 71.1%	10 27.8%	22 52.4%	36 39.6%	31 49.2%
Chi Square				28.90 .025			15.28 .004				82.22 .001					15.43 .219		

BREC End-Use and Energy Efficiency Survey (December 2007)

Table 4: On a scale of 1-10, with 10 being "very satisfied" and 1 being "not satisfied at all," how satisfied are you with the service provided by your electric utility?

All JPE respondents

	Gender		Financial burden of the electric bill			Number of people in the home					Length of time served by co-op					
	Total	Male	Female	Not too much	Some	Quite a bit	1	2	3	4	5+	<5 yrs.	5-10	11-15	16-25	>25 yrs.
Unweighted Base	300	141	159	156	108	34	41	162	45	35	15	23	38	36	62	141
Base	300	141	159	156	108	34	41	162	45	35	15	23	38	36	62	141
Less than satisfied	76	40	36	41	29	6	7	41	12	11	5	7	17	13	15	24
	25.3%	28.4%	22.6%	26.3%	26.9%	17.6%	17.1%	25.3%	26.7%	31.4%	33.3%	30.4%	44.7%	36.1%	24.2%	17.0%
1—not satisfied at all	1	0	1	0	1	0	0	1	0	0	0	0	1	0	0	0
	0.3%	0.0%	0.6%	0.0%	0.9%	0.0%	0.0%	0.6%	0.0%	0.0%	0.0%	0.0%	2.6%	0.0%	0.0%	0.0%
4	1	0	1	1	0	0	0	1	0	0	0	0	0	0	1	0
	0.3%	0.0%	0.6%	0.6%	0.0%	0.0%	0.0%	0.6%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	1.6%	0.0%
5	4	2	2	2	1	1	0	2	2	0	0	1	2	0	0	1
	1.3%	1.4%	1.3%	1.3%	0.9%	2.9%	0.0%	1.2%	4.4%	0.0%	0.0%	4.3%	5.3%	0.0%	0.0%	0.7%
6	6	5	1	3	2	1	0	3	1	1	1	0	2	2	0	2
	2.0%	3.5%	0.6%	1.9%	1.9%	2.9%	0.0%	1.9%	2.2%	2.9%	6.7%	0.0%	5.3%	5.6%	0.0%	1.4%
7	22	13	9	15	6	1	1	12	5	2	2	2	5	1	6	8
	7.3%	9.2%	5.7%	9.6%	5.6%	2.9%	2.4%	7.4%	11.1%	5.7%	13.3%	8.7%	13.2%	2.8%	9.7%	5.7%
8	42	20	22	20	19	3	6	22	4	8	2	4	7	10	8	13
	14.0%	14.2%	13.8%	12.8%	17.6%	8.8%	14.6%	13.6%	8.9%	22.9%	13.3%	17.4%	18.4%	27.8%	12.9%	9.2%
Satisfied	224	101	123	115	79	28	34	121	33	24	10	16	21	23	47	117
	74.7%	71.6%	77.4%	73.7%	73.1%	82.4%	82.9%	74.7%	73.3%	68.6%	66.7%	69.6%	55.3%	63.9%	75.8%	83.0%
9	71	40	31	31	30	10	10	36	13	8	4	3	7	6	17	38
	23.7%	28.4%	19.5%	19.9%	27.8%	29.4%	24.4%	22.2%	28.9%	22.9%	26.7%	13.0%	18.4%	16.7%	27.4%	27.0%

(continued)

BREC End-Use and Energy Efficiency Survey (December 2007)

Table 4: On a scale of 1-10, with 10 being "very satisfied" and 1 being "not satisfied at all," how satisfied are you with the service provided by your electric utility?

(continued)
All JPE respondents

	Total	Gender		Financial burden of the electric bill			Number of people in the home					Length of time served by co-op				
		Male	Female	Not too much	Some	Quite a bit	1	2	3	4	5+	<5 yrs.	5-10	11-15	16-25	>25 yrs.
Unweighted Base	300	141	159	156	108	34	41	162	45	35	15	23	38	36	62	141
Base	300	141	159	156	108	34	41	162	45	35	15	23	38	36	62	141
10—very satisfied	153 51.0%	61 43.3%	92 57.9%	84 53.8%	49 45.4%	18 52.9%	24 58.5%	85 52.5%	20 44.4%	16 45.7%	6 40.0%	13 56.5%	14 36.8%	17 47.2%	30 48.4%	79 56.0%
		--	++										-			
Chi Square		11.87 .105		10.99 .687				16.79 .953						42.25 .041		

(continued)

BREC End-Use and Energy Efficiency Survey (December 2007)

Table 4: On a scale of 1-10, with 10 being "very satisfied" and 1 being "not satisfied at all," how satisfied are you with the service provided by your electric utility?

All JPE respondents

	Age						Type of home				Education				
	Total	18-34	35-44	45-54	55-64	65+	Single-story	Multi-story	Mobile	Other	<HS grad	HS grad	Some college	College grad	Post college
Unweighted Base	300	18	33	71	81	92	184	77	26	13	21	125	80	37	35
Base	300	18	33	71	81	92	184	77	26	13	21	125	80	37	35
<u>Less than satisfied</u>	76	8	12	22	24	10	44	23	7	2	1	30	24	11	10
	25.3%	44.4%	36.4%	31.0%	29.6%	10.9%	23.9%	29.9%	26.9%	15.4%	4.8%	24.0%	30.0%	29.7%	28.6%
1—not satisfied at all	1	0	0	0	1	0	1	0	0	0	0	1	0	0	0
	0.3%	0.0%	0.0%	0.0%	1.2%	0.0%	0.5%	0.0%	0.0%	0.0%	0.0%	0.8%	0.0%	0.0%	0.0%
4	1	0	0	0	1	0	0	1	0	0	0	0	0	1	0
	0.3%	0.0%	0.0%	0.0%	1.2%	0.0%	0.0%	1.3%	0.0%	0.0%	0.0%	0.0%	0.0%	2.7%	0.0%
5	4	1	0	0	2	1	1	1	1	1	0	0	2	1	1
	1.3%	5.6%	0.0%	0.0%	2.5%	1.1%	0.5%	1.3%	3.8%	7.7%	0.0%	0.0%	2.5%	2.7%	2.9%
6	6	1	0	3	2	0	2	4	0	0	0	4	2	0	0
	2.0%	5.6%	0.0%	4.2%	2.5%	0.0%	1.1%	5.2%	0.0%	0.0%	0.0%	3.2%	2.5%	0.0%	0.0%
7	22	4	5	6	5	2	14	7	1	0	0	10	7	2	3
	7.3%	22.2%	15.2%	8.5%	6.2%	2.2%	7.6%	9.1%	3.8%	0.0%	0.0%	8.0%	8.8%	5.4%	8.6%
8	42	2	7	13	13	7	26	10	5	1	1	15	13	7	6
	14.0%	11.1%	21.2%	18.3%	16.0%	7.6%	14.1%	13.0%	19.2%	7.7%	4.8%	12.0%	16.3%	18.9%	17.1%
<u>Satisfied</u>	224	10	21	49	57	82	140	54	19	11	20	95	56	26	25
	74.7%	55.6%	63.6%	69.0%	70.4%	89.1%	76.1%	70.1%	73.1%	84.6%	95.2%	76.0%	70.0%	70.3%	71.4%
9	71	2	8	18	18	24	39	22	5	5	4	28	20	10	9
	23.7%	11.1%	24.2%	25.4%	22.2%	26.1%	21.2%	28.6%	19.2%	38.5%	19.0%	22.4%	25.0%	27.0%	25.7%

(continued)

BREC End-Use and Energy Efficiency Survey (December 2007)

Table 4: On a scale of 1-10, with 10 being "very satisfied" and 1 being "not satisfied at all," how satisfied are you with the service provided by your electric utility?

(continued)

All JPE respondents

	Total	Age					Type of home				Education				
		18-34	35-44	45-54	55-64	65+	Single-story	Multi-story	Mobile	Other	<HS grad	HS grad	Some college	College grad	Post college
Unweighted Base	300	18	33	71	81	92	184	77	26	13	21	125	80	37	35
Base	300	18	33	71	81	92	184	77	26	13	21	125	80	37	35
10—very satisfied	153	8	13	31	39	58	101	32	14	6	16	67	36	16	16
	51.0%	44.4%	39.4%	43.7%	48.1%	63.0%	54.9%	41.6%	53.8%	46.2%	76.2%	53.6%	45.0%	43.2%	45.7%
						+++	+	-							
Chi Square			38.05					22.37					24.58		
			.097					.378					.651		

(continued)

BREC End-Use and Energy Efficiency Survey (December 2007)

Table 4: On a scale of 1-10, with 10 being "very satisfied" and 1 being "not satisfied at all," how satisfied are you with the service provided by your electric utility?

All JPE respondents

	Income					Overall Satisfaction		Age of home					Primary heating source					
	Total	< \$15K	\$15K-\$25K	\$25K-\$40K	\$40-\$75K	> \$75K	Less than satis.	Satis.	<5 yrs	5-10	11-20	21-30	31-50	50+ yrs	Elec. furn.	HP/ geoth.	NG furn.	Prop. furn.
Unweighted Base	300	19	27	54	74	69	76	224	18	41	56	64	76	45	36	42	91	63
Base	300	19	27	54	74	69	76	224	18	41	56	64	76	45	36	42	91	63
Less than satisfied	76	4	3	10	24	24	76	0	5	8	18	16	20	9	9	10	21	19
	25.3%	21.1%	11.1%	18.5%	32.4%	34.8%	100.0%	0.0%	27.8%	19.5%	32.1%	25.0%	26.3%	20.0%	25.0%	23.8%	23.1%	30.2%
							++											
1—not satisfied at all	1	0	0	1	0	0	1	0	0	0	0	0	1	0	0	0	1	0
	0.3%	0.0%	0.0%	1.9%	0.0%	0.0%	1.3%	0.0%	0.0%	0.0%	0.0%	0.0%	1.3%	0.0%	0.0%	0.0%	1.1%	0.0%
				++			+											
4	1	0	0	0	0	1	1	0	0	0	0	1	0	0	0	0	0	0
	0.3%	0.0%	0.0%	0.0%	0.0%	1.4%	1.3%	0.0%	0.0%	0.0%	0.0%	1.6%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
							+					+						
5	4	0	0	0	1	2	4	0	0	1	1	2	0	0	2	0	1	0
	1.3%	0.0%	0.0%	0.0%	1.4%	2.9%	5.3%	0.0%	0.0%	2.4%	1.8%	3.1%	0.0%	0.0%	5.6%	0.0%	1.1%	0.0%
							+++								++			
6	6	1	0	1	0	2	6	0	0	0	2	2	0	2	0	1	1	3
	2.0%	5.3%	0.0%	1.9%	0.0%	2.9%	7.9%	0.0%	0.0%	0.0%	3.6%	3.1%	0.0%	4.4%	0.0%	2.4%	1.1%	4.8%
							+++											+
7	22	0	0	3	7	9	22	0	3	2	5	3	8	1	2	7	5	3
	7.3%	0.0%	0.0%	5.6%	9.5%	13.0%	28.9%	0.0%	16.7%	4.9%	8.9%	4.7%	10.5%	2.2%	5.6%	16.7%	5.5%	4.8%
						++	+++									++		
8	42	3	3	5	16	10	42	0	2	5	10	8	11	6	5	2	13	13
	14.0%	15.8%	11.1%	9.3%	21.6%	14.5%	55.3%	0.0%	11.1%	12.2%	17.9%	12.5%	14.5%	13.3%	13.9%	4.8%	14.3%	20.6%
					++		+++									-		+
Satisfied	224	15	24	44	50	45	0	224	13	33	38	48	56	36	27	32	70	44
	74.7%	78.9%	88.9%	81.5%	67.6%	65.2%	0.0%	100.0%	72.2%	80.5%	67.9%	75.0%	73.7%	80.0%	75.0%	76.2%	76.9%	69.8%
							--											

(continued)

BREC End-Use and Energy Efficiency Survey (December 2007)

Table 4: On a scale of 1-10, with 10 being "very satisfied" and 1 being "not satisfied at all," how satisfied are you with the service provided by your electric utility?

(continued)

All JPE respondents

	Income					Overall Satisfaction		Age of home					Primary heating source					
	Total	< \$15K	\$15K- \$25K	\$25K- \$40K	\$40- \$75K	> \$75K	Less than satis.	Satis.	<5 yrs	5-10	11-20	21-30	31-50	50+ yrs	Elec. furn.	HP/ geoth.	NG furn.	Prop. furn.
Unweighted Base	300	19	27	54	74	69	76	224	18	41	56	64	76	45	36	42	91	63
Base	300	19	27	54	74	69	76	224	18	41	56	64	76	45	36	42	91	63
9	71	5	7	12	17	15	0	71	7	8	16	14	19	7	10	12	17	12
	23.7%	26.3%	25.9%	22.2%	23.0%	21.7%	0.0%	31.7%	38.9%	19.5%	28.6%	21.9%	25.0%	15.6%	27.8%	28.6%	18.7%	19.0%
								+++										
10—very satisfied	153	10	17	32	33	30	0	153	6	25	22	34	37	29	17	20	53	32
	51.0%	52.6%	63.0%	59.3%	44.6%	43.5%	0.0%	68.3%	33.3%	61.0%	39.3%	53.1%	48.7%	64.4%	47.2%	47.6%	58.2%	50.8%
								+++			-			+				+
Chi Square			25.97				300.00				31.66				24.90			
			.575				.001				.630				.251			

BREC End-Use and Energy Efficiency Survey (December 2007)

Table 5: What type of residence do you live in? Excluding a basement, is it:

All JPE respondents

	Gender		Financial burden of the electric bill			Number of people in the home					Length of time served by co-op					
	Total	Male	Female	Not too much	Some	Quite a bit	1	2	3	4	5+	<5 yrs.	5-10	11-15	16-25	>25 yrs.
Unweighted Base	300	141	159	156	108	34	41	162	45	35	15	23	38	36	62	141
Base	300	141	159	156	108	34	41	162	45	35	15	23	38	36	62	141
A single-story home	184 61.3%	91 64.5%	93 58.5%	94 60.3%	67 62.0%	22 64.7%	27 65.9%	99 61.1%	25 55.6%	22 62.9%	9 60.0%	11 47.8%	21 55.3%	20 55.6%	36 58.1%	96 68.1%
A multi-story home	77 25.7%	32 22.7%	45 28.3%	45 28.8%	23 21.3%	9 26.5%	7 17.1%	42 25.9%	13 28.9%	9 25.7%	6 40.0%	6 26.1%	8 21.1%	10 27.8%	20 32.3%	33 23.4%
A mobile home	26 8.7%	12 8.5%	14 8.8%	12 7.7%	12 11.1%	1 2.9%	3 7.3%	16 9.9%	3 6.7%	4 11.4%	0 0.0%	4 17.4%	7 18.4%	5 13.9%	3 4.8%	7 5.0%
A modular home	8 2.7%	3 2.1%	5 3.1%	4 2.6%	3 2.8%	1 2.9%	2 4.9%	3 1.9%	3 6.7%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	1 2.8%	3 4.8%	4 2.8%
A condominium, duplex or apartment	5 1.7%	3 2.1%	2 1.3%	1 0.6%	3 2.8%	1 2.9%	2 4.9%	2 1.2%	1 2.2%	0 0.0%	0 0.0%	2 8.7%	2 5.3%	0 0.0%	0 0.0%	1 0.7%
Chi Square		2.00 .736		5.88 .660		13.87 .608						29.49 .021				

(continued)

BREC End-Use and Energy Efficiency Survey (December 2007)

Table 5: What type of residence do you live in? Excluding a basement, is it:

All JPE respondents

	Age						Type of home				Education				
	Total	18-34	35-44	45-54	55-64	65+	Single-story	Multi-story	Mobile	Other	<HS grad	HS grad	Some college	College grad	Post college
Unweighted Base	300	18	33	71	81	92	184	77	26	13	21	125	80	37	35
Base	300	18	33	71	81	92	184	77	26	13	21	125	80	37	35
A single-story home	184 61.3%	11 61.1%	19 57.6%	43 60.6%	43 53.1%	65 70.7%	184 100.0%	0 0.0%	0 0.0%	0 0.0%	16 76.2%	84 67.2%	45 56.3%	20 54.1%	18 51.4%
A multi-story home	77 25.7%	5 27.8%	12 36.4%	15 21.1%	28 34.6%	15 16.3%	0 0.0%	77 100.0%	0 0.0%	0 0.0%	1 4.8%	23 18.4%	24 30.0%	12 32.4%	16 45.7%
A mobile home	26 8.7%	1 5.6%	2 6.1%	8 11.3%	6 7.4%	9 9.8%	0 0.0%	0 0.0%	26 100.0%	0 0.0%	4 19.0%	11 8.8%	8 10.0%	2 5.4%	1 2.9%
A modular home	8 2.7%	0 0.0%	0 0.0%	4 5.6%	2 2.5%	2 2.2%	0 0.0%	0 0.0%	0 0.0%	8 61.5%	0 0.0%	6 4.8%	2 2.5%	0 0.0%	0 0.0%
A condominium, duplex or apartment	5 1.7%	1 5.6%	0 0.0%	1 1.4%	2 2.5%	1 1.1%	0 0.0%	0 0.0%	0 0.0%	5 38.5%	0 0.0%	1 0.8%	1 1.3%	3 8.1%	0 0.0%
Chi Square				17.73 .340				900.00 .001					35.50 .003		

(continued)

BREC End-Use and Energy Efficiency Survey (December 2007)

Table 5: What type of residence do you live in? Excluding a basement, is it:

All JPE respondents

	Total	Income					Overall Satisfaction		Age of home						Primary heating source			
		< \$15K	\$15K- \$25K	\$25K- \$40K	\$40- \$75K	> \$75K	Less than satis.	Satis.	<5 yrs	5-10	11-20	21-30	31-50	50+ yrs	Elec. furn.	HP/ geoth.	NG furn.	Prop. furn.
Unweighted Base	300	19	27	54	74	69	76	224	18	41	56	64	76	45	36	42	91	63
Base	300	19	27	54	74	69	76	224	18	41	56	64	76	45	36	42	91	63
A single-story home	184 61.3%	11 57.9%	23 85.2%	36 66.7%	45 60.8%	32 46.4%	44 57.9%	140 62.5%	10 55.6%	16 39.0%	25 44.6%	39 60.9%	60 78.9%	34 75.6%	10 27.8%	27 64.3%	54 59.3%	45 71.4%
A multi-story home	77 25.7%	2 10.5%	0 0.0%	12 22.2%	15 20.3%	34 49.3%	23 30.3%	54 24.1%	5 27.8%	12 29.3%	18 32.1%	18 28.1%	13 17.1%	11 24.4%	4 11.1%	14 33.3%	32 35.2%	13 20.6%
A mobile home	26 8.7%	4 21.1%	2 7.4%	5 9.3%	11 14.9%	0 0.0%	7 9.2%	19 8.5%	1 5.6%	10 24.4%	8 14.3%	4 6.3%	3 3.9%	0 0.0%	13 36.1%	1 2.4%	2 2.2%	4 6.3%
A modular home	8 2.7%	2 10.5%	0 0.0%	1 1.9%	3 4.1%	1 1.4%	1 1.3%	7 3.1%	2 11.1%	1 2.4%	4 7.1%	1 1.6%	0 0.0%	0 0.0%	6 16.7%	0 0.0%	1 1.1%	1 1.6%
A condominium, duplex or apartment	5 1.7%	0 0.0%	2 7.4%	0 0.0%	0 0.0%	2 2.9%	1 1.3%	4 1.8%	0 0.0%	2 4.9%	1 1.8%	2 3.1%	0 0.0%	0 0.0%	3 8.3%	0 0.0%	2 2.2%	0 0.0%
Chi Square				56.11 .001			1.84 .765				53.24 .001					83.59 .001		

BREC End-Use and Energy Efficiency Survey (December 2007)

Table 6: What is the main source of heat for your residence?

All JPE respondents

	Gender		Financial burden of the electric bill			Number of people in the home					Length of time served by co-op					
	Total	Male	Female	Not too much	Some	Quite a bit	1	2	3	4	5+	<5 yrs.	5-10	11-15	16-25	>25 yrs.
Unweighted Base	300	141	159	156	108	34	41	162	45	35	15	23	38	36	62	141
Base	300	141	159	156	108	34	41	162	45	35	15	23	38	36	62	141
<u>Electric</u>	98	39	59	49	35	14	14	49	19	12	3	7	12	12	23	44
	32.7%	27.7%	37.1%	31.4%	32.4%	41.2%	34.1%	30.2%	42.2%	34.3%	20.0%	30.4%	31.6%	33.3%	37.1%	31.2%
Electric furnace	36	13	23	17	15	4	8	16	10	2	0	4	9	5	8	10
	12.0%	9.2%	14.5%	10.9%	13.9%	11.8%	19.5%	9.9%	22.2%	5.7%	0.0%	17.4%	23.7%	13.9%	12.9%	7.1%
Electric ceiling cable	2	1	1	1	0	1	0	1	1	0	0	0	0	0	1	1
	0.7%	0.7%	0.6%	0.6%	0.0%	2.9%	0.0%	0.6%	2.2%	0.0%	0.0%	0.0%	0.0%	0.0%	1.6%	0.7%
Electric baseboard	14	10	4	3	8	3	1	8	2	2	0	1	1	0	2	10
	4.7%	7.1%	2.5%	1.9%	7.4%	8.8%	2.4%	4.9%	4.4%	5.7%	0.0%	4.3%	2.6%	0.0%	3.2%	7.1%
Geothermal	6	4	2	5	1	0	0	3	2	1	0	0	0	1	1	4
	2.0%	2.8%	1.3%	3.2%	0.9%	0.0%	0.0%	1.9%	4.4%	2.9%	0.0%	0.0%	0.0%	2.8%	1.6%	2.8%
Electric wall heaters	4	1	3	2	1	1	0	1	1	2	0	0	1	1	1	1
	1.3%	0.7%	1.9%	1.3%	0.9%	2.9%	0.0%	0.6%	2.2%	5.7%	0.0%	0.0%	2.6%	2.8%	1.6%	0.7%
Heat pump/dual-fuel system	36	10	26	21	10	5	5	20	3	5	3	2	1	5	10	18
	12.0%	7.1%	16.4%	13.5%	9.3%	14.7%	12.2%	12.3%	6.7%	14.3%	20.0%	8.7%	2.6%	13.9%	16.1%	12.8%
<u>Gas</u>	192	98	94	103	68	19	24	110	24	22	11	15	26	23	38	90
	64.0%	69.5%	59.1%	66.0%	63.0%	55.9%	58.5%	67.9%	53.3%	62.9%	73.3%	65.2%	68.4%	63.9%	61.3%	63.8%
Natural gas furnace	91	46	45	41	38	11	14	48	15	9	4	7	13	16	19	36
	30.3%	32.6%	28.3%	26.3%	35.2%	32.4%	34.1%	29.6%	33.3%	25.7%	26.7%	30.4%	34.2%	44.4%	30.6%	25.5%
Propane/natural gas space heaters	16	7	9	9	4	2	3	8	0	4	1	1	1	1	3	10
	5.3%	5.0%	5.7%	5.8%	3.7%	5.9%	7.3%	4.9%	0.0%	11.4%	6.7%	4.3%	2.6%	2.8%	4.8%	7.1%

(continued)

BREC End-Use and Energy Efficiency Survey (December 2007)

Table 6: What is the main source of heat for your residence?

(continued)

All JPE respondents

	Gender		Financial burden of the electric bill			Number of people in the home					Length of time served by co-op					
	Total	Male	Female	Not too much	Some	Quite a bit	1	2	3	4	5+	<5 yrs.	5-10	11-15	16-25	>25 yrs.
Unweighted Base	300	141	159	156	108	34	41	162	45	35	15	23	38	36	62	141
Base	300	141	159	156	108	34	41	162	45	35	15	23	38	36	62	141
Propane furnace	63 21.0%	31 22.0%	32 20.1%	38 24.4%	19 17.6%	6 17.6%	5 12.2%	38 23.5%	7 15.6%	8 22.9%	5 33.3%	3 13.0%	10 26.3%	5 13.9%	14 22.6%	31 22.0%
Gas pack	20 6.7%	13 9.2%	7 4.4%	15 9.6%	5 4.6%	0 0.0%	2 4.9%	15 9.3%	1 2.2%	1 2.9%	1 6.7%	4 17.4%	2 5.3%	1 2.8%	2 3.2%	11 7.8%
Propane fireplace	2 0.7%	1 0.7%	1 0.6%	0 0.0%	2 1.9%	0 0.0%	0 0.0%	1 0.6%	1 2.2%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	2 1.4%
Other	10 3.3%	4 2.8%	6 3.8%	4 2.6%	5 4.6%	1 2.9%	3 7.3%	3 1.9%	2 4.4%	1 2.9%	1 6.7%	1 4.3%	0 0.0%	1 2.8%	1 1.6%	7 5.0%
Wood, coal, or kerosene	7 2.3%	3 2.1%	4 2.5%	3 1.9%	4 3.7%	0 0.0%	3 7.3%	1 0.6%	2 4.4%	1 2.9%	0 0.0%	0 0.0%	0 0.0%	1 2.8%	0 0.0%	6 4.3%
Fuel oil	2 0.7%	1 0.7%	1 0.6%	0 0.0%	1 0.9%	1 2.9%	0 0.0%	1 0.6%	0 0.0%	0 0.0%	1 6.7%	1 4.3%	0 0.0%	0 0.0%	0 0.0%	1 0.7%
Corn burner	1 0.3%	0 0.0%	1 0.6%	1 0.6%	0 0.0%	0 0.0%	0 0.0%	1 0.6%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	1 1.6%	0 0.0%
Chi Square		16.33 .232		32.48 .178				57.12 .291					51.90 .478			

(continued)

BREC End-Use and Energy Efficiency Survey (December 2007)

Table 6: What is the main source of heat for your residence?

All JPE respondents

	Total	Age					Type of home				Education				
		18-34	35-44	45-54	55-64	65+	Single-story	Multi-story	Mobile	Other	<HS grad	HS grad	Some college	College grad	Post college
Unweighted Base	300	18	33	71	81	92	184	77	26	13	21	125	80	37	35
Base	300	18	33	71	81	92	184	77	26	13	21	125	80	37	35
Electric	98	7	9	31	19	31	52	20	17	9	3	46	30	12	6
	32.7%	38.9%	27.3%	43.7%	23.5%	33.7%	28.3%	26.0%	65.4%	69.2%	14.3%	36.8%	37.5%	32.4%	17.1%
Electric furnace	36	5	2	12	8	9	10	4	13	9	0	20	10	3	3
	12.0%	27.8%	6.1%	16.9%	9.9%	9.8%	5.4%	5.2%	50.0%	69.2%	0.0%	16.0%	12.5%	8.1%	8.6%
Electric ceiling cable	2	0	0	1	0	1	1	1	0	0	0	1	1	0	0
	0.7%	0.0%	0.0%	1.4%	0.0%	1.1%	0.5%	1.3%	0.0%	0.0%	0.0%	0.8%	1.3%	0.0%	0.0%
Electric baseboard	14	0	2	2	2	8	12	1	1	0	2	6	2	2	2
	4.7%	0.0%	6.1%	2.8%	2.5%	8.7%	6.5%	1.3%	3.8%	0.0%	9.5%	4.8%	2.5%	5.4%	5.7%
Geothermal	6	0	1	4	0	1	4	2	0	0	0	5	0	1	0
	2.0%	0.0%	3.0%	5.6%	0.0%	1.1%	2.2%	2.6%	0.0%	0.0%	0.0%	4.0%	0.0%	2.7%	0.0%
Electric wall heaters	4	0	0	1	0	3	2	0	2	0	0	0	3	1	0
	1.3%	0.0%	0.0%	1.4%	0.0%	3.3%	1.1%	0.0%	7.7%	0.0%	0.0%	0.0%	3.8%	2.7%	0.0%
Heat pump/dual-fuel system	36	2	4	11	9	9	23	12	1	0	1	14	14	5	1
	12.0%	11.1%	12.1%	15.5%	11.1%	9.8%	12.5%	15.6%	3.8%	0.0%	4.8%	11.2%	17.5%	13.5%	2.9%
Gas	192	11	22	39	59	57	128	51	9	4	17	74	47	24	29
	64.0%	61.1%	66.7%	54.9%	72.8%	62.0%	69.6%	66.2%	34.6%	30.8%	81.0%	59.2%	58.8%	64.9%	82.9%
Natural gas furnace	91	4	9	17	30	29	54	32	2	3	6	25	26	15	18
	30.3%	22.2%	27.3%	23.9%	37.0%	31.5%	29.3%	41.6%	7.7%	23.1%	28.6%	20.0%	32.5%	40.5%	51.4%
Propane/natural gas space heaters	16	2	1	4	3	6	12	1	3	0	6	4	4	1	1
	5.3%	11.1%	3.0%	5.6%	3.7%	6.5%	6.5%	1.3%	11.5%	0.0%	28.6%	3.2%	5.0%	2.7%	2.9%

(continued)

BREC End-Use and Energy Efficiency Survey (December 2007)

Table 6: What is the main source of heat for your residence?

(continued)

All JPE respondents

	Total	Age					Type of home				Education				
		18-34	35-44	45-54	55-64	65+	Single-story	Multi-story	Mobile	Other	<HS grad	HS grad	Some college	College grad	Post college
Unweighted Base	300	18	33	71	81	92	184	77	26	13	21	125	80	37	35
Base	300	18	33	71	81	92	184	77	26	13	21	125	80	37	35
Propane furnace	63 21.0%	4 22.2%	10 30.3%	12 16.9%	21 25.9%	15 16.3%	45 24.5%	13 16.9%	4 15.4%	1 7.7%	4 19.0%	34 27.2%	12 15.0%	7 18.9%	6 17.1%
Gas pack	20 6.7%	1 5.6%	2 6.1%	6 8.5%	5 6.2%	5 5.4%	15 8.2%	5 6.5%	0 0.0%	0 0.0%	1 4.8%	9 7.2%	5 6.3%	1 2.7%	4 11.4%
Propane fireplace	2 0.7%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	2 2.2%	2 1.1%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	2 1.6%	0 0.0%	0 0.0%	0 0.0%
Other	10 3.3%	0 0.0%	2 6.1%	1 1.4%	3 3.7%	4 4.3%	4 2.2%	6 7.8%	0 0.0%	0 0.0%	1 4.8%	5 4.0%	3 3.8%	1 2.7%	0 0.0%
Wood, coal, or kerosene	7 2.3%	0 0.0%	2 6.1%	1 1.4%	1 1.2%	3 3.3%	4 2.2%	3 3.9%	0 0.0%	0 0.0%	1 4.8%	3 2.4%	3 3.8%	0 0.0%	0 0.0%
Fuel oil	2 0.7%	0 0.0%	0 0.0%	0 0.0%	1 1.2%	1 1.1%	0 0.0%	2 2.6%	0 0.0%	0 0.0%	0 0.0%	2 1.6%	0 0.0%	0 0.0%	0 0.0%
Corn burner	1 0.3%	0 0.0%	0 0.0%	0 0.0%	1 1.2%	0 0.0%	0 0.0%	1 1.3%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	1 2.7%	0 0.0%
Chi Square				47.40 .655				126.30 .001					81.07 .006		

(continued)

BREC End-Use and Energy Efficiency Survey (December 2007)

Table 6: What is the main source of heat for your residence?

All JPE respondents

	Income					Overall Satisfaction		Age of home						Primary heating source				
	Total	< \$15K	\$15K-\$25K	\$25K-\$40K	\$40-\$75K	> \$75K	Less than satis.	Satis.	<5 yrs	5-10	11-20	21-30	31-50	50+ yrs	Elec. furn.	HP/ geoth.	NG furn.	Prop. furn.
Unweighted Base	300	19	27	54	74	69	76	224	18	41	56	64	76	45	36	42	91	63
Base	300	19	27	54	74	69	76	224	18	41	56	64	76	45	36	42	91	63
Electric	98	4	9	24	21	18	23	75	10	15	19	26	20	8	36	42	0	0
	32.7%	21.1%	33.3%	44.4%	28.4%	26.1%	30.3%	33.5%	55.6%	36.6%	33.9%	40.6%	26.3%	17.8%	100.0%	100.0%	0.0%	0.0%
				++										--	+++	+++		
Electric furnace	36	2	4	8	10	5	9	27	3	11	10	8	3	1	36	0	0	0
	12.0%	10.5%	14.8%	14.8%	13.5%	7.2%	11.8%	12.1%	16.7%	26.8%	17.9%	12.5%	3.9%	2.2%	100.0%	0.0%	0.0%	0.0%
										+++			--	--	+++			
Electric ceiling cable	2	0	0	0	0	1	1	1	0	0	0	2	0	0	0	0	0	0
	0.7%	0.0%	0.0%	0.0%	0.0%	1.4%	1.3%	0.4%	0.0%	0.0%	0.0%	3.1%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
												+++						
Electric baseboard	14	1	1	5	4	1	1	13	0	0	0	4	8	2	0	0	0	0
	4.7%	5.3%	3.7%	9.3%	5.4%	1.4%	1.3%	5.8%	0.0%	0.0%	0.0%	6.3%	10.5%	4.4%	0.0%	0.0%	0.0%	0.0%
				+									+++					
Geothermal	6	0	0	2	1	1	3	3	0	0	3	1	1	1	0	6	0	0
	2.0%	0.0%	0.0%	3.7%	1.4%	1.4%	3.9%	1.3%	0.0%	0.0%	5.4%	1.6%	1.3%	2.2%	0.0%	14.3%	0.0%	0.0%
											++				+++			
Electric wall heaters	4	1	0	0	1	1	2	2	1	0	1	2	0	0	0	0	0	0
	1.3%	5.3%	0.0%	0.0%	1.4%	1.4%	2.6%	0.9%	5.6%	0.0%	1.8%	3.1%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
Heat pump/dual-fuel system	36	0	4	9	5	9	7	29	6	4	5	9	8	4	0	36	0	0
	12.0%	0.0%	14.8%	16.7%	6.8%	13.0%	9.2%	12.9%	33.3%	9.8%	8.9%	14.1%	10.5%	8.9%	0.0%	85.7%	0.0%	0.0%
															+++			
Gas	192	13	17	29	48	50	48	144	8	25	36	35	54	34	0	0	91	63
	64.0%	68.4%	63.0%	53.7%	64.9%	72.5%	63.2%	64.3%	44.4%	61.0%	64.3%	54.7%	71.1%	75.6%	0.0%	0.0%	100.0%	100.0%
				-		+						-	+	+			+++	+++

(continued)

BREC End-Use and Energy Efficiency Survey (December 2007)

Table 6: What is the main source of heat for your residence?

(continued)

All JPE respondents

	Income					Overall Satisfaction		Age of home						Primary heating source				
	Total	< \$15K	\$15K-\$25K	\$25K-\$40K	\$40-\$75K	> \$75K	Less than satis.	Satis.	<5 yrs	5-10	11-20	21-30	31-50	50+ yrs	Elec. furn.	HP/ geoth.	NG furn.	Prop. furn.
Unweighted Base	300	19	27	54	74	69	76	224	18	41	56	64	76	45	36	42	91	63
Base	300	19	27	54	74	69	76	224	18	41	56	64	76	45	36	42	91	63
Natural gas furnace	91 30.3%	7 36.8%	8 29.6%	14 25.9%	16 21.6%	27 39.1%	21 27.6%	70 31.3%	4 22.2%	13 31.7%	16 28.6%	19 29.7%	23 30.3%	16 35.6%	0 0.0%	0 0.0%	91 100.0%	0 0.0%
					-	+											+++	
Propane/natural gas space heaters	16 5.3%	1 5.3%	4 14.8%	1 1.9%	6 8.1%	2 2.9%	3 3.9%	13 5.8%	0 0.0%	1 2.4%	6 10.7%	2 3.1%	2 2.6%	5 11.1%	0 0.0%	0 0.0%	0 0.0%	0 0.0%
											++			+				
Propane furnace	63 21.0%	5 26.3%	3 11.1%	12 22.2%	22 29.7%	12 17.4%	19 25.0%	44 19.6%	3 16.7%	8 19.5%	10 17.9%	8 12.5%	24 31.6%	10 22.2%	0 0.0%	0 0.0%	0 0.0%	63 100.0%
					++							-	+++					+++
Gas pack	20 6.7%	0 0.0%	1 3.7%	1 1.9%	4 5.4%	9 13.0%	5 6.6%	15 6.7%	1 5.6%	3 7.3%	3 5.4%	6 9.4%	4 5.3%	3 6.7%	0 0.0%	0 0.0%	0 0.0%	0 0.0%
						++												
Propane fireplace	2 0.7%	0 0.0%	1 3.7%	1 1.9%	0 0.0%	0 0.0%	0 0.0%	2 0.9%	0 0.0%	0 0.0%	1 1.8%	0 0.0%	1 1.3%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%
Other	10 3.3%	2 10.5%	1 3.7%	1 1.9%	5 6.8%	1 1.4%	5 6.6%	5 2.2%	0 0.0%	1 2.4%	1 1.8%	3 4.7%	2 2.6%	3 6.7%	0 0.0%	0 0.0%	0 0.0%	0 0.0%
					+		+	-										
Wood, coal, or kerosene	7 2.3%	2 10.5%	1 3.7%	1 1.9%	3 4.1%	0 0.0%	3 3.9%	4 1.8%	0 0.0%	0 0.0%	1 1.8%	1 1.6%	2 2.6%	3 6.7%	0 0.0%	0 0.0%	0 0.0%	0 0.0%
													++					
Fuel oil	2 0.7%	0 0.0%	0 0.0%	0 0.0%	2 2.7%	0 0.0%	1 1.3%	1 0.4%	0 0.0%	1 2.4%	0 0.0%	1 1.6%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%
					++													

(continued)

BREC End-Use and Energy Efficiency Survey (December 2007)

Table 6: What is the main source of heat for your residence?

(continued)

All JPE respondents

	Income					Overall Satisfaction		Age of home						Primary heating source				
	Total	< \$15K	\$15K-\$25K	\$25K-\$40K	\$40-\$75K	> \$75K	Less than satis.	Satis.	<5 yrs	5-10	11-20	21-30	31-50	50+ yrs	Elec. furn.	HP/ geoth.	NG furn.	Prop. furn.
Unweighted Base	300	19	27	54	74	69	76	224	18	41	56	64	76	45	36	42	91	63
Base	300	19	27	54	74	69	76	224	18	41	56	64	76	45	36	42	91	63
Corn burner	1 0.3%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	1 1.4% +	1 1.3% +	0 0.0%	0 0.0%	0 0.0%	0 0.0%	1 1.6% +	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%
Chi Square				61.80 .166			13.77 .391				88.24 .029						696.00 .001	

BREC End-Use and Energy Efficiency Survey (December 2007)

Table 7: What is the main source of cooling for your home?

All JPE respondents

	Total	Gender		Financial burden of the electric bill			Number of people in the home					Length of time served by co-op				
		Male	Female	Not too much	Some	Quite a bit	1	2	3	4	5+	<5 yrs.	5-10	11-15	16-25	>25 yrs.
Unweighted Base	300	141	159	156	108	34	41	162	45	35	15	23	38	36	62	141
Base	300	141	159	156	108	34	41	162	45	35	15	23	38	36	62	141
Central air unit with a separate heating system (not heat pumps, but cold air is distributed through duct work)	214 71.3%	104 73.8%	110 69.2%	113 72.4%	78 72.2%	21 61.8%	30 73.2%	119 73.5%	31 68.9%	21 60.0%	11 73.3%	20 87.0%	31 81.6%	23 63.9%	42 67.7%	98 69.5%
Heat pump (air-source, geothermal, ground coupled, and dual-fuel systems)	43 14.3%	16 11.3%	27 17.0%	28 17.9%	10 9.3%	5 14.7%	6 14.6%	24 14.8%	5 11.1%	5 14.3%	3 20.0%	2 8.7%	2 5.3%	7 19.4%	9 14.5%	23 16.3%
Window air conditioners	34 11.3%	15 10.6%	19 11.9%	12 7.7%	14 13.0%	8 23.5%	4 9.8%	13 8.0%	9 20.0%	8 22.9%	0 0.0%	1 4.3%	3 7.9%	5 13.9%	8 12.9%	17 12.1%
Gas pack	4 1.3%	2 1.4%	2 1.3%	3 1.9%	1 0.9%	0 0.0%	0 0.0%	3 1.9%	0 0.0%	0 0.0%	1 6.7%	0 0.0%	1 2.6%	0 0.0%	1 1.6%	2 1.4%
Electric fan(s)	3 1.0%	3 2.1%	0 0.0%	0 0.0%	3 2.8%	0 0.0%	1 2.4%	2 1.2%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	1 2.6%	1 2.8%	0 0.0%	1 0.7%
Not cooled/open windows	2 0.7%	1 0.7%	1 0.6%	0 0.0%	2 1.9%	0 0.0%	0 0.0%	1 0.6%	0 0.0%	1 2.9%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	2 3.2%	0 0.0%

(continued)

BREC End-Use and Energy Efficiency Survey (December 2007)

Table 7: What is the main source of cooling for your home?

All JPE respondents

	Total	Age					Type of home				Education				
		18-34	35-44	45-54	55-64	65+	Single-story	Multi-story	Mobile	Other	<HS grad	HS grad	Some college	College grad	Post college
Unweighted Base	300	18	33	71	81	92	184	77	26	13	21	125	80	37	35
Base	300	18	33	71	81	92	184	77	26	13	21	125	80	37	35
Central air unit with a separate heating system (not heat pumps, but cold air is distributed through duct work)	214 71.3%	16 88.9%	22 66.7%	44 62.0%	63 77.8%	65 70.7%	127 69.0%	56 72.7%	20 76.9%	11 84.6%	13 61.9%	89 71.2%	55 68.8%	26 70.3%	30 85.7% ++
Heat pump (air-source, geothermal, ground coupled, and dual-fuel systems)	43 14.3%	2 11.1%	5 15.2%	14 19.7%	10 12.3%	11 12.0%	27 14.7%	14 18.2%	1 3.8%	1 7.7%	1 4.8%	19 15.2%	14 17.5%	7 18.9%	1 2.9%
Window air conditioners	34 11.3%	0 0.0%	5 15.2%	10 14.1%	5 6.2%	14 15.2%	23 12.5%	5 6.5%	5 19.2%	1 7.7%	6 28.6%	14 11.2%	8 10.0%	4 10.8%	2 5.7%
Gas pack	4 1.3%	0 0.0%	1 3.0%	0 0.0%	2 2.5%	1 1.1%	2 1.1%	2 2.6%	0 0.0%	0 0.0%	1 4.8%	0 0.0%	2 2.5%	0 0.0%	1 2.9%
Electric fan(s)	3 1.0%	0 0.0%	0 0.0%	2 2.8%	1 1.2%	0 0.0%	3 1.6%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	2 1.6%	0 0.0%	0 0.0%	1 2.9%
Not cooled/open windows	2 0.7%	0 0.0%	0 0.0%	1 1.4%	0 0.0%	1 1.1%	2 1.1%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	1 0.8%	1 1.3%	0 0.0%	0 0.0%

(continued)

BREC End-Use and Energy Efficiency Survey (December 2007)

Table 7: What is the main source of cooling for your home?

All JPE respondents

	Income						Overall Satisfaction		Age of home						Primary heating source			
	Total	< \$15K	\$15K-\$25K	\$25K-\$40K	\$40-\$75K	> \$75K	Less than satis.	Satis.	<5 yrs	5-10	11-20	21-30	31-50	50+ yrs	Elec. furn.	HP/ geoth.	NG furn.	Prop. furn.
Unweighted Base	300	19	27	54	74	69	76	224	18	41	56	64	76	45	36	42	91	63
Base	300	19	27	54	74	69	76	224	18	41	56	64	76	45	36	42	91	63
Central air unit with a separate heating system (not heat pumps, but cold air is distributed through duct work)	214 71.3%	11 57.9%	15 55.6%	39 72.2%	54 73.0%	53 76.8%	54 71.1%	160 71.4%	11 61.1%	35 85.4%	44 78.6%	46 71.9%	52 68.4%	26 57.8%	33 91.7%	0 0.0%	84 92.3%	58 92.1%
Heat pump (air-source, geothermal, ground coupled, and dual-fuel systems)	43 14.3%	0 0.0%	6 22.2%	11 20.4%	4 5.4%	10 14.5%	10 13.2%	33 14.7%	6 33.3%	5 12.2%	8 14.3%	10 15.6%	9 11.8%	5 11.1%	0 0.0%	40 95.2%	2 2.2%	0 0.0%
Window air conditioners	34 11.3%	7 36.8%	4 14.8%	4 7.4%	13 17.6%	3 4.3%	9 11.8%	25 11.2%	1 5.6%	0 0.0%	3 5.4%	6 9.4%	12 15.8%	12 26.7%	3 8.3%	0 0.0%	5 5.5%	4 6.3%
Gas pack	4 1.3%	0 0.0%	1 3.7%	0 0.0%	0 0.0%	3 4.3%	1 1.3%	3 1.3%	0 0.0%	1 2.4%	0 0.0%	0 0.0%	1 1.3%	2 4.4%	0 0.0%	0 0.0%	0 0.0%	0 0.0%
Electric fan(s)	3 1.0%	1 5.3%	1 3.7%	0 0.0%	1 1.4%	0 0.0%	1 1.3%	2 0.9%	0 0.0%	0 0.0%	1 1.8%	1 1.6%	1 1.3%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	1 1.6%
Not cooled/open windows	2 0.7%	0 0.0%	0 0.0%	0 0.0%	2 2.7%	0 0.0%	1 1.3%	1 0.4%	0 0.0%	0 0.0%	0 0.0%	1 1.6%	1 1.3%	0 0.0%	0 0.0%	2 4.8%	0 0.0%	0 0.0%

BREC End-Use and Energy Efficiency Survey (December 2007)

Table 8: What fuel do you use for your water heater?

All JPE respondents

	Gender		Financial burden of the electric bill			Number of people in the home					Length of time served by co-op					
	Total	Male	Female	Not too much	Some	Quite a bit	1	2	3	4	5+	<5 yrs.	5-10	11-15	16-25	>25 yrs.
Unweighted Base	300	141	159	156	108	34	41	162	45	35	15	23	38	36	62	141
Base	300	141	159	156	108	34	41	162	45	35	15	23	38	36	62	141
Electric	187 62.3%	83 58.9%	104 65.4%	94 60.3%	71 65.7%	21 61.8%	26 63.4%	104 64.2%	29 64.4%	20 57.1%	7 46.7%	12 52.2%	22 57.9%	23 63.9%	34 54.8%	96 68.1%
Natural gas	83 27.7%	45 31.9%	38 23.9%	41 26.3%	31 28.7%	10 29.4%	12 29.3%	44 27.2%	14 31.1%	9 25.7%	3 20.0%	8 34.8%	11 28.9%	11 30.6%	21 33.9%	32 22.7%
Propane	28 9.3%	13 9.2%	15 9.4%	19 12.2%	6 5.6%	3 8.8%	3 7.3%	14 8.6%	1 2.2%	6 17.1%	4 26.7%	2 8.7%	5 13.2%	2 5.6%	6 9.7%	13 9.2%
Don't know	2 0.7%	0 0.0%	2 1.3%	2 1.3%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	1 2.2%	0 0.0%	1 6.7%	1 4.3%	0 0.0%	0 0.0%	1 1.6%	0 0.0%

(continued)

BREC End-Use and Energy Efficiency Survey (December 2007)

Table 8: What fuel do you use for your water heater?

All JPE respondents

	Age						Type of home				Education				
	Total	18-34	35-44	45-54	55-64	65+	Single-story	Multi-story	Mobile	Other	<HS grad	HS grad	Some college	College grad	Post college
Unweighted Base	300	18	33	71	81	92	184	77	26	13	21	125	80	37	35
Base	300	18	33	71	81	92	184	77	26	13	21	125	80	37	35
Electric	187 62.3%	10 55.6%	21 63.6%	51 71.8%	46 56.8%	56 60.9%	110 59.8%	42 54.5%	23 88.5%	12 92.3%	13 61.9%	92 73.6%	50 62.5%	21 56.8%	10 28.6%
Natural gas	83 27.7%	4 22.2%	7 21.2%	16 22.5%	29 35.8%	26 28.3%	51 27.7%	30 39.0%	1 3.8%	1 7.7%	6 28.6%	22 17.6%	23 28.8%	13 35.1%	18 51.4%
Propane	28 9.3%	2 11.1%	5 15.2%	4 5.6%	6 7.4%	10 10.9%	22 12.0%	4 5.2%	2 7.7%	0 0.0%	2 9.5%	11 8.8%	6 7.5%	3 8.1%	6 17.1%
Don't know	2 0.7%	2 11.1%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	1 0.5%	1 1.3%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	1 1.3%	0 0.0%	1 2.9%

(continued)

BREC End-Use and Energy Efficiency Survey (December 2007)

Table 8: What fuel do you use for your water heater?

All JPE respondents

	Income					Overall Satisfaction		Age of home						Primary heating source				
	Total	< \$15K	\$15K- \$25K	\$25K- \$40K	\$40- \$75K	> \$75K	Less than satis.	Satis.	<5 yrs	5-10	11-20	21-30	31-50	50+ yrs	Elec. furn.	HP/ geoth.	NG furn.	Prop. furn.
Unweighted Base	300	19	27	54	74	69	76	224	18	41	56	64	76	45	36	42	91	63
Base	300	19	27	54	74	69	76	224	18	41	56	64	76	45	36	42	91	63
Electric	187 62.3%	12 63.2%	15 55.6%	37 68.5%	48 64.9%	39 56.5%	43 56.6%	144 64.3%	11 61.1%	26 63.4%	37 66.1%	50 78.1%	41 53.9%	22 48.9%	35 97.2%	36 85.7%	20 22.0%	42 66.7%
Natural gas	83 27.7%	6 31.6%	8 29.6%	13 24.1%	16 21.6%	22 31.9%	23 30.3%	60 26.8%	5 27.8%	12 29.3%	15 26.8%	13 20.3%	23 30.3%	15 33.3%	0 0.0%	5 11.9%	71 78.0%	0 0.0%
Propane	28 9.3%	1 5.3%	4 14.8%	4 7.4%	10 13.5%	6 8.7%	10 13.2%	18 8.0%	1 5.6%	3 7.3%	4 7.1%	1 1.6%	12 15.8%	7 15.6%	1 2.8%	0 0.0%	0 0.0%	20 31.7%
Don't know	2 0.7%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	2 2.9%	0 0.0%	2 0.9%	1 5.6%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	1 2.2%	0 0.0%	1 2.4%	0 0.0%	1 1.6%

BREC End-Use and Energy Efficiency Survey (December 2007)

Table 9: Approximately, how old is your home?

All JPE respondents

	Gender		Financial burden of the electric bill			Number of people in the home					Length of time served by co-op					
	Total	Male	Female	Not too much	Some	Quite a bit	1	2	3	4	5+	<5 yrs.	5-10	11-15	16-25	>25 yrs.
Unweighted Base	300	141	159	156	108	34	41	162	45	35	15	23	38	36	62	141
Base	300	141	159	156	108	34	41	162	45	35	15	23	38	36	62	141
One year or less	6 2.0%	3 2.1%	3 1.9%	4 2.6%	1 0.9%	1 2.9%	0 0.0%	3 1.9%	2 4.4%	1 2.9%	0 0.0%	3 13.0%	1 2.6%	0 0.0%	1 1.6%	1 0.7%
2-4 years	12 4.0%	5 3.5%	7 4.4%	10 6.4%	2 1.9%	0 0.0%	1 2.4%	4 2.5%	3 6.7%	2 5.7%	2 13.3%	3 13.0%	1 2.6%	1 2.8%	2 3.2%	5 3.5%
5-7 years	18 6.0%	10 7.1%	8 5.0%	9 5.8%	8 7.4%	1 2.9%	2 4.9%	11 6.8%	3 6.7%	2 5.7%	0 0.0%	4 17.4%	6 15.8%	1 2.8%	3 4.8%	4 2.8%
8-10 years	23 7.7%	10 7.1%	13 8.2%	11 7.1%	11 10.2%	1 2.9%	4 9.8%	6 3.7%	5 11.1%	6 17.1%	2 13.3%	3 13.0%	9 23.7%	3 8.3%	5 8.1%	3 2.1%
11-20 years	56 18.7%	25 17.7%	31 19.5%	33 21.2%	16 14.8%	6 17.6%	9 22.0%	29 17.9%	9 20.0%	8 22.9%	1 6.7%	3 13.0%	4 10.5%	15 41.7%	15 24.2%	19 13.5%
21-30 years	64 21.3%	34 24.1%	30 18.9%	29 18.6%	24 22.2%	11 32.4%	6 14.6%	43 26.5%	6 13.3%	6 17.1%	3 20.0%	4 17.4%	7 18.4%	7 19.4%	15 24.2%	31 22.0%
31-40 years	47 15.7%	20 14.2%	27 17.0%	24 15.4%	19 17.6%	4 11.8%	4 9.8%	29 17.9%	10 22.2%	2 5.7%	2 13.3%	2 8.7%	6 15.8%	5 13.9%	8 12.9%	26 18.4%
41-50 years	29 9.7%	18 12.8%	11 6.9%	12 7.7%	14 13.0%	3 8.8%	5 12.2%	18 11.1%	3 6.7%	2 5.7%	1 6.7%	0 0.0%	2 5.3%	1 2.8%	6 9.7%	20 14.2%
More than 50 years old	45 15.0%	16 11.3%	29 18.2%	24 15.4%	13 12.0%	7 20.6%	10 24.4%	19 11.7%	4 8.9%	6 17.1%	4 26.7%	1 4.3%	2 5.3%	3 8.3%	7 11.3%	32 22.7%
Chi Square			7.27 .507		16.41 .425				37.48 .232					91.13 .001		



(continued)

BREC End-Use and Energy Efficiency Survey (December 2007)

Table 9: Approximately, how old is your home?

All JPE respondents

	Age						Type of home				Education				
	Total	18-34	35-44	45-54	55-64	65+	Single-story	Multi-story	Mobile	Other	<HS grad	HS grad	Some college	College grad	Post college
Unweighted Base	300	18	33	71	81	92	184	77	26	13	21	125	80	37	35
Base	300	18	33	71	81	92	184	77	26	13	21	125	80	37	35
One year or less	6 2.0%	2 11.1%	2 6.1%	1 1.4%	0 0.0%	1 1.1%	4 2.2%	2 2.6%	0 0.0%	0 0.0%	0 0.0%	1 0.8%	3 3.8%	0 0.0%	2 5.7%
2-4 years	12 4.0%	1 5.6%	4 12.1%	1 1.4%	3 3.7%	3 3.3%	6 3.3%	3 3.9%	1 3.8%	2 15.4%	0 0.0%	4 3.2%	6 7.5%	1 2.7%	1 2.9%
5-7 years	18 6.0%	3 16.7%	2 6.1%	3 4.2%	6 7.4%	4 4.3%	8 4.3%	6 7.8%	3 11.5%	1 7.7%	1 4.8%	6 4.8%	4 5.0%	3 8.1%	4 11.4%
8-10 years	23 7.7%	2 11.1%	5 15.2%	6 8.5%	6 7.4%	4 4.3%	8 4.3%	6 7.8%	7 26.9%	2 15.4%	1 4.8%	6 4.8%	8 10.0%	4 10.8%	4 11.4%
11-20 years	56 18.7%	3 16.7%	6 18.2%	14 19.7%	21 25.9%	12 13.0%	25 13.6%	18 23.4%	8 30.8%	5 38.5%	3 14.3%	26 20.8%	15 18.8%	6 16.2%	6 17.1%
21-30 years	64 21.3%	2 11.1%	4 12.1%	25 35.2%	17 21.0%	14 15.2%	39 21.2%	18 23.4%	4 15.4%	3 23.1%	5 23.8%	26 20.8%	18 22.5%	10 27.0%	5 14.3%
31-40 years	47 15.7%	2 11.1%	5 15.2%	7 9.9%	16 19.8%	16 17.4%	35 19.0%	10 13.0%	2 7.7%	0 0.0%	1 4.8%	23 18.4%	11 13.8%	4 10.8%	7 20.0%
41-50 years	29 9.7%	1 5.6%	0 0.0%	7 9.9%	3 3.7%	17 18.5%	25 13.6%	3 3.9%	1 3.8%	0 0.0%	2 9.5%	17 13.6%	4 5.0%	5 13.5%	1 2.9%
More than 50 years old	45 15.0%	2 11.1%	5 15.2%	7 9.9%	9 11.1%	21 22.8%	34 18.5%	11 14.3%	0 0.0%	0 0.0%	8 38.1%	16 12.8%	11 13.8%	4 10.8%	5 14.3%
Chi Square				64.47 .001				52.99 .001					35.19 .320		

(continued)

BREC End-Use and Energy Efficiency Survey (December 2007)

Table 9: Approximately, how old is your home?

All JPE respondents

	Income					Overall Satisfaction		Age of home						Primary heating source				
	Total	< \$15K	\$15K-\$25K	\$25K-\$40K	\$40-\$75K	> \$75K	Less than satis.	Satis.	<5 yrs	5-10	11-20	21-30	31-50	50+ yrs	Elec. furn.	HP/ geoth.	NG furn.	Prop. furn.
Unweighted Base	300	19	27	54	74	69	76	224	18	41	56	64	76	45	36	42	91	63
Base	300	19	27	54	74	69	76	224	18	41	56	64	76	45	36	42	91	63
One year or less	6 2.0%	0 0.0%	0 0.0%	1 1.9%	0 0.0%	5 7.2%	2 2.6%	4 1.8%	6 33.3%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	3 7.1%	2 2.2%	0 0.0%
2-4 years	12 4.0%	2 10.5%	1 3.7%	3 5.6%	1 1.4%	5 7.2%	3 3.9%	9 4.0%	12 66.7%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	3 8.3%	3 7.1%	2 2.2%	3 4.8%
5-7 years	18 6.0%	0 0.0%	1 3.7%	1 1.9%	7 9.5%	8 11.6%	3 3.9%	15 6.7%	0 0.0%	18 43.9%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	5 13.9%	2 4.8%	3 3.3%	4 6.3%
8-10 years	23 7.7%	1 5.3%	2 7.4%	3 5.6%	7 9.5%	7 10.1%	5 6.6%	18 8.0%	0 0.0%	23 56.1%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	6 16.7%	2 4.8%	10 11.0%	4 6.3%
11-20 years	56 18.7%	3 15.8%	7 25.9%	9 16.7%	11 14.9%	17 24.6%	18 23.7%	38 17.0%	0 0.0%	0 0.0%	56 100.0%	0 0.0%	0 0.0%	0 0.0%	10 27.8%	8 19.0%	16 17.6%	10 15.9%
21-30 years	64 21.3%	4 21.1%	6 22.2%	9 16.7%	17 23.0%	14 20.3%	16 21.1%	48 21.4%	0 0.0%	0 0.0%	0 0.0%	64 100.0%	0 0.0%	0 0.0%	8 22.2%	10 23.8%	19 20.9%	8 12.7%
31-40 years	47 15.7%	0 0.0%	4 14.8%	9 16.7%	16 21.6%	5 7.2%	11 14.5%	36 16.1%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	47 61.8%	0 0.0%	2 5.6%	7 16.7%	11 12.1%	15 23.8%
41-50 years	29 9.7%	3 15.8%	3 11.1%	8 14.8%	8 10.8%	1 1.4%	9 11.8%	20 8.9%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	29 38.2%	0 0.0%	1 2.8%	2 4.8%	12 13.2%	9 14.3%
More than 50 years old	45 15.0%	6 31.6%	3 11.1%	11 20.4%	7 9.5%	7 10.1%	9 11.8%	36 16.1%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	45 100.0%	1 2.8%	5 11.9%	16 17.6%	10 15.9%

(continued)

BREC End-Use and Energy Efficiency Survey (December 2007)

Table 9: Approximately, how old is your home?

(continued)

All JPE respondents

	Income					Overall Satisfaction		Age of home					Primary heating source					
	Total	< \$15K	\$15K-\$25K	\$25K-\$40K	\$40-\$75K	> \$75K	Less than satis.	Satis.	<5 yrs	5-10	11-20	21-30	31-50	50+ yrs	Elec. furn.	HP/ geoth.	NG furn.	Prop. furn.
Unweighted Base	300	19	27	54	74	69	76	224	18	41	56	64	76	45	36	42	91	63
Base	300	19	27	54	74	69	76	224	18	41	56	64	76	45	36	42	91	63
Chi Square				47.78			3.72				1000+					37.77		
				.036			.881				.001					.037		

BREC End-Use and Energy Efficiency Survey (December 2007)

Table 10: Next, I'm going to read some descriptive phrases and would like for you to tell me which energy source you believe best applies to each one. Please consider all energy sources—even if one or more are not readily available to you at the moment. Here's the first: Is the most comfortable way to heat a home. Would you say that phrase applies best to:

All JPE respondents

	Gender		Financial burden of the electric bill			Number of people in the home					Length of time served by co-op					
	Total	Male	Female	Not too much	Some	Quite a bit	1	2	3	4	5+	<5 yrs.	5-10	11-15	16-25	>25 yrs.
Unweighted Base	300	141	159	156	108	34	41	162	45	35	15	23	38	36	62	141
Base	300	141	159	156	108	34	41	162	45	35	15	23	38	36	62	141
Natural gas	124 41.3%	66 46.8%	58 36.5%	64 41.0%	46 42.6%	12 35.3%	15 36.6%	68 42.0%	21 46.7%	12 34.3%	7 46.7%	12 52.2%	19 50.0%	18 50.0%	25 40.3%	50 35.5%
Electricity (includes geothermal and heat pump)	104 34.7%	39 27.7%	65 40.9%	54 34.6%	38 35.2%	12 35.3%	17 41.5%	55 34.0%	18 40.0%	11 31.4%	2 13.3%	8 34.8%	10 26.3%	10 27.8%	20 32.3%	56 39.7%
Propane (includes LP—liquid propane)	51 17.0%	23 16.3%	28 17.6%	29 18.6%	14 13.0%	8 23.5%	4 9.8%	30 18.5%	4 8.9%	10 28.6%	3 20.0%	2 8.7%	6 15.8%	4 11.1%	15 24.2%	24 17.0%
Wood	15 5.0%	10 7.1%	5 3.1%	8 5.1%	7 6.5%	0 0.0%	4 9.8%	4 2.5%	2 4.4%	2 5.7%	3 20.0%	0 0.0%	3 7.9%	4 11.1%	2 3.2%	6 4.3%
Solar	2 0.7%	0 0.0%	2 1.3%	1 0.6%	1 0.9%	0 0.0%	1 2.4%	1 0.6%	0 0.0%	0 0.0%	0 0.0%	1 4.3%	0 0.0%	0 0.0%	0 0.0%	1 0.7%
Kerosene/fuel oil	1 0.3%	1 0.7%	0 0.0%	0 0.0%	0 0.0%	1 2.9%	0 0.0%	1 0.6%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	1 0.7%
Don't know/no opinion	3 1.0%	2 1.4%	1 0.6%	0 0.0%	2 1.9%	1 2.9%	0 0.0%	3 1.9%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	3 2.1%

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BREC End-Use and Energy Efficiency Survey (December 2007)

Table 10: Next, I'm going to read some descriptive phrases and would like for you to tell me which energy source you believe best applies to each one. Please consider all energy sources—even if one or more are not readily available to you at the moment. Here's the first: Is the most comfortable way to heat a home. Would you say that phrase applies best to:

All JPE respondents

	Total	Age					Type of home				Education				
		18-34	35-44	45-54	55-64	65+	Single-story	Multi-story	Mobile	Other	<HS grad	HS grad	Some college	College grad	Post college
Unweighted Base	300	18	33	71	81	92	184	77	26	13	21	125	80	37	35
Base	300	18	33	71	81	92	184	77	26	13	21	125	80	37	35
Natural gas	124 41.3%	7 38.9%	10 30.3%	31 43.7%	36 44.4%	38 41.3%	71 38.6%	40 51.9%	8 30.8%	5 38.5%	7 33.3%	39 31.2%	39 48.8%	21 56.8%	17 48.6%
Electricity (includes geothermal and heat pump)	104 34.7%	5 27.8%	10 30.3%	26 36.6%	25 30.9%	37 40.2%	65 35.3%	21 27.3%	13 50.0%	5 38.5%	8 38.1%	51 40.8%	26 32.5%	8 21.6%	10 28.6%
Propane (includes LP—liquid propane)	51 17.0%	4 22.2%	10 30.3%	9 12.7%	15 18.5%	12 13.0%	35 19.0%	11 14.3%	3 11.5%	2 15.4%	6 28.6%	29 23.2%	8 10.0%	4 10.8%	4 11.4%
Wood	15 5.0%	2 11.1%	3 9.1%	4 5.6%	4 4.9%	2 2.2%	10 5.4%	3 3.9%	2 7.7%	0 0.0%	0 0.0%	4 3.2%	5 6.3%	4 10.8%	2 5.7%
Solar	2 0.7%	0 0.0%	0 0.0%	0 0.0%	1 1.2%	1 1.1%	1 0.5%	0 0.0%	0 0.0%	1 7.7%	0 0.0%	0 0.0%	1 1.3%	0 0.0%	1 2.9%
Kerosene/fuel oil	1 0.3%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	1 1.1%	0 0.0%	1 1.3%	0 0.0%	0 0.0%	0 0.0%	1 0.8%	0 0.0%	0 0.0%	0 0.0%
Don't know/no opinion	3 1.0%	0 0.0%	0 0.0%	1 1.4%	0 0.0%	1 1.1%	2 1.1%	1 1.3%	0 0.0%	0 0.0%	0 0.0%	1 0.8%	1 1.3%	0 0.0%	1 2.9%

(continued)

BREC End-Use and Energy Efficiency Survey (December 2007)

Table 10: Next, I'm going to read some descriptive phrases and would like for you to tell me which energy source you believe best applies to each one. Please consider all energy sources—even if one or more are not readily available to you at the moment. Here's the first: Is the most comfortable way to heat a home. Would you say that phrase applies best to:

All JPE respondents

	Total	Income					Overall Satisfaction		Age of home						Primary heating source			
		< \$15K	\$15K- \$25K	\$25K- \$40K	\$40- \$75K	> \$75K	Less than satis.	Satis.	<5 yrs	5-10	11-20	21-30	31-50	50+ yrs	Elec. furn.	HP/ geoth.	NG furn.	Prop. furn.
Unweighted Base	300	19	27	54	74	69	76	224	18	41	56	64	76	45	36	42	91	63
Base	300	19	27	54	74	69	76	224	18	41	56	64	76	45	36	42	91	63
Natural gas	124 41.3%	6 31.6%	8 29.6%	15 27.8%	34 45.9%	34 49.3%	36 47.4%	88 39.3%	8 44.4%	21 51.2%	23 41.1%	26 40.6%	32 42.1%	14 31.1%	7 19.4%	12 28.6%	73 80.2%	14 22.2%
Electricity (includes geothermal and heat pump)	104 34.7%	7 36.8%	12 44.4%	27 50.0%	22 29.7%	15 21.7%	19 25.0%	85 37.9%	7 38.9%	11 26.8%	18 32.1%	26 40.6%	27 35.5%	15 33.3%	25 69.4%	25 59.5%	12 13.2%	14 22.2%
Propane (includes LP—liquid propane)	51 17.0%	5 26.3%	6 22.2%	6 11.1%	14 18.9%	14 20.3%	12 15.8%	39 17.4%	1 5.6%	9 22.0%	13 23.2%	6 9.4%	11 14.5%	11 24.4%	2 5.6%	1 2.4%	0 0.0%	32 50.8%
Wood	15 5.0%	0 0.0%	1 3.7%	6 11.1%	2 2.7%	5 7.2%	8 10.5%	7 3.1%	1 5.6%	0 0.0%	2 3.6%	4 6.3%	5 6.6%	3 6.7%	1 2.8%	4 9.5%	3 3.3%	3 4.8%
Solar	2 0.7%	1 5.3%	0 0.0%	0 0.0%	1 1.4%	0 0.0%	0 0.0%	2 0.9%	1 5.6%	0 0.0%	0 0.0%	0 0.0%	1 1.3%	0 0.0%	1 2.8%	0 0.0%	1 1.1%	0 0.0%
Kerosene/fuel oil	1 0.3%	0 0.0%	0 0.0%	0 0.0%	1 1.4%	0 0.0%	0 0.0%	1 0.4%	0 0.0%	0 0.0%	0 0.0%	1 1.6%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%
Don't know/no opinion	3 1.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	1 1.4%	1 1.3%	2 0.9%	0 0.0%	0 0.0%	0 0.0%	1 1.6%	0 0.0%	2 4.4%	0 0.0%	0 0.0%	2 2.2%	0 0.0%

BREC End-Use and Energy Efficiency Survey (December 2007)

Table 11: Is the cheapest way to heat water for a home. Would you say that phrase applies best to:

All JPE respondents

	Gender		Financial burden of the electric bill			Number of people in the home					Length of time served by co-op					
	Total	Male	Female	Not too much	Some	Quite a bit	1	2	3	4	5+	<5 yrs.	5-10	11-15	16-25	>25 yrs.
Unweighted Base	300	141	159	156	108	34	41	162	45	35	15	23	38	36	62	141
Base	300	141	159	156	108	34	41	162	45	35	15	23	38	36	62	141
Electricity (includes geothermal and heat pump)	166 55.5%	64 45.4%	102 64.6%	86 55.1%	59 54.6%	21 63.6%	22 53.7%	92 57.1%	21 46.7%	23 65.7%	8 53.3%	11 47.8%	20 52.6%	24 66.7%	35 56.5%	76 54.3%
Natural gas	101 33.8%	62 44.0%	39 24.7%	54 34.6%	38 35.2%	7 21.2%	14 34.1%	55 34.2%	22 48.9%	6 17.1%	3 20.0%	10 43.5%	14 36.8%	10 27.8%	16 25.8%	51 36.4%
Propane (includes LP—liquid propane)	22 7.4%	13 9.2%	9 5.7%	12 7.7%	8 7.4%	2 6.1%	3 7.3%	9 5.6%	0 0.0%	6 17.1%	3 20.0%	1 4.3%	4 10.5%	1 2.8%	9 14.5%	7 5.0%
Solar	5 1.7%	1 0.7%	4 2.5%	2 1.3%	2 1.9%	1 3.0%	2 4.9%	1 0.6%	1 2.2%	0 0.0%	1 6.7%	1 4.3%	0 0.0%	1 2.8%	1 1.6%	2 1.4%
Don't know	3 1.0%	0 0.0%	3 1.9%	2 1.3%	0 0.0%	1 3.0%	0 0.0%	2 1.2%	1 2.2%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	1 1.6%	2 1.4%
Wood	2 0.7%	1 0.7%	1 0.6%	0 0.0%	1 0.9%	1 3.0%	0 0.0%	2 1.2%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	2 1.4%
No Response	1	0	1	0	0	1	0	1	0	0	0	0	0	0	0	1

(continued)

BREC End-Use and Energy Efficiency Survey (December 2007)

Table 11: Is the cheapest way to heat water for a home. Would you say that phrase applies best to:

All JPE respondents

	Total	Age					Type of home				Education				
		18-34	35-44	45-54	55-64	65+	Single-story	Multi-story	Mobile	Other	<HS grad	HS grad	Some college	College grad	Post college
Unweighted Base	300	18	33	71	81	92	184	77	26	13	21	125	80	37	35
Base	300	18	33	71	81	92	184	77	26	13	21	125	80	37	35
Electricity (includes geothermal and heat pump)	166 55.5%	9 50.0%	22 66.7%	44 62.0%	42 51.9%	46 50.5%	101 55.2%	41 53.2%	16 61.5%	8 61.5%	11 52.4%	87 70.2%	38 47.5%	15 40.5%	14 40.0%
Natural gas	101 33.8%	6 33.3%	7 21.2%	21 29.6%	31 38.3%	35 38.5%	61 33.3%	29 37.7%	7 26.9%	4 30.8%	8 38.1%	25 20.2%	33 41.3%	18 48.6%	16 45.7%
Propane (includes LP—liquid propane)	22 7.4%	2 11.1%	4 12.1%	3 4.2%	5 6.2%	7 7.7%	15 8.2%	5 6.5%	2 7.7%	0 0.0%	2 9.5%	7 5.6%	5 6.3%	3 8.1%	5 14.3%
Solar	5 1.7%	1 5.6%	0 0.0%	1 1.4%	3 3.7%	0 0.0%	3 1.6%	1 1.3%	0 0.0%	1 7.7%	0 0.0%	2 1.6%	2 2.5%	1 2.7%	0 0.0%
Don't know	3 1.0%	0 0.0%	0 0.0%	1 1.4%	0 0.0%	2 2.2%	2 1.1%	1 1.3%	0 0.0%	0 0.0%	0 0.0%	2 1.6%	1 1.3%	0 0.0%	0 0.0%
Wood	2 0.7%	0 0.0%	0 0.0%	1 1.4%	0 0.0%	1 1.1%	1 0.5%	0 0.0%	1 3.8%	0 0.0%	0 0.0%	1 0.8%	1 1.3%	0 0.0%	0 0.0%
No Response	1	0	0	0	0	1	1	0	0	0	0	1	0	0	0

(continued)

BREC End-Use and Energy Efficiency Survey (December 2007)

Table 11: Is the cheapest way to heat water for a home. Would you say that phrase applies best to:

All JPE respondents

	Total	Income					Overall Satisfaction		Age of home						Primary heating source			
		< \$15K	\$15K- \$25K	\$25K- \$40K	\$40- \$75K	> \$75K	Less than satis.	Satis.	<5 yrs	5-10	11-20	21-30	31-50	50+ yrs	Elec. furn.	HP/ geoth.	NG furn.	Prop. furn.
Unweighted Base	300	19	27	54	74	69	76	224	18	41	56	64	76	45	36	42	91	63
Base	300	19	27	54	74	69	76	224	18	41	56	64	76	45	36	42	91	63
Electricity (includes geothermal and heat pump)	166 55.5%	14 73.7%	17 63.0%	36 66.7%	41 55.4%	32 46.4%	39 51.3%	127 57.0%	9 50.0%	21 51.2%	33 58.9%	40 62.5%	39 51.3%	24 54.5%	26 72.2%	32 76.2%	33 36.3%	36 57.1%
Natural gas	101 33.8%	3 15.8%	7 25.9%	14 25.9%	27 36.5%	27 39.1%	30 39.5%	71 31.8%	7 38.9%	13 31.7%	15 26.8%	20 31.3%	32 42.1%	14 31.8%	8 22.2%	9 21.4%	53 58.2%	15 23.8%
Propane (includes LP—liquid propane)	22 7.4%	1 5.3%	2 7.4%	2 3.7%	6 8.1%	8 11.6%	7 9.2%	15 6.7%	1 5.6%	5 12.2%	5 8.9%	3 4.7%	4 5.3%	4 9.1%	0 0.0%	0 0.0%	2 2.2%	10 15.9%
Solar	5 1.7%	1 5.3%	0 0.0%	0 0.0%	0 0.0%	2 2.9%	0 0.0%	5 2.2%	1 5.6%	1 2.4%	1 1.8%	0 0.0%	0 0.0%	2 4.5%	1 2.8%	1 2.4%	2 2.2%	1 1.6%
Don't know	3 1.0%	0 0.0%	1 3.7%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	3 1.3%	0 0.0%	1 2.4%	1 1.8%	1 1.6%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	1 1.1%	1 1.6%
Wood	2 0.7%	0 0.0%	0 0.0%	2 3.7%	0 0.0%	0 0.0%	0 0.0%	2 0.9%	0 0.0%	0 0.0%	1 1.8%	0 0.0%	1 1.3%	0 0.0%	1 2.8%	0 0.0%	0 0.0%	0 0.0%
No Response	1	0	0	0 +++	0	0	0	1	0	0	0	0	0	1	0 +	0	0	0

BREC End-Use and Energy Efficiency Survey (December 2007)

Table 12: Is the most energy-efficient way to heat a home?

All JPE respondents

	Gender		Financial burden of the electric bill			Number of people in the home					Length of time served by co-op					
	Total	Male	Female	Not too much	Some	Quite a bit	1	2	3	4	5+	<5 yrs.	5-10	11-15	16-25	>25 yrs.
Unweighted Base	300	141	159	156	108	34	41	162	45	35	15	23	38	36	62	141
Base	300	141	159	156	108	34	41	162	45	35	15	23	38	36	62	141
Electricity (includes geothermal and heat pump)	133 44.3%	54 38.3%	79 49.7%	72 46.2%	44 40.7%	17 50.0%	17 41.5%	75 46.3%	21 46.7%	15 42.9%	5 33.3%	10 43.5%	18 47.4%	16 44.4%	30 48.4%	59 41.8%
Natural gas	106 35.3%	60 42.6%	46 28.9%	52 33.3%	42 38.9%	10 29.4%	18 43.9%	57 35.2%	17 37.8%	9 25.7%	3 20.0%	9 39.1%	13 34.2%	14 38.9%	21 33.9%	49 34.8%
Propane (includes LP—liquid propane)	36 12.0%	14 9.9%	22 13.8%	21 13.5%	11 10.2%	4 11.8%	4 9.8%	17 10.5%	4 8.9%	7 20.0%	4 26.7%	2 8.7%	4 10.5%	3 8.3%	9 14.5%	18 12.8%
Solar	12 4.0%	5 3.5%	7 4.4%	7 4.5%	4 3.7%	1 2.9%	1 2.4%	7 4.3%	1 2.2%	2 5.7%	1 6.7%	2 8.7%	1 2.6%	2 5.6%	2 3.2%	5 3.5%
Wood	11 3.7%	6 4.3%	5 3.1%	4 2.6%	6 5.6%	1 2.9%	1 2.4%	4 2.5%	2 4.4%	2 5.7%	2 13.3%	0 0.0%	2 5.3%	1 2.8%	0 0.0%	8 5.7%
Fuel oil	1 0.3%	1 0.7%	0 0.0%	0 0.0%	0 0.0%	1 2.9%	0 0.0%	1 0.6%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	1 0.7%
Don't know	1 0.3%	1 0.7%	0 0.0%	0 0.0%	1 0.9%	0 0.0%	0 0.0%	1 0.6%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	1 0.7%

(continued)

BREC End-Use and Energy Efficiency Survey (December 2007)

Table 12: Is the most energy-efficient way to heat a home?

All JPE respondents

	Total	Age					Type of home				Education				
		18-34	35-44	45-54	55-64	65+	Single-story	Multi-story	Mobile	Other	<HS grad	HS grad	Some college	College grad	Post college
Unweighted Base	300	18	33	71	81	92	184	77	26	13	21	125	80	37	35
Base	300	18	33	71	81	92	184	77	26	13	21	125	80	37	35
Electricity (includes geothermal and heat pump)	133 44.3%	10 55.6%	15 45.5%	36 50.7%	36 44.4%	35 38.0%	77 41.8%	39 50.6%	13 50.0%	4 30.8%	6 28.6%	63 50.4%	35 43.8%	15 40.5%	13 37.1%
Natural gas	106 35.3%	4 22.2%	7 21.2%	26 36.6%	29 35.8%	38 41.3%	69 37.5%	24 31.2%	7 26.9%	6 46.2%	9 42.9%	33 26.4%	30 37.5%	19 51.4%	14 40.0%
Propane (includes LP—liquid propane)	36 12.0%	2 11.1%	7 21.2%	5 7.0%	12 14.8%	9 9.8%	26 14.1%	7 9.1%	2 7.7%	1 7.7%	5 23.8%	18 14.4%	5 6.3%	2 5.4%	6 17.1%
Solar	12 4.0%	1 5.6%	1 3.0%	2 2.8%	4 4.9%	3 3.3%	4 2.2%	4 5.2%	3 11.5%	1 7.7%	0 0.0%	4 3.2%	6 7.5%	1 2.7%	1 2.9%
Wood	11 3.7%	1 5.6%	3 9.1%	2 2.8%	0 0.0%	5 5.4%	7 3.8%	2 2.6%	1 3.8%	1 7.7%	1 4.8%	5 4.0%	4 5.0%	0 0.0%	1 2.9%
Fuel oil	1 0.3%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	1 1.1%	0 0.0%	1 1.3%	0 0.0%	0 0.0%	0 0.0%	1 0.8%	0 0.0%	0 0.0%	0 0.0%
Don't know	1 0.3%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	1 1.1%	1 0.5%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	1 0.8%	0 0.0%	0 0.0%	0 0.0%

(continued)

BREC End-Use and Energy Efficiency Survey (December 2007)

Table 12: Is the most energy-efficient way to heat a home?

All JPE respondents

	Income					Overall Satisfaction		Age of home						Primary heating source				
	Total	< \$15K	\$15K-\$25K	\$25K-\$40K	\$40-\$75K	> \$75K	Less than satis.	Satis.	<5 yrs	5-10	11-20	21-30	31-50	50+ yrs	Elec. furn.	HP/ geoth.	NG furn.	Prop. furn.
Unweighted Base	300	19	27	54	74	69	76	224	18	41	56	64	76	45	36	42	91	63
Base	300	19	27	54	74	69	76	224	18	41	56	64	76	45	36	42	91	63
Electricity (includes geothermal and heat pump)	133 44.3%	8 42.1%	13 48.1%	29 53.7%	32 43.2%	29 42.0%	32 42.1%	101 45.1%	11 61.1%	13 31.7%	24 42.9%	35 54.7%	32 42.1%	18 40.0%	24 66.7%	29 69.0%	26 28.6%	19 30.2%
Natural gas	106 35.3%	7 36.8%	8 29.6%	14 25.9%	26 35.1%	25 36.2%	30 39.5%	76 33.9%	5 27.8%	18 43.9%	18 32.1%	20 31.3%	31 40.8%	14 31.1%	7 19.4%	10 23.8%	58 63.7%	13 20.6%
Propane (includes LP—liquid propane)	36 12.0%	3 15.8%	4 14.8%	5 9.3%	10 13.5%	10 14.5%	8 10.5%	28 12.5%	1 5.6%	8 19.5%	10 17.9%	3 4.7%	6 7.9%	8 17.8%	0 0.0%	0 0.0%	1 1.1%	26 41.3%
Solar	12 4.0%	1 5.3%	0 0.0%	1 1.9%	3 4.1%	3 4.3%	3 3.9%	9 4.0%	1 5.6%	2 4.9%	2 3.6%	4 6.3%	1 1.3%	2 4.4%	3 8.3%	1 2.4%	5 5.5%	2 3.2%
Wood	11 3.7%	0 0.0%	1 3.7%	5 9.3%	2 2.7%	2 2.9%	3 3.9%	8 3.6%	0 0.0%	0 0.0%	2 3.6%	1 1.6%	5 6.6%	3 6.7%	2 5.6%	2 4.8%	1 1.1%	3 4.8%
Fuel oil	1 0.3%	0 0.0%	0 0.0%	0 0.0%	1 1.4%	0 0.0%	0 0.0%	1 0.4%	0 0.0%	0 0.0%	0 0.0%	1 1.6%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%
Don't know	1 0.3%	0 0.0%	1 3.7%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	1 0.4%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	1 1.3%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%

BREC End-Use and Energy Efficiency Survey (December 2007)

Table 13: Who do you typically go to for advice regarding issues or concerns you might have about energy efficiency, energy use, or heating and cooling products?

All JPE respondents

	Gender		Financial burden of the electric bill			Number of people in the home					Length of time served by co-op					
	Total	Male	Female	Not too much	Some	Quite a bit	1	2	3	4	5+	<5 yrs.	5-10	11-15	16-25	>25 yrs.
Unweighted Base	300	141	159	156	108	34	41	162	45	35	15	23	38	36	62	141
Base	300	141	159	156	108	34	41	162	45	35	15	23	38	36	62	141
Electric cooperative/RECC magazine	89 29.7%	43 30.5%	46 28.9%	49 31.4%	22 20.4%	17 50.0%	14 34.1%	57 35.2%	7 15.6%	7 20.0%	3 20.0%	3 13.0%	12 31.6%	10 27.8%	14 22.6%	50 35.5%
Heating or air conditioning equipment contractor/HVAC contractor/HVAC repairman	64 21.3%	30 21.3%	34 21.4%	32 20.5%	28 25.9%	4 11.8%	6 14.6%	36 22.2%	13 28.9%	8 22.9%	1 6.7%	2 8.7%	6 15.8%	14 38.9%	12 19.4%	30 21.3%
A friend or family member/myself	58 19.3%	19 13.5%	39 24.5%	28 17.9%	21 19.4%	8 23.5%	12 29.3%	23 14.2%	9 20.0%	11 31.4%	2 13.3%	4 17.4%	5 13.2%	7 19.4%	14 22.6%	28 19.9%
The Internet	39 13.0%	25 17.7%	14 8.8%	19 12.2%	18 16.7%	2 5.9%	5 12.2%	18 11.1%	6 13.3%	5 14.3%	5 33.3%	5 21.7%	9 23.7%	5 13.9%	12 19.4%	8 5.7%
A locally owned appliance/equipment dealer	17 5.7%	6 4.3%	11 6.9%	10 6.4%	5 4.6%	2 5.9%	1 2.4%	10 6.2%	3 6.7%	1 2.9%	2 13.3%	1 4.3%	1 2.6%	3 8.3%	4 6.5%	8 5.7%
Gas company	16 5.3%	7 5.0%	9 5.7%	5 3.2%	6 5.6%	4 11.8%	3 7.3%	8 4.9%	3 6.7%	1 2.9%	0 0.0%	1 4.3%	3 7.9%	1 2.8%	1 1.6%	10 7.1%
A national chain store that sells appliances, such as Lowe's, Home Depot, Sears, etc.	16 5.3%	10 7.1%	6 3.8%	8 5.1%	8 7.4%	0 0.0%	1 2.4%	9 5.6%	3 6.7%	3 8.6%	0 0.0%	1 4.3%	3 7.9%	1 2.8%	1 1.6%	10 7.1%
Phonebook/magazines/brochure s/various books/newspaper	12 4.0%	7 5.0%	5 3.1%	5 3.2%	7 6.5%	0 0.0%	0 0.0%	10 6.2%	1 2.2%	1 2.9%	0 0.0%	1 4.3%	1 2.6%	1 2.8%	3 4.8%	6 4.3%
Building contractor/general contractor/builder	11 3.7%	3 2.1%	8 5.0%	4 2.6%	5 4.6%	2 5.9%	4 9.8%	5 3.1%	1 2.2%	0 0.0%	1 6.7%	2 8.7%	1 2.6%	3 8.3%	1 1.6%	4 2.8%

(continued)

BREC End-Use and Energy Efficiency Survey (December 2007)

Table 13: Who do you typically go to for advice regarding issues or concerns you might have about energy efficiency, energy use, or heating and cooling products?

(continued)

All JPE respondents

	Gender		Financial burden of the electric bill			Number of people in the home					Length of time served by co-op					
	Total	Male	Female	Not too much	Some	Quite a bit	1	2	3	4	5+	<5 yrs.	5-10	11-15	16-25	>25 yrs.
Unweighted Base	300	141	159	156	108	34	41	162	45	35	15	23	38	36	62	141
Base	300	141	159	156	108	34	41	162	45	35	15	23	38	36	62	141
Consumers Report	7 2.3%	4 2.8%	3 1.9%	2 1.3%	4 3.7%	1 2.9%	0 0.0%	4 2.5%	1 2.2%	2 5.7%	0 0.0%	0 0.0%	1 2.6%	0 0.0%	2 3.2%	4 2.8%
Window company	2 0.7%	2 1.4%	0 0.0%	1 0.6%	1 0.9%	0 0.0%	1 2.4%	0 0.0%	0 0.0%	0 0.0%	1 6.7%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	2 1.4%
Landlord/apartment supervisor	1 0.3%	0 0.0%	1 0.6%	0 0.0%	1 0.9%	0 0.0%	0 0.0%	1 0.6%	0 0.0%	0 0.0%	0 0.0%	1 4.3%	0 0.0%	0 0.0%	0 0.0%	0 0.0%
Doug Rye	1 0.3%	1 0.7%	0 0.0%	1 0.6%	0 0.0%	0 0.0%	0 0.0%	1 0.6%	0 0.0%	0 0.0%	0 0.0%	1 4.3%	0 0.0%	0 0.0%	0 0.0%	0 0.0%
Article in newspaper by "Dudley"	1 0.3%	1 0.7%	0 0.0%	1 0.6%	0 0.0%	0 0.0%	0 0.0%	1 0.6%	0 0.0%	0 0.0%	0 0.0%	1 4.3%	0 0.0%	0 0.0%	0 0.0%	0 0.0%
Electrician	1 0.3%	0 0.0%	1 0.6%	0 0.0%	1 0.9%	0 0.0%	0 0.0%	0 0.0%	1 2.2%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	1 0.7%
Local non-chain lumber company	1 0.3%	1 0.7%	0 0.0%	0 0.0%	1 0.9%	0 0.0%	0 0.0%	1 0.6%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	1 0.7%
TVA	1 0.3%	1 0.7%	0 0.0%	1 0.6%	0 0.0%	0 0.0%	0 0.0%	1 0.6%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	1 0.7%
Don't know	5 1.7%	2 1.4%	3 1.9%	5 3.2%	0 0.0%	0 0.0%	0 0.0%	2 1.2%	1 2.2%	2 5.7%	0 0.0%	1 4.3%	1 2.6%	0 0.0%	1 1.6%	2 1.4%

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BREC End-Use and Energy Efficiency Survey (December 2007)

Table 13: Who do you typically go to for advice regarding issues or concerns you might have about energy efficiency, energy use, or heating and cooling products?

All JPE respondents

	Total	Age					Type of home				Education				
		18-34	35-44	45-54	55-64	65+	Single-story	Multi-story	Mobile	Other	<HS grad	HS grad	Some college	College grad	Post college
Unweighted Base	300	18	33	71	81	92	184	77	26	13	21	125	80	37	35
Base	300	18	33	71	81	92	184	77	26	13	21	125	80	37	35
Electric cooperative/RECC magazine	89 29.7%	3 16.7%	9 27.3%	13 18.3%	26 32.1%	36 39.1%	59 32.1%	20 26.0%	6 23.1%	4 30.8%	4 19.0%	42 33.6%	22 27.5%	11 29.7%	9 25.7%
Heating or air conditioning equipment contractor/HVAC contractor/HVAC repairman	64 21.3%	2 11.1%	9 27.3%	19 26.8%	19 23.5%	15 16.3%	36 19.6%	19 24.7%	8 30.8%	1 7.7%	7 33.3%	27 21.6%	12 15.0%	10 27.0%	8 22.9%
A friend or family member/myself	58 19.3%	3 16.7%	7 21.2%	12 16.9%	17 21.0%	18 19.6%	34 18.5%	15 19.5%	8 30.8%	1 7.7%	6 28.6%	21 16.8%	17 21.3%	7 18.9%	6 17.1%
The Internet	39 13.0%	7 38.9%	6 18.2%	12 16.9%	8 9.9%	5 5.4%	23 12.5%	12 15.6%	0 0.0%	4 30.8%	0 0.0%	11 8.8%	14 17.5%	6 16.2%	8 22.9%
A locally owned appliance/equipment dealer	17 5.7%	0 0.0%	0 0.0%	5 7.0%	6 7.4%	6 6.5%	10 5.4%	6 7.8%	0 0.0%	1 7.7%	0 0.0%	8 6.4%	7 8.8%	0 0.0%	2 5.7%
Gas company	16 5.3%	0 0.0%	2 6.1%	1 1.4%	4 4.9%	7 7.6%	9 4.9%	6 7.8%	0 0.0%	1 7.7%	3 14.3%	4 3.2%	5 6.3%	1 2.7%	2 5.7%
A national chain store that sells appliances, such as Lowe's, Home Depot, Sears, etc.	16 5.3%	0 0.0%	0 0.0%	8 11.3%	4 4.9%	3 3.3%	14 7.6%	1 1.3%	1 3.8%	0 0.0%	2 9.5%	9 7.2%	3 3.8%	2 5.4%	0 0.0%
Phonebook/magazines/brochures/various books/newspaper	12 4.0%	0 0.0%	0 0.0%	4 5.6%	6 7.4%	2 2.2%	7 3.8%	4 5.2%	1 3.8%	0 0.0%	0 0.0%	5 4.0%	3 3.8%	3 8.1%	1 2.9%
Building contractor/general contractor/builder	11 3.7%	1 5.6%	0 0.0%	1 1.4%	3 3.7%	6 6.5%	7 3.8%	2 2.6%	2 7.7%	0 0.0%	3 14.3%	5 4.0%	2 2.5%	1 2.7%	0 0.0%
Consumers Report	7 2.3%	0 0.0%	2 6.1%	0 0.0%	3 3.7%	2 2.2%	4 2.2%	3 3.9%	0 0.0%	0 0.0%	0 0.0%	3 2.4%	1 1.3%	0 0.0%	3 8.6%

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BREC End-Use and Energy Efficiency Survey (December 2007)

Table 13: Who do you typically go to for advice regarding issues or concerns you might have about energy efficiency, energy use, or heating and cooling products?

(continued)

All JPE respondents

	Total	Age					Type of home				Education				
		18-34	35-44	45-54	55-64	65+	Single-story	Multi-story	Mobile	Other	<HS grad	HS grad	Some college	College grad	Post college
Unweighted Base	300	18	33	71	81	92	184	77	26	13	21	125	80	37	35
Base	300	18	33	71	81	92	184	77	26	13	21	125	80	37	35
Window company	2 0.7%	0 0.0%	0 0.0%	0 0.0%	1 1.2%	1 1.1%	2 1.1%	0 0.0%	0 0.0%	0 0.0%	1 4.8%	0 0.0%	0 0.0%	0 0.0%	1 2.9%
Landlord/apartment supervisor	1 0.3%	0 0.0%	0 0.0%	1 1.4%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	1 3.8%	0 0.0%	0 0.0%	0 0.0%	1 1.3%	0 0.0%	0 0.0%
Doug Rye	1 0.3%	1 5.6%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	1 0.5%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	1 1.3%	0 0.0%	0 0.0%
Article in newspaper by "Dudley"	1 0.3%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	1 1.1%	1 0.5%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	1 2.7%	0 0.0%
Electrician	1 0.3%	0 0.0%	0 0.0%	1 1.4%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	1 7.7%	0 0.0%	1 0.8%	0 0.0%	0 0.0%	0 0.0%
Local non-chain lumber company	1 0.3%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	1 1.1%	1 0.5%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	1 0.8%	0 0.0%	0 0.0%	0 0.0%
TVA	1 0.3%	0 0.0%	0 0.0%	0 0.0%	1 1.2%	0 0.0%	1 0.5%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	1 1.3%	0 0.0%	0 0.0%
Don't know	5 1.7%	1 5.6%	1 3.0%	1 1.4%	1 1.2%	1 1.1%	4 2.2%	0 0.0%	1 3.8%	0 0.0%	0 0.0%	4 3.2%	0 0.0%	0 0.0%	1 2.9%

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BREC End-Use and Energy Efficiency Survey (December 2007)

Table 13: Who do you typically go to for advice regarding issues or concerns you might have about energy efficiency, energy use, or heating and cooling products?

All JPE respondents

	Total	Income					Overall Satisfaction		Age of home						Primary heating source			
		< \$15K	\$15K-\$25K	\$25K-\$40K	\$40-\$75K	> \$75K	Less than satis.	Satis.	<5 yrs	5-10	11-20	21-30	31-50	50+ yrs	Elec. furn.	HP/ geoth.	NG furn.	Prop. furn.
Unweighted Base	300	19	27	54	74	69	76	224	18	41	56	64	76	45	36	42	91	63
Base	300	19	27	54	74	69	76	224	18	41	56	64	76	45	36	42	91	63
Electric cooperative/RECC magazine	89 29.7%	6 31.6%	6 22.2%	26 48.1%	17 23.0%	17 24.6%	18 23.7%	71 31.7%	5 27.8%	14 34.1%	19 33.9%	14 21.9%	24 31.6%	13 28.9%	14 38.9%	13 31.0%	27 29.7%	15 23.8%
Heating or air conditioning equipment contractor/HVAC contractor/HVAC repairman	64 21.3%	2 10.5%	7 25.9%	9 16.7%	18 24.3%	17 24.6%	15 19.7%	49 21.9%	2 11.1%	9 22.0%	12 21.4%	17 26.6%	18 23.7%	6 13.3%	8 22.2%	11 26.2%	15 16.5%	19 30.2%
A friend or family member/myself	58 19.3%	6 31.6%	8 29.6%	10 18.5%	13 17.6%	10 14.5%	11 14.5%	47 21.0%	5 27.8%	8 19.5%	6 10.7%	13 20.3%	14 18.4%	12 26.7%	7 19.4%	7 16.7%	22 24.2%	8 12.7%
The Internet	39 13.0%	1 5.3%	4 14.8%	2 3.7%	12 16.2%	14 20.3%	16 21.1%	23 10.3%	0 0.0%	7 17.1%	12 21.4%	5 7.8%	9 11.8%	6 13.3%	3 8.3%	3 7.1%	16 17.6%	9 14.3%
A locally owned appliance/equipment dealer	17 5.7%	0 0.0%	0 0.0%	2 3.7%	4 5.4%	6 8.7%	4 5.3%	13 5.8%	1 5.6%	2 4.9%	4 7.1%	1 1.6%	7 9.2%	2 4.4%	1 2.8%	3 7.1%	6 6.6%	4 6.3%
Gas company	16 5.3%	3 15.8%	1 3.7%	3 5.6%	0 0.0%	4 5.8%	5 6.6%	11 4.9%	2 11.1%	0 0.0%	2 3.6%	4 6.3%	4 5.3%	4 8.9%	1 2.8%	1 2.4%	12 13.2%	2 3.2%
A national chain store that sells appliances, such as Lowe's, Home Depot, Sears, etc.	16 5.3%	2 10.5%	2 7.4%	2 3.7%	5 6.8%	1 1.4%	2 2.6%	14 6.3%	0 0.0%	1 2.4%	4 7.1%	6 9.4%	3 3.9%	2 4.4%	1 2.8%	1 2.4%	6 6.6%	1 1.6%
Phonebook/magazines/brochure s/various books/newspaper	12 4.0%	1 5.3%	0 0.0%	3 5.6%	4 5.4%	0 0.0%	3 3.9%	9 4.0%	0 0.0%	0 0.0%	1 1.8%	4 6.3%	5 6.6%	2 4.4%	0 0.0%	1 2.4%	1 1.1%	5 7.9%
Building contractor/general contractor/builder	11 3.7%	1 5.3%	3 11.1%	3 5.6%	0 0.0%	3 4.3%	1 1.3%	10 4.5%	2 11.1%	3 7.3%	2 3.6%	3 4.7%	0 0.0%	1 2.2%	2 5.6%	2 4.8%	1 1.1%	1 1.6%

(continued)

BREC End-Use and Energy Efficiency Survey (December 2007)

Table 13: Who do you typically go to for advice regarding issues or concerns you might have about energy efficiency, energy use, or heating and cooling products?

(continued)
All JPE respondents

	Income					Overall Satisfaction		Age of home					Primary heating source					
	Total	< \$15K	\$15K-\$25K	\$25K-\$40K	\$40-\$75K	> \$75K	Less than satis.	Satis.	<5 yrs	5-10	11-20	21-30	31-50	50+ yrs	Elec. furn.	HP/ geoth.	NG furn.	Prop. furn.
Unweighted Base	300	19	27	54	74	69	76	224	18	41	56	64	76	45	36	42	91	63
Base	300	19	27	54	74	69	76	224	18	41	56	64	76	45	36	42	91	63
Consumers Report	7 2.3%	1 5.3%	2 7.4%	0 0.0%	0 0.0%	2 2.9%	3 3.9%	4 1.8%	0 0.0%	1 2.4%	2 3.6%	1 1.6%	2 2.6%	1 2.2%	0 0.0%	1 2.4%	2 2.2%	3 4.8%
Window company	2 0.7%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	1 1.4%	0 0.0%	2 0.9%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	2 4.4% +++	0 0.0%	0 0.0%	1 1.1%	0 0.0%
Landlord/apartment supervisor	1 0.3%	0 0.0%	0 0.0%	0 0.0%	1 1.4%	0 0.0%	1 1.3%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	1 1.6%	0 0.0%	0 0.0%	1 2.8%	0 0.0%	0 0.0%	0 0.0%
Doug Rye	1 0.3%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	1 1.4%	1 1.3%	0 0.0%	1 5.6%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%
Article in newspaper by "Dudley"	1 0.3%	0 0.0%	0 0.0%	0 0.0%	1 1.4%	0 0.0%	0 0.0%	1 0.4%	0 0.0%	0 0.0%	0 0.0%	1 1.6%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%
Electrician	1 0.3%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	1 0.4%	0 0.0%	0 0.0%	0 0.0%	1 1.6%	0 0.0%	0 0.0%	1 2.8% +++	0 0.0%	0 0.0%	0 0.0%
Local non-chain lumber company	1 0.3%	0 0.0%	0 0.0%	1 1.9%	0 0.0%	0 0.0%	0 0.0%	1 0.4%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	1 1.3%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%
TVA	1 0.3%	0 0.0%	0 0.0%	0 0.0%	1 1.4%	0 0.0%	1 1.3%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	1 1.6%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	1 1.6%
Don't know	5 1.7%	0 0.0%	0 0.0%	1 1.9%	3 4.1%	1 1.4%	1 1.3%	4 1.8%	2 11.1%	0 0.0%	1 1.8%	0 0.0%	0 0.0%	2 4.4%	0 0.0%	2 4.8%	0 0.0%	2 3.2%

BREC End-Use and Energy Efficiency Survey (December 2007)

Table 14: On a scale of 1-10, with 10 being "very important" and 1 being "not important at all," what level of importance does your household place on saving energy dollars in your home?

All JPE respondents

	Gender		Financial burden of the electric bill			Number of people in the home					Length of time served by co-op					
	Total	Male	Female	Not too much	Some	Quite a bit	1	2	3	4	5+	<5 yrs.	5-10	11-15	16-25	>25 yrs.
Unweighted Base	300	141	159	156	108	34	41	162	45	35	15	23	38	36	62	141
Base	300	141	159	156	108	34	41	162	45	35	15	23	38	36	62	141
Less than important	119	75	44	63	45	11	16	61	24	15	3	12	17	15	26	49
	39.8%	53.2%	27.8%	40.6%	41.7%	32.4%	39.0%	37.9%	53.3%	42.9%	20.0%	54.5%	44.7%	41.7%	41.9%	34.8%
1—not important at all	2	2	0	2	0	0	1	0	1	0	0	0	0	0	1	1
	0.7%	1.4%	0.0%	1.3%	0.0%	0.0%	2.4%	0.0%	2.2%	0.0%	0.0%	0.0%	0.0%	0.0%	1.6%	0.7%
2	2	0	2	1	0	1	0	0	2	0	0	0	0	1	1	0
	0.7%	0.0%	1.3%	0.6%	0.0%	2.9%	0.0%	0.0%	4.4%	0.0%	0.0%	0.0%	0.0%	2.8%	1.6%	0.0%
5	13	8	5	9	4	0	1	5	4	3	0	2	2	2	2	5
	4.3%	5.7%	3.2%	5.8%	3.7%	0.0%	2.4%	3.1%	8.9%	8.6%	0.0%	9.1%	5.3%	5.6%	3.2%	3.5%
6	18	12	6	11	7	0	2	11	2	3	0	1	5	1	4	7
	6.0%	8.5%	3.8%	7.1%	6.5%	0.0%	4.9%	6.8%	4.4%	8.6%	0.0%	4.5%	13.2%	2.8%	6.5%	5.0%
7	23	18	5	11	10	2	3	12	5	1	2	3	2	3	6	9
	7.7%	12.8%	3.2%	7.1%	9.3%	5.9%	7.3%	7.5%	11.1%	2.9%	13.3%	13.6%	5.3%	8.3%	9.7%	6.4%
8	61	35	26	29	24	8	9	33	10	8	1	6	8	8	12	27
	20.4%	24.8%	16.5%	18.7%	22.2%	23.5%	22.0%	20.5%	22.2%	22.9%	6.7%	27.3%	21.1%	22.2%	19.4%	19.1%
Important	179	66	113	92	63	23	25	100	21	20	12	10	21	21	36	91
	59.9%	46.8%	71.5%	59.4%	58.3%	67.6%	61.0%	62.1%	46.7%	57.1%	80.0%	45.5%	55.3%	58.3%	58.1%	64.5%
9	37	14	23	23	10	4	5	18	6	5	3	1	5	4	7	20
	12.4%	9.9%	14.6%	14.8%	9.3%	11.8%	12.2%	11.2%	13.3%	14.3%	20.0%	4.5%	13.2%	11.1%	11.3%	14.2%

(continued)

BREC End-Use and Energy Efficiency Survey (December 2007)

Table 14: On a scale of 1-10, with 10 being "very important" and 1 being "not important at all," what level of importance does your household place on saving energy dollars in your home?

(continued)

All JPE respondents

	Gender		Financial burden of the electric bill			Number of people in the home					Length of time served by co-op					
	Total	Male	Female	Not too much	Some	Quite a bit	1	2	3	4	5+	<5 yrs.	5-10	11-15	16-25	>25 yrs.
Unweighted Base	300	141	159	156	108	34	41	162	45	35	15	23	38	36	62	141
Base	300	141	159	156	108	34	41	162	45	35	15	23	38	36	62	141
10—very important	142 47.5%	52 36.9%	90 57.0%	69 44.5%	53 49.1%	19 55.9%	20 48.8%	82 50.9%	15 33.3%	15 42.9%	9 60.0%	9 40.9%	16 42.1%	17 47.2%	29 46.8%	71 50.4%
Not applicable	1 0.3%	0 0.0%	1 0.6%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	1 0.7%
Don't know/refused	1 0.3%	0 0.0%	1 0.6%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	1 0.7%
No Response	1	0	1	1	0	0	0	1	0	0	0	1	0	0	0	0
Chi Square		27.85 .001		13.41 .643			30.90 .522					18.02 .978				

(continued)

BREC End-Use and Energy Efficiency Survey (December 2007)

Table 14: On a scale of 1-10, with 10 being "very important" and 1 being "not important at all," what level of importance does your household place on saving energy dollars in your home?

All JPE respondents

	Age						Type of home				Education				
	Total	18-34	35-44	45-54	55-64	65+	Single-story	Multi-story	Mobile	Other	<HS grad	HS grad	Some college	College grad	Post college
Unweighted Base	300	18	33	71	81	92	184	77	26	13	21	125	80	37	35
Base	300	18	33	71	81	92	184	77	26	13	21	125	80	37	35
<u>Less than important</u>	119	10	12	30	30	36	73	34	10	2	8	45	35	16	15
	39.8%	55.6%	36.4%	42.3%	37.0%	39.6%	39.9%	44.2%	38.5%	15.4%	38.1%	36.0%	43.8%	43.2%	44.1%
1—not important at all	2	0	1	0	0	1	1	1	0	0	0	1	0	0	1
	0.7%	0.0%	3.0%	0.0%	0.0%	1.1%	0.5%	1.3%	0.0%	0.0%	0.0%	0.8%	0.0%	0.0%	2.9%
			+												+
2	2	0	1	1	0	0	1	1	0	0	0	1	0	0	1
	0.7%	0.0%	3.0%	1.4%	0.0%	0.0%	0.5%	1.3%	0.0%	0.0%	0.0%	0.8%	0.0%	0.0%	2.9%
			+												+
5	13	2	1	2	2	5	8	5	0	0	0	6	2	2	3
	4.3%	11.1%	3.0%	2.8%	2.5%	5.5%	4.4%	6.5%	0.0%	0.0%	0.0%	4.8%	2.5%	5.4%	8.8%
6	18	3	0	7	2	6	10	6	2	0	4	5	6	1	2
	6.0%	16.7%	0.0%	9.9%	2.5%	6.6%	5.5%	7.8%	7.7%	0.0%	19.0%	4.0%	7.5%	2.7%	5.9%
7	23	1	6	5	5	6	14	6	3	0	1	10	6	4	2
	7.7%	5.6%	18.2%	7.0%	6.2%	6.6%	7.7%	7.8%	11.5%	0.0%	4.8%	8.0%	7.5%	10.8%	5.9%
			++												
8	61	4	3	15	21	18	39	15	5	2	3	22	21	9	6
	20.4%	22.2%	9.1%	21.1%	25.9%	19.8%	21.3%	19.5%	19.2%	15.4%	14.3%	17.6%	26.3%	24.3%	17.6%
			-												
<u>Important</u>	179	8	21	41	51	55	109	43	16	11	13	80	45	21	19
	59.9%	44.4%	63.6%	57.7%	63.0%	60.4%	59.6%	55.8%	61.5%	84.6%	61.9%	64.0%	56.3%	56.8%	55.9%
9	37	3	5	6	11	12	25	10	1	1	3	16	9	4	5
	12.4%	16.7%	15.2%	8.5%	13.6%	13.2%	13.7%	13.0%	3.8%	7.7%	14.3%	12.8%	11.3%	10.8%	14.7%

(continued)

BREC End-Use and Energy Efficiency Survey (December 2007)

Table 14: On a scale of 1-10, with 10 being "very important" and 1 being "not important at all," what level of importance does your household place on saving energy dollars in your home?

(continued)

All JPE respondents

	Age					Type of home				Education					
	Total	18-34	35-44	45-54	55-64	65+	Single-story	Multi-story	Mobile	Other	<HS grad	HS grad	Some college	College grad	Post college
Unweighted Base	300	18	33	71	81	92	184	77	26	13	21	125	80	37	35
Base	300	18	33	71	81	92	184	77	26	13	21	125	80	37	35
10—very important	142 47.5%	5 27.8%	16 48.5%	35 49.3%	40 49.4%	43 47.3%	84 45.9%	33 42.9%	15 57.7%	10 76.9%	10 47.6%	64 51.2%	36 45.0%	17 45.9%	14 41.2%
<u>Not applicable</u>	1 0.3%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	1 0.5%	0 0.0%							
Don't know/refused	1 0.3%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	1 0.5%	0 0.0%							
No Response	1	0	0	0	0	1	1	0	0	0	0	0	0	0	1
Chi Square				32.30 .452				13.26 .962					22.64 .889		

(continued)

BREC End-Use and Energy Efficiency Survey (December 2007)

Table 14: On a scale of 1-10, with 10 being "very important" and 1 being "not important at all," what level of importance does your household place on saving energy dollars in your home?

All JPE respondents

	Income					Overall Satisfaction		Age of home					Primary heating source					
	Total	< \$15K	\$15K-\$25K	\$25K-\$40K	\$40-\$75K	> \$75K	Less than satis.	Satis.	<5 yrs	5-10	11-20	21-30	31-50	50+ yrs	Elec. furn.	HP/ geoth.	NG furn.	Prop. furn.
Unweighted Base	300	19	27	54	74	69	76	224	18	41	56	64	76	45	36	42	91	63
Base	300	19	27	54	74	69	76	224	18	41	56	64	76	45	36	42	91	63
<u>Less than important</u>	119	7	9	18	31	32	32	87	6	18	26	23	29	17	12	18	40	23
	39.8%	36.8%	33.3%	33.3%	42.5%	46.4%	42.1%	39.0%	33.3%	43.9%	46.4%	35.9%	38.7%	37.8%	33.3%	42.9%	44.4%	36.5%
1—not important at all	2	0	0	0	1	1	1	1	0	0	1	0	1	0	0	1	1	0
	0.7%	0.0%	0.0%	0.0%	1.4%	1.4%	1.3%	0.4%	0.0%	0.0%	1.8%	0.0%	1.3%	0.0%	0.0%	2.4%	1.1%	0.0%
2	2	1	0	0	0	1	1	1	0	1	0	0	1	0	0	0	2	0
	0.7%	5.3%	0.0%	0.0%	0.0%	1.4%	1.3%	0.4%	0.0%	2.4%	0.0%	0.0%	1.3%	0.0%	0.0%	0.0%	2.2%	0.0%
																	++	
5	13	0	2	1	1	5	1	12	1	3	1	3	3	2	0	2	9	1
	4.3%	0.0%	7.4%	1.9%	1.4%	7.2%	1.3%	5.4%	5.6%	7.3%	1.8%	4.7%	4.0%	4.4%	0.0%	4.8%	10.0%	1.6%
																	+++	
6	18	3	1	2	4	4	5	13	1	3	3	5	1	5	5	2	5	1
	6.0%	15.8%	3.7%	3.7%	5.5%	5.8%	6.6%	5.8%	5.6%	7.3%	5.4%	7.8%	1.3%	11.1%	13.9%	4.8%	5.6%	1.6%
																		-
7	23	1	1	3	7	8	10	13	2	1	4	5	11	0	1	4	4	8
	7.7%	5.3%	3.7%	5.6%	9.6%	11.6%	13.2%	5.8%	11.1%	2.4%	7.1%	7.8%	14.7%	0.0%	2.8%	9.5%	4.4%	12.7%
							++	--					+++					+
8	61	2	5	12	18	13	14	47	2	10	17	10	12	10	6	9	19	13
	20.4%	10.5%	18.5%	22.2%	24.7%	18.8%	18.4%	21.1%	11.1%	24.4%	30.4%	15.6%	16.0%	22.2%	16.7%	21.4%	21.1%	20.6%
											++							
<u>Important</u>	179	12	18	36	42	37	44	135	12	23	30	41	46	27	24	24	49	40
	59.9%	63.2%	66.7%	66.7%	57.5%	53.6%	57.9%	60.5%	66.7%	56.1%	53.6%	64.1%	61.3%	60.0%	66.7%	57.1%	54.4%	63.5%

(continued)

BREC End-Use and Energy Efficiency Survey (December 2007)

Table 14: On a scale of 1-10, with 10 being "very important" and 1 being "not important at all," what level of importance does your household place on saving energy dollars in your home?

(continued)
All JPE respondents

	Income					Overall Satisfaction		Age of home					Primary heating source					
	Total	< \$15K	\$15K- \$25K	\$25K- \$40K	\$40- \$75K	> \$75K	Less than satis.	Satis.	<5 yrs	5-10	11-20	21-30	31-50	50+ yrs	Elec. furn.	HP/ geoth.	NG furn.	Prop. furn.
Unweighted Base	300	19	27	54	74	69	76	224	18	41	56	64	76	45	36	42	91	63
Base	300	19	27	54	74	69	76	224	18	41	56	64	76	45	36	42	91	63
9	37 12.4%	1 5.3%	4 14.8%	5 9.3%	11 15.1%	8 11.6%	11 14.5%	26 11.7%	0 0.0%	6 14.6%	5 8.9%	10 15.6%	12 16.0%	4 8.9%	5 13.9%	2 4.8%	10 11.1%	7 11.1%
10—very important	142 47.5%	11 57.9%	14 51.9%	31 57.4%	31 42.5%	29 42.0%	33 43.4%	109 48.9%	12 66.7%	17 41.5%	25 44.6%	31 48.4%	34 45.3%	23 51.1%	19 52.8%	22 52.4%	39 43.3%	33 52.4%
Not applicable	1 0.3%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	1 0.4%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	1 2.2%	0 0.0%	0 0.0%	1 1.1%	0 0.0%
Don't know/refused	1 0.3%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	1 0.4%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	1 2.2%	0 0.0%	0 0.0%	1 1.1%	0 0.0%
No Response	1	0	0	0	1	0	0	1	0	0	0	0	1	0	0	0	1	0
Chi Square				25.49 .786			8.69 .369				40.91 .430						28.24 .250	

BREC End-Use and Energy Efficiency Survey (December 2007)

Table 15: There are lots of ways in which people can reduce energy consumption in their homes. Please list for me all of the things you have done to make your home more energy-efficient or things that you actively do to conserve energy, if any.

All JPE respondents

	Gender		Financial burden of the electric bill			Number of people in the home					Length of time served by co-op					
	Total	Male	Female	Not too much	Some	Quite a bit	1	2	3	4	5+	<5 yrs.	5-10	11-15	16-25	>25 yrs.
Unweighted Base	300	141	159	156	108	34	41	162	45	35	15	23	38	36	62	141
Base	300	141	159	156	108	34	41	162	45	35	15	23	38	36	62	141
<u>Weatherizing, Sealing, and Insulating of Home</u>	194	98	96	102	69	23	26	111	23	22	12	13	20	30	42	89
	64.9%	69.5%	60.8%	65.4%	63.9%	67.6%	63.4%	68.9%	51.1%	62.9%	80.0%	56.5%	52.6%	83.3%	67.7%	63.6%
Added insulation to the home	134	77	57	75	41	18	16	79	16	15	8	6	9	25	23	71
	44.8%	54.6%	36.1%	48.1%	38.0%	52.9%	39.0%	49.1%	35.6%	42.9%	53.3%	26.1%	23.7%	69.4%	37.1%	50.7%
		+++	---		-								---	+++		+
Sealed doors and/or windows—caulking, weatherstripping, plastic film, threshold	84	40	44	43	36	5	13	43	13	11	4	6	13	11	22	32
	28.1%	28.4%	27.8%	27.6%	33.3%	14.7%	31.7%	26.7%	28.9%	31.4%	26.7%	26.1%	34.2%	30.6%	35.5%	22.9%
						-										-
Checked exterior of home for air leaks (dryer vents, water spigots, gas pipes, etc.)	14	6	8	9	2	3	2	9	2	1	0	0	3	2	2	7
	4.7%	4.3%	5.1%	5.8%	1.9%	8.8%	4.9%	5.6%	4.4%	2.9%	0.0%	0.0%	7.9%	5.6%	3.2%	5.0%
Added Masonite siding/new siding	8	2	6	2	1	5	3	4	0	0	1	0	0	0	1	7
	2.7%	1.4%	3.8%	1.3%	0.9%	14.7%	7.3%	2.5%	0.0%	0.0%	6.7%	0.0%	0.0%	0.0%	1.6%	5.0%
						+++	++									++
Plastic on windows	3	2	1	2	1	0	0	0	2	1	0	0	2	1	0	0
	1.0%	1.4%	0.6%	1.3%	0.9%	0.0%	0.0%	0.0%	4.4%	2.9%	0.0%	0.0%	5.3%	2.8%	0.0%	0.0%
									++				+++			
Placed foam gaskets behind outlets and switch plates	2	1	1	1	1	0	0	1	0	0	1	1	0	0	0	1
	0.7%	0.7%	0.6%	0.6%	0.9%	0.0%	0.0%	0.6%	0.0%	0.0%	6.7%	4.3%	0.0%	0.0%	0.0%	0.7%
Keep outside vents closed	1	1	0	1	0	0	1	0	0	0	0	0	0	0	0	1
	0.3%	0.7%	0.0%	0.6%	0.0%	0.0%	2.4%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.7%
							++									
Enclosed porch with windows	1	0	1	1	0	0	0	1	0	0	0	0	0	0	1	0
	0.3%	0.0%	0.6%	0.6%	0.0%	0.0%	0.0%	0.6%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	1.6%	0.0%
															+	

(continued)

BREC End-Use and Energy Efficiency Survey (December 2007)

Table 15: There are lots of ways in which people can reduce energy consumption in their homes. Please list for me all of the things you have done to make your home more energy-efficient or things that you actively do to conserve energy, if any.

(continued)

All JPE respondents

	Gender		Financial burden of the electric bill			Number of people in the home					Length of time served by co-op					
	Total	Male	Female	Not too much	Some	Quite a bit	1	2	3	4	5+	<5 yrs.	5-10	11-15	16-25	>25 yrs.
Unweighted Base	300	141	159	156	108	34	41	162	45	35	15	23	38	36	62	141
Base	300	141	159	156	108	34	41	162	45	35	15	23	38	36	62	141
Close crawl space in attic	1 0.3%	0 0.0%	1 0.6%	1 0.6%	0 0.0%	0 0.0%	1 2.4%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	1 4.3%	0 0.0%	0 0.0%	0 0.0%	0 0.0%
Added underpinning	1 0.3%	0 0.0%	1 0.6%	1 0.6%	0 0.0%	0 0.0%	0 0.0%	1 0.6%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	1 2.8%	0 0.0%	0 0.0%
<u>Thermostat and Heating & Cooling</u>	155 51.8%	65 46.1%	90 57.0%	87 55.8%	57 52.8%	11 32.4%	21 51.2%	80 49.7%	22 48.9%	21 60.0%	11 73.3%	13 56.5%	22 57.9%	20 55.6%	34 54.8%	66 47.1%
Keep thermostat set low in winter/high in summer and/or avoid early use of heat or air	76 25.4%	29 20.6%	47 29.7%	44 28.2%	26 24.1%	6 17.6%	10 24.4%	43 26.7%	9 20.0%	9 25.7%	5 33.3%	7 30.4%	8 21.1%	8 22.2%	18 29.0%	35 25.0%
Adjust thermostat when going on vacation/not home/at night	35 11.7%	14 9.9%	21 13.3%	18 11.5%	14 13.0%	3 8.8%	7 17.1%	20 12.4%	4 8.9%	2 5.7%	2 13.3%	3 13.0%	4 10.5%	4 11.1%	8 12.9%	16 11.4%
Close off heat & air to unused parts of the home/close doors to rooms not in use	16 5.4%	7 5.0%	9 5.7%	6 3.8%	10 9.3%	0 0.0%	1 2.4%	10 6.2%	3 6.7%	1 2.9%	1 6.7%	0 0.0%	1 2.6%	4 11.1%	3 4.8%	8 5.7%
Heat with wood	13 4.3%	8 5.7%	5 3.2%	7 4.5%	6 5.6%	0 0.0%	0 0.0%	9 5.6%	1 2.2%	2 5.7%	1 6.7%	0 0.0%	2 5.3%	2 5.6%	2 3.2%	7 5.0%
Put shades on windows/keep blinds closed/curtains on windows	12 4.0%	7 5.0%	5 3.2%	9 5.8%	2 1.9%	1 2.9%	1 2.4%	6 3.7%	3 6.7%	2 5.7%	0 0.0%	0 0.0%	3 7.9%	1 2.8%	4 6.5%	4 2.9%
Installed a programmable thermostat	9 3.0%	6 4.3%	3 1.9%	5 3.2%	4 3.7%	0 0.0%	0 0.0%	2 1.2%	1 2.2%	4 11.4%	2 13.3%	0 0.0%	3 7.9%	3 8.3%	2 3.2%	1 0.7%

(continued)

BREC End-Use and Energy Efficiency Survey (December 2007)

Table 15: There are lots of ways in which people can reduce energy consumption in their homes. Please list for me all of the things you have done to make your home more energy-efficient or things that you actively do to conserve energy, if any.

(continued)

All JPE respondents

	Gender		Financial burden of the electric bill			Number of people in the home					Length of time served by co-op					
	Total	Male	Female	Not too much	Some	Quite a bit	1	2	3	4	5+	<5 yrs.	5-10	11-15	16-25	>25 yrs.
Unweighted Base	300	141	159	156	108	34	41	162	45	35	15	23	38	36	62	141
Base	300	141	159	156	108	34	41	162	45	35	15	23	38	36	62	141
Keep thermostat steady	8 2.7%	2 1.4%	6 3.8%	5 3.2%	2 1.9%	1 2.9%	2 4.9%	2 1.2%	2 4.4%	2 5.7%	0 0.0%	2 8.7%	2 5.3%	0 0.0%	1 1.6%	3 2.1%
Change/clean furnace filters frequently	7 2.3%	3 2.1%	4 2.5%	3 1.9%	4 3.7%	0 0.0%	1 2.4%	4 2.5%	1 2.2%	1 2.9%	0 0.0%	2 8.7%	1 2.6%	1 2.8%	0 0.0%	3 2.1%
Use ceiling fans to circulate air	7 2.3%	1 0.7%	6 3.8%	3 1.9%	4 3.7%	0 0.0%	2 4.9%	5 3.1%	0 0.0%	0 0.0%	0 0.0%	1 4.3%	1 2.6%	1 2.8%	0 0.0%	4 2.9%
Space heater in basement/added space heaters	4 1.3%	3 2.1%	1 0.6%	3 1.9%	1 0.9%	0 0.0%	1 2.4%	0 0.0%	2 4.4%	1 2.9%	0 0.0%	0 0.0%	1 2.6%	0 0.0%	0 0.0%	3 2.1%
Have heating/cooling system inspected regularly	2 0.7%	0 0.0%	2 1.3%	0 0.0%	2 1.9%	0 0.0%	0 0.0%	2 1.2%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	2 1.4%
Use fireplace/gas fireplace/gas logs	2 0.7%	1 0.7%	1 0.6%	2 1.3%	0 0.0%	0 0.0%	1 2.4%	0 0.0%	1 2.2%	0 0.0%	0 0.0%	0 0.0%	1 2.6%	0 0.0%	0 0.0%	1 0.7%
Use AC sparingly	1 0.3%	0 0.0%	1 0.6%	0 0.0%	0 0.0%	1 2.9%	0 0.0%	1 0.6%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	1 2.8%	0 0.0%	0 0.0%
Use a whole-house attic fan	1 0.3%	1 0.7%	0 0.0%	0 0.0%	1 0.9%	0 0.0%	0 0.0%	1 0.6%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	1 1.6%	0 0.0%
Planted trees to provide shade	1 0.3%	1 0.7%	0 0.0%	0 0.0%	1 0.9%	0 0.0%	0 0.0%	1 0.6%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	1 0.7%

(continued)

BREC End-Use and Energy Efficiency Survey (December 2007)

Table 15: There are lots of ways in which people can reduce energy consumption in their homes. Please list for me all of the things you have done to make your home more energy-efficient or things that you actively do to conserve energy, if any.

(continued)

All JPE respondents

	Gender		Financial burden of the electric bill			Number of people in the home					Length of time served by co-op					
	Total	Male	Female	Not too much	Some	Quite a bit	1	2	3	4	5+	<5 yrs.	5-10	11-15	16-25	>25 yrs.
Unweighted Base	300	141	159	156	108	34	41	162	45	35	15	23	38	36	62	141
Base	300	141	159	156	108	34	41	162	45	35	15	23	38	36	62	141
Zoned heating	1 0.3%	0 0.0%	1 0.6%	0 0.0%	1 0.9%	0 0.0%	0 0.0%	0 0.0%	1 2.2%	0 0.0%	0 0.0%	1 4.3%	0 0.0%	0 0.0%	0 0.0%	0 0.0%
<u>Purchases of Energy-Efficient Appliances/Products</u>	150 50.2%	69 48.9%	81 51.3%	88 56.4%	47 43.5%	15 44.1%	16 39.0%	87 54.0%	23 51.1%	17 48.6%	7 46.7%	11 47.8%	15 39.5%	19 52.8%	27 43.5%	78 55.7%
Replaced windows with more energy-efficient ones	110 36.8%	46 32.6%	64 40.5%	70 44.9%	30 27.8%	10 29.4%	9 22.0%	69 42.9%	16 35.6%	11 31.4%	5 33.3%	8 34.8%	11 28.9%	12 33.3%	22 35.5%	57 40.7%
Replaced heating system with more energy-efficient one	17 5.7%	7 5.0%	10 6.3%	11 7.1%	5 4.6%	1 2.9%	1 2.4%	12 7.5%	1 2.2%	1 2.9%	2 13.3%	1 4.3%	0 0.0%	5 13.9%	4 6.5%	7 5.0%
Replaced other appliances with more energy-efficient ones/energy star appliances	16 5.4%	7 5.0%	9 5.7%	12 7.7%	2 1.9%	2 5.9%	1 2.4%	6 3.7%	1 2.2%	7 20.0%	1 6.7%	1 4.3%	4 10.5%	4 11.1%	3 4.8%	4 2.9%
Replaced doors/ventilated doors/storm doors	15 5.0%	6 4.3%	9 5.7%	11 7.1%	2 1.9%	2 5.9%	2 4.9%	11 6.8%	1 2.2%	1 2.9%	0 0.0%	0 0.0%	0 0.0%	2 5.6%	4 6.5%	9 6.4%
New roof	10 3.3%	6 4.3%	4 2.5%	5 3.2%	4 3.7%	1 2.9%	0 0.0%	9 5.6%	1 2.2%	0 0.0%	0 0.0%	0 0.0%	1 2.6%	2 5.6%	1 1.6%	6 4.3%
Replaced air conditioning system with more energy-efficient one	8 2.7%	3 2.1%	5 3.2%	5 3.2%	2 1.9%	1 2.9%	1 2.4%	5 3.1%	1 2.2%	0 0.0%	1 6.7%	1 4.3%	0 0.0%	3 8.3%	0 0.0%	4 2.9%
Carpet/new floor/replaced floors	2 0.7%	1 0.7%	1 0.6%	1 0.6%	1 0.9%	0 0.0%	2 4.9%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	1 2.8%	1 1.6%	0 0.0%

(continued)

BREC End-Use and Energy Efficiency Survey (December 2007)

Table 15: There are lots of ways in which people can reduce energy consumption in their homes. Please list for me all of the things you have done to make your home more energy-efficient or things that you actively do to conserve energy, if any.

(continued)

All JPE respondents

	Gender		Financial burden of the electric bill			Number of people in the home					Length of time served by co-op					
	Total	Male	Female	Not too much	Some	Quite a bit	1	2	3	4	5+	<5 yrs.	5-10	11-15	16-25	>25 yrs.
Unweighted Base	300	141	159	156	108	34	41	162	45	35	15	23	38	36	62	141
Base	300	141	159	156	108	34	41	162	45	35	15	23	38	36	62	141
Added storm doors or window	36	19	17	12	20	4	7	18	8	1	2	3	0	3	4	26
	12.0%	13.5%	10.8%	7.7%	18.5%	11.8%	17.1%	11.2%	17.8%	2.9%	13.3%	13.0%	0.0%	8.3%	6.5%	18.6%
				--	+++					-						+++
Lighting	110	46	64	67	35	8	18	45	21	17	9	13	19	14	25	39
	36.8%	32.6%	40.5%	42.9%	32.4%	23.5%	43.9%	28.0%	46.7%	48.6%	60.0%	56.5%	50.0%	38.9%	40.3%	27.9%
				++	-								+			--
Turn the lights off when leaving the room	79	32	47	50	22	7	14	30	14	13	8	8	11	10	21	29
	26.4%	22.7%	29.7%	32.1%	20.4%	20.6%	34.1%	18.6%	31.1%	37.1%	53.3%	34.8%	28.9%	27.8%	33.9%	20.7%
				++	-											--
Use compact fluorescent light bulbs/energy-efficient bulbs	51	23	28	30	19	2	9	20	10	8	4	8	13	5	10	15
	17.1%	16.3%	17.7%	19.2%	17.6%	5.9%	22.0%	12.4%	22.2%	22.9%	26.7%	34.8%	34.2%	13.9%	16.1%	10.7%
													+++			---
Outside lights on timer	1	0	1	1	0	0	0	0	0	1	0	0	0	0	1	0
	0.3%	0.0%	0.6%	0.6%	0.0%	0.0%	0.0%	0.0%	0.0%	2.9%	0.0%	0.0%	0.0%	0.0%	1.6%	0.0%
										+++					+	
Water Heating and Water-Related Measures	40	10	30	20	16	4	9	16	5	4	6	2	2	4	9	23
	13.4%	7.1%	19.0%	12.8%	14.8%	11.8%	22.0%	9.9%	11.1%	11.4%	40.0%	8.7%	5.3%	11.1%	14.5%	16.4%
			+++				+	-								
Keep water heater set at a medium to low temperature/shut off when not home	11	2	9	6	3	2	2	3	3	0	3	0	1	1	3	6
	3.7%	1.4%	5.7%	3.8%	2.8%	5.9%	4.9%	1.9%	6.7%	0.0%	20.0%	0.0%	2.6%	2.8%	4.8%	4.3%
		--	++													
Run the washing machine only when have full loads/at off-peak hours	10	1	9	5	5	0	3	5	1	0	1	0	1	1	2	6
	3.3%	0.7%	5.7%	3.2%	4.6%	0.0%	7.3%	3.1%	2.2%	0.0%	6.7%	0.0%	2.6%	2.8%	3.2%	4.3%
		--	++													

(continued)

BREC End-Use and Energy Efficiency Survey (December 2007)

Table 15: There are lots of ways in which people can reduce energy consumption in their homes. Please list for me all of the things you have done to make your home more energy-efficient or things that you actively do to conserve energy, if any.

(continued)

All JPE respondents

	Gender		Financial burden of the electric bill			Number of people in the home					Length of time served by co-op					
	Total	Male	Female	Not too much	Some	Quite a bit	1	2	3	4	5+	<5 yrs.	5-10	11-15	16-25	>25 yrs.
Unweighted Base	300	141	159	156	108	34	41	162	45	35	15	23	38	36	62	141
Base	300	141	159	156	108	34	41	162	45	35	15	23	38	36	62	141
Use cold water in the washing machine (or use hot water infrequently)	10 3.3%	4 2.8%	6 3.8%	3 1.9%	6 5.6%	1 2.9%	1 2.4%	5 3.1%	2 4.4%	1 2.9%	1 6.7%	1 4.3%	1 2.6%	0 0.0%	2 3.2%	6 4.3%
Run the dishwasher only when it's full/at off-peak hours	7 2.3%	1 0.7%	6 3.8%	2 1.3%	4 3.7%	1 2.9%	2 4.9%	3 1.9%	2 4.4%	0 0.0%	0 0.0%	1 4.3%	1 2.6%	1 2.8%	1 1.6%	3 2.1%
Dry clothes on a line or partially dry them on a line/don't use dryer	6 2.0%	3 2.1%	3 1.9%	3 1.9%	3 2.8%	0 0.0%	0 0.0%	4 2.5%	1 2.2%	1 2.9%	0 0.0%	1 4.3%	1 2.6%	1 2.8%	1 1.6%	2 1.4%
Take showers not baths/shorter showers	5 1.7%	0 0.0%	5 3.2%	2 1.3%	3 2.8%	0 0.0%	3 7.3%	0 0.0%	1 2.2%	1 2.9%	0 0.0%	1 4.3%	0 0.0%	1 2.8%	0 0.0%	3 2.1%
Don't leave water running/conserve water	5 1.7%	1 0.7%	4 2.5%	3 1.9%	2 1.9%	0 0.0%	1 2.4%	2 1.2%	1 2.2%	0 0.0%	1 6.7%	1 4.3%	0 0.0%	1 2.8%	0 0.0%	3 2.1%
Installed a water heater blanket/wrap	2 0.7%	1 0.7%	1 0.6%	1 0.6%	1 0.9%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	1 2.9%	1 6.7%	0 0.0%	0 0.0%	0 0.0%	1 1.6%	1 0.7%
Installed a water-saving showerhead to reduce hot water use	1 0.3%	0 0.0%	1 0.6%	1 0.6%	0 0.0%	0 0.0%	1 2.4%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	1 0.7%
Fixed leaky faucets	1 0.3%	0 0.0%	1 0.6%	0 0.0%	1 0.9%	0 0.0%	0 0.0%	1 0.6%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	1 0.7%

(continued)

BREC End-Use and Energy Efficiency Survey (December 2007)

Table 15: There are lots of ways in which people can reduce energy consumption in their homes. Please list for me all of the things you have done to make your home more energy-efficient or things that you actively do to conserve energy, if any.

(continued)

All JPE respondents

	Gender		Financial burden of the electric bill			Number of people in the home					Length of time served by co-op					
	Total	Male	Female	Not too much	Some	Quite a bit	1	2	3	4	5+	<5 yrs.	5-10	11-15	16-25	>25 yrs.
Unweighted Base	300	141	159	156	108	34	41	162	45	35	15	23	38	36	62	141
Base	300	141	159	156	108	34	41	162	45	35	15	23	38	36	62	141
Other	37	14	23	19	14	4	5	20	5	7	0	4	6	0	9	18
	12.4%	9.9%	14.6%	12.2%	13.0%	11.8%	12.2%	12.4%	11.1%	20.0%	0.0%	17.4%	15.8%	0.0%	14.5%	12.9%
Keep outside doors closed/windows closed	20	8	12	9	9	2	3	13	3	1	0	2	3	0	4	11
	6.7%	5.7%	7.6%	5.8%	8.3%	5.9%	7.3%	8.1%	6.7%	2.9%	0.0%	8.7%	7.9%	0.0%	6.5%	7.9%
Unplug appliances when not in use	13	3	10	8	3	2	2	5	1	5	0	1	3	0	5	4
	4.3%	2.1%	6.3%	5.1%	2.8%	5.9%	4.9%	3.1%	2.2%	14.3%	0.0%	4.3%	7.9%	0.0%	8.1%	2.9%
		-	+							+++						
Cook outside/cook things that don't take long/use grill	2	1	1	1	1	0	0	1	0	1	0	1	0	0	0	1
	0.7%	0.7%	0.6%	0.6%	0.9%	0.0%	0.0%	0.6%	0.0%	2.9%	0.0%	4.3%	0.0%	0.0%	0.0%	0.7%
										+						
Built home in the ground	2	2	0	1	1	0	0	1	1	0	0	0	0	0	0	2
	0.7%	1.4%	0.0%	0.6%	0.9%	0.0%	0.0%	0.6%	2.2%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	1.4%
Turn off computer/TV/electronics when not using	1	0	1	1	0	0	0	1	0	0	0	0	0	0	0	1
	0.3%	0.0%	0.6%	0.6%	0.0%	0.0%	0.0%	0.6%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.7%
Nothing	16	7	9	6	6	3	4	7	2	1	0	1	4	1	3	7
	5.4%	5.0%	5.7%	3.8%	5.6%	8.8%	9.8%	4.3%	4.4%	2.9%	0.0%	4.3%	10.5%	2.8%	4.8%	5.0%
Nothing	16	7	9	6	6	3	4	7	2	1	0	1	4	1	3	7
	5.4%	5.0%	5.7%	3.8%	5.6%	8.8%	9.8%	4.3%	4.4%	2.9%	0.0%	4.3%	10.5%	2.8%	4.8%	5.0%
No Response	1	0	1	0	0	0	0	1	0	0	0	0	0	0	0	1

(continued)

BREC End-Use and Energy Efficiency Survey (December 2007)

Table 15: There are lots of ways in which people can reduce energy consumption in their homes. Please list for me all of the things you have done to make your home more energy-efficient or things that you actively do to conserve energy, if any.

All JPE respondents

	Age					Type of home				Education					
	Total	18-34	35-44	45-54	55-64	65+	Single-story	Multi-story	Mobile	Other	<HS grad	HS grad	Some college	College grad	Post college
Unweighted Base	300	18	33	71	81	92	184	77	26	13	21	125	80	37	35
Base	300	18	33	71	81	92	184	77	26	13	21	125	80	37	35
<u>Weatherizing, Sealing, and Insulating of Home</u>	194	10	20	49	59	53	122	49	16	7	10	81	54	23	25
	64.9%	55.6%	60.6%	69.0%	73.8%	57.6%	66.3%	63.6%	64.0%	53.8%	50.0%	64.8%	67.5%	62.2%	71.4%
Added insulation to the home	134	7	14	28	40	42	86	39	6	3	10	52	35	15	21
	44.8%	38.9%	42.4%	39.4%	50.0%	45.7%	46.7%	50.6%	24.0%	23.1%	50.0%	41.6%	43.8%	40.5%	60.0%
Sealed doors and/or windows—caulking, weatherstripping, plastic film, threshold	84	4	7	29	25	19	53	15	11	5	1	36	27	14	6
	28.1%	22.2%	21.2%	40.8%	31.3%	20.7%	28.8%	19.5%	44.0%	38.5%	5.0%	28.8%	33.8%	37.8%	17.1%
Checked exterior of home for air leaks (dryer vents, water spigots, gas pipes, etc.)	14	0	2	3	6	3	6	3	3	2	0	10	1	2	1
	4.7%	0.0%	6.1%	4.2%	7.5%	3.3%	3.3%	3.9%	12.0%	15.4%	0.0%	8.0%	1.3%	5.4%	2.9%
Added Masonite siding/new siding	8	0	0	1	4	2	2	6	0	0	2	2	1	2	0
	2.7%	0.0%	0.0%	1.4%	5.0%	2.2%	1.1%	7.8%	0.0%	0.0%	10.0%	1.6%	1.3%	5.4%	0.0%
Plastic on windows	3	1	0	1	0	1	2	0	1	0	0	1	1	1	0
	1.0%	5.6%	0.0%	1.4%	0.0%	1.1%	1.1%	0.0%	4.0%	0.0%	0.0%	0.8%	1.3%	2.7%	0.0%
Placed foam gaskets behind outlets and switch plates	2	0	0	0	2	0	1	1	0	0	0	1	1	0	0
	0.7%	0.0%	0.0%	0.0%	2.5%	0.0%	0.5%	1.3%	0.0%	0.0%	0.0%	0.8%	1.3%	0.0%	0.0%
Keep outside vents closed	1	0	0	0	0	1	1	0	0	0	0	1	0	0	0
	0.3%	0.0%	0.0%	0.0%	0.0%	1.1%	0.5%	0.0%	0.0%	0.0%	0.0%	0.8%	0.0%	0.0%	0.0%
Enclosed porch with windows	1	0	0	1	0	0	1	0	0	0	0	0	1	0	0
	0.3%	0.0%	0.0%	1.4%	0.0%	0.0%	0.5%	0.0%	0.0%	0.0%	0.0%	0.0%	1.3%	0.0%	0.0%

(continued)

BREC End-Use and Energy Efficiency Survey (December 2007)

Table 15: There are lots of ways in which people can reduce energy consumption in their homes. Please list for me all of the things you have done to make your home more energy-efficient or things that you actively do to conserve energy, if any.

(continued)

All JPE respondents

	Age					Type of home				Education					
	Total	18-34	35-44	45-54	55-64	65+	Single-story	Multi-story	Mobile	Other	<HS grad	HS grad	Some college	College grad	Post college
Unweighted Base	300	18	33	71	81	92	184	77	26	13	21	125	80	37	35
Base	300	18	33	71	81	92	184	77	26	13	21	125	80	37	35
Close crawl space in attic	1 0.3%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	1 1.1%	1 0.5%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	1 2.9% +++
Added underpinning	1 0.3%	0 0.0%	0 0.0%	0 0.0%	1 1.3% +	0 0.0%	0 0.0%	0 0.0%	1 4.0%	0 0.0%	0 0.0%	1 0.8%	0 0.0%	0 0.0%	0 0.0%
<u>Thermostat and Heating & Cooling</u>	155 51.8%	13 72.2%	21 63.6%	41 57.7%	49 61.3%	30 32.6%	89 48.4%	46 59.7%	12 48.0%	8 61.5%	3 15.0%	56 44.8%	49 61.3%	23 62.2%	24 68.6%
Keep thermostat set low in winter/high in summer and/or avoid early use of heat or air	76 25.4%	4 22.2%	10 30.3%	23 32.4%	26 32.5% ++	13 14.1% —	47 25.5%	22 28.6%	5 20.0%	2 15.4%	1 5.0%	28 22.4%	27 33.8%	12 32.4%	8 22.9%
Adjust thermostat when going on vacation/not home/at night	35 11.7%	3 16.7%	2 6.1%	7 9.9%	12 15.0% +	11 12.0% ---	21 11.4%	9 11.7%	2 8.0%	3 23.1%	1 5.0%	13 10.4%	10 12.5%	4 10.8%	7 20.0%
Close off heat & air to unused parts of the home/close doors to rooms not in use	16 5.4%	0 0.0%	1 3.0%	6 8.5%	5 6.3%	3 3.3%	8 4.3%	4 5.2%	3 12.0%	1 7.7%	1 5.0%	7 5.6%	3 3.8%	3 8.1%	2 5.7%
Heat with wood	13 4.3%	1 5.6%	1 3.0%	4 5.6%	4 5.0%	3 3.3%	9 4.9%	2 2.6%	0 0.0%	2 15.4%	0 0.0%	7 5.6%	3 3.8%	2 5.4%	1 2.9%
Put shades on windows/keep blinds closed/curtains on windows	12 4.0%	0 0.0%	1 3.0%	5 7.0%	3 3.8%	3 3.3%	5 2.7%	3 3.9%	4 16.0%	0 0.0%	1 5.0%	3 2.4%	5 6.3%	2 5.4%	1 2.9%
Installed a programmable thermostat	9 3.0%	2 11.1%	2 6.1%	2 2.8%	3 3.8%	0 0.0%	4 2.2%	4 5.2%	1 4.0%	0 0.0%	0 0.0%	1 0.8%	1 1.3%	4 10.8%	3 8.6% +++ ++

(continued)

BREC End-Use and Energy Efficiency Survey (December 2007)

Table 15: There are lots of ways in which people can reduce energy consumption in their homes. Please list for me all of the things you have done to make your home more energy-efficient or things that you actively do to conserve energy, if any.

(continued)

All JPE respondents

	Total	Age					Type of home				Education				
		18-34	35-44	45-54	55-64	65+	Single-story	Multi-story	Mobile	Other	<HS grad	HS grad	Some college	College grad	Post college
Unweighted Base	300	18	33	71	81	92	184	77	26	13	21	125	80	37	35
Base	300	18	33	71	81	92	184	77	26	13	21	125	80	37	35
Keep thermostat steady	8 2.7%	2 11.1%	2 6.1%	1 1.4%	3 3.8%	0 0.0%	4 2.2%	3 3.9%	0 0.0%	1 7.7%	0 0.0%	3 2.4%	2 2.5%	0 0.0%	3 8.6%
															++
Change/clean furnace filters frequently	7 2.3%	1 5.6%	1 3.0%	2 2.8%	3 3.8%	0 0.0%	4 2.2%	2 2.6%	0 0.0%	1 7.7%	0 0.0%	1 0.8%	4 5.0%	0 0.0%	2 5.7%
															+
Use ceiling fans to circulate air	7 2.3%	0 0.0%	1 3.0%	1 1.4%	3 3.8%	2 2.2%	2 1.1%	3 3.9%	2 8.0%	0 0.0%	0 0.0%	1 0.8%	3 3.8%	0 0.0%	3 8.6%
															+++
Space heater in basement/added space heaters	4 1.3%	1 5.6%	1 3.0%	0 0.0%	1 1.3%	1 1.1%	2 1.1%	2 2.6%	0 0.0%	0 0.0%	1 5.0%	0 0.0%	1 1.3%	0 0.0%	2 5.7%
															++
Have heating/cooling system inspected regularly	2 0.7%	0 0.0%	0 0.0%	1 1.4%	1 1.3%	0 0.0%	0 0.0%	2 2.6%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	1 1.3%	0 0.0%	1 2.9%
															+
Use fireplace/gas fireplace/gas logs	2 0.7%	1 5.6%	0 0.0%	0 0.0%	1 1.3%	0 0.0%	1 0.5%	1 1.3%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	2 5.4%	0 0.0%
															+++
Use AC sparingly	1 0.3%	0 0.0%	0 0.0%	0 0.0%	1 1.3%	0 0.0%	1 0.5%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	1 0.8%	0 0.0%	0 0.0%	0 0.0%
															+
Use a whole-house attic fan	1 0.3%	0 0.0%	0 0.0%	1 1.4%	0 0.0%	0 0.0%	1 0.5%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	1 2.7%	0 0.0%
															+++
Planted trees to provide shade	1 0.3%	0 0.0%	0 0.0%	1 1.4%	0 0.0%	0 0.0%	1 0.5%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	1 2.9%
															+++

(continued)

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Table 15: There are lots of ways in which people can reduce energy consumption in their homes. Please list for me all of the things you have done to make your home more energy-efficient or things that you actively do to conserve energy, if any.

(continued)
All JPE respondents

	Age						Type of home				Education				
	Total	18-34	35-44	45-54	55-64	65+	Single-story	Multi-story	Mobile	Other	<HS grad	HS grad	Some college	College grad	Post college
Unweighted Base	300	18	33	71	81	92	184	77	26	13	21	125	80	37	35
Base	300	18	33	71	81	92	184	77	26	13	21	125	80	37	35
Zoned heating	1 0.3%	0 0.0%	1 3.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	1 1.3%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	1 1.3%	0 0.0%	0 0.0%
			+++					+					+		
<u>Purchases of Energy-Efficient Appliances/Products</u>	150 50.2%	5 27.8%	17 51.5%	33 46.5%	42 52.5%	51 55.4%	93 50.5%	45 58.4%	10 40.0%	2 15.4%	13 65.0%	56 44.8%	39 48.8%	19 51.4%	22 62.9%
Replaced windows with more energy-efficient ones	110 36.8%	4 22.2%	11 33.3%	22 31.0%	34 42.5%	37 40.2%	63 34.2%	39 50.6%	7 28.0%	1 7.7%	8 40.0%	43 34.4%	26 32.5%	14 37.8%	18 51.4%
								+++							+
Replaced heating system with more energy-efficient one	17 5.7%	0 0.0%	3 9.1%	1 1.4%	6 7.5%	7 7.6%	13 7.1%	4 5.2%	0 0.0%	0 0.0%	2 10.0%	5 4.0%	6 7.5%	3 8.1%	1 2.9%
Replaced other appliances with more energy-efficient ones/energy star appliances	16 5.4%	1 5.6%	7 21.2%	1 1.4%	3 3.8%	4 4.3%	11 6.0%	4 5.2%	1 4.0%	0 0.0%	0 0.0%	2 1.6%	6 7.5%	6 16.2%	2 5.7%
			+++	-								--		+++	
Replaced doors/ventilated doors/storm doors	15 5.0%	0 0.0%	0 0.0%	4 5.6%	3 3.8%	8 8.7%	8 4.3%	7 9.1%	0 0.0%	0 0.0%	2 10.0%	6 4.8%	3 3.8%	3 8.1%	1 2.9%
						+		+							
New roof	10 3.3%	0 0.0%	0 0.0%	4 5.6%	3 3.8%	3 3.3%	8 4.3%	2 2.6%	0 0.0%	0 0.0%	2 10.0%	3 2.4%	3 3.8%	1 2.7%	1 2.9%
Replaced air conditioning system with more energy-efficient one	8 2.7%	0 0.0%	1 3.0%	0 0.0%	5 6.3%	2 2.2%	6 3.3%	2 2.6%	0 0.0%	0 0.0%	0 0.0%	3 2.4%	3 3.8%	2 5.4%	0 0.0%
					++										
Carpet/new floor/replaced floors	2 0.7%	0 0.0%	0 0.0%	1 1.4%	1 1.3%	0 0.0%	2 1.1%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	2 2.5%	0 0.0%	0 0.0%
													++		

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BREC End-Use and Energy Efficiency Survey (December 2007)

Table 15: There are lots of ways in which people can reduce energy consumption in their homes. Please list for me all of the things you have done to make your home more energy-efficient or things that you actively do to conserve energy, if any.

(continued)
All JPE respondents

	Age						Type of home				Education				
	Total	18-34	35-44	45-54	55-64	65+	Single-story	Multi-story	Mobile	Other	<HS grad	HS grad	Some college	College grad	Post college
Unweighted Base	300	18	33	71	81	92	184	77	26	13	21	125	80	37	35
Base	300	18	33	71	81	92	184	77	26	13	21	125	80	37	35
Added storm doors or window	36 12.0%	0 0.0%	2 6.1%	10 14.1%	10 12.5%	13 14.1%	27 14.7%	6 7.8%	2 8.0%	1 7.7%	6 30.0%	12 9.6%	11 13.8%	4 10.8%	3 8.6%
Lighting	110 36.8%	13 72.2%	23 69.7%	27 38.0%	23 28.8%	24 26.1%	66 35.9%	31 40.3%	8 32.0%	5 38.5%	4 20.0%	46 36.8%	32 40.0%	12 32.4%	16 45.7%
Turn the lights off when leaving the room	79 26.4%	9 50.0%	19 57.6%	20 28.2%	16 20.0%	15 16.3%	47 25.5%	23 29.9%	4 16.0%	5 38.5%	3 15.0%	31 24.8%	20 25.0%	12 32.4%	13 37.1%
Use compact fluorescent light bulbs/energy-efficient bulbs	51 17.1%	8 44.4%	9 27.3%	13 18.3%	10 12.5%	11 12.0%	28 15.2%	17 22.1%	4 16.0%	2 15.4%	2 10.0%	19 15.2%	19 23.8%	5 13.5%	6 17.1%
Outside lights on timer	1 0.3%	0 0.0%	1 3.0%	0 0.0%	0 0.0%	0 0.0%	1 0.5%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	1 1.3%	0 0.0%	0 0.0%
Water Heating and Water-Related Measures	40 13.4%	1 5.6%	6 18.2%	11 15.5%	11 13.8%	11 12.0%	23 12.5%	10 13.0%	4 16.0%	3 23.1%	2 10.0%	15 12.0%	14 17.5%	4 10.8%	5 14.3%
Keep water heater set at a medium to low temperature/shut off when not home	11 3.7%	0 0.0%	1 3.0%	7 9.9%	1 1.3%	2 2.2%	4 2.2%	4 5.2%	1 4.0%	2 15.4%	0 0.0%	6 4.8%	4 5.0%	0 0.0%	1 2.9%
Run the washing machine only when have full loads/at off-peak hours	10 3.3%	1 5.6%	1 3.0%	1 1.4%	4 5.0%	3 3.3%	7 3.8%	2 2.6%	0 0.0%	1 7.7%	1 5.0%	2 1.6%	5 6.3%	0 0.0%	2 5.7%
Use cold water in the washing machine (or use hot water infrequently)	10 3.3%	0 0.0%	1 3.0%	2 2.8%	1 1.3%	6 6.5%	6 3.3%	2 2.6%	1 4.0%	1 7.7%	1 5.0%	5 4.0%	3 3.8%	0 0.0%	1 2.9%

(continued)

BREC End-Use and Energy Efficiency Survey (December 2007)

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(continued)

All JPE respondents

	Total	Age					Type of home				Education				
		18-34	35-44	45-54	55-64	65+	Single-story	Multi-story	Mobile	Other	<HS grad	HS grad	Some college	College grad	Post college
Unweighted Base	300	18	33	71	81	92	184	77	26	13	21	125	80	37	35
Base	300	18	33	71	81	92	184	77	26	13	21	125	80	37	35
Run the dishwasher only when it's full/at off-peak hours	7 2.3%	0 0.0%	2 6.1%	1 1.4%	2 2.5%	2 2.2%	2 1.1%	2 2.6%	2 8.0%	1 7.7%	0 0.0%	2 1.6%	3 3.8%	0 0.0%	2 5.7%
Dry clothes on a line or partially dry them on a line/don't use dryer	6 2.0%	0 0.0%	2 6.1%	0 0.0%	3 3.8%	1 1.1%	3 1.6%	2 2.6%	1 4.0%	0 0.0%	0 0.0%	4 3.2%	1 1.3%	1 2.7%	0 0.0%
Take showers not baths/shorter showers	5 1.7%	0 0.0%	1 3.0%	1 1.4%	3 3.8%	0 0.0%	1 0.5%	3 3.9%	0 0.0%	1 7.7%	0 0.0%	0 0.0%	2 2.5%	2 5.4%	1 2.9%
Don't leave water running/conserve water	5 1.7%	0 0.0%	2 6.1%	0 0.0%	1 1.3%	2 2.2%	2 1.1%	3 3.9%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	3 3.8%	1 2.7%	1 2.9%
Installed a water heater blanket/wrap	2 0.7%	0 0.0%	1 3.0%	1 1.4%	0 0.0%	0 0.0%	2 1.1%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	2 2.5%	0 0.0%	0 0.0%
Installed a water-saving showerhead to reduce hot water use	1 0.3%	0 0.0%	0 0.0%	0 0.0%	1 1.3%	0 0.0%	1 0.5%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	1 1.3%	0 0.0%	0 0.0%
Fixed leaky faucets	1 0.3%	0 0.0%	0 0.0%	1 1.4%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	1 4.0%	0 0.0%	0 0.0%	0 0.0%	1 1.3%	0 0.0%	0 0.0%
Other	37 12.4%	3 16.7%	6 18.2%	10 14.1%	4 5.0%	13 14.1%	18 9.8%	12 15.6%	4 16.0%	3 23.1%	2 10.0%	13 10.4%	14 17.5%	4 10.8%	4 11.4%
Keep outside doors closed/windows closed	20 6.7%	0 0.0%	3 9.1%	5 7.0%	4 5.0%	7 7.6%	8 4.3%	9 11.7%	3 12.0%	0 0.0%	2 10.0%	4 3.2%	11 13.8%	2 5.4%	1 2.9%

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BREC End-Use and Energy Efficiency Survey (December 2007)

Table 15: There are lots of ways in which people can reduce energy consumption in their homes. Please list for me all of the things you have done to make your home more energy-efficient or things that you actively do to conserve energy, if any.

(continued)

All JPE respondents

	Total	Age					Type of home				Education				
		18-34	35-44	45-54	55-64	65+	Single-story	Multi-story	Mobile	Other	<HS grad	HS grad	Some college	College grad	Post college
Unweighted Base	300	18	33	71	81	92	184	77	26	13	21	125	80	37	35
Base	300	18	33	71	81	92	184	77	26	13	21	125	80	37	35
Unplug appliances when not in use	13 4.3%	3 16.7%	2 6.1%	4 5.6%	0 0.0%	4 4.3%	7 3.8%	3 3.9%	0 0.0%	3 23.1%	0 0.0%	6 4.8%	2 2.5%	2 5.4%	3 8.6%
Cook outside/cook things that don't take long/use grill	2 0.7%	0 0.0%	1 3.0%	0 0.0%	0 0.0%	1 1.1%	1 0.5%	0 0.0%	1 4.0%	0 0.0%	0 0.0%	2 1.6%	0 0.0%	0 0.0%	0 0.0%
Built home in the ground	2 0.7%	0 0.0%	0 0.0%	1 1.4%	0 0.0%	1 1.1%	2 1.1%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	1 0.8%	1 1.3%	0 0.0%	0 0.0%
Turn off computer/TV/electronics when not using	1 0.3%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	1 1.1%	0 0.0%	1 1.3%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	1 2.9%
Nothing	16 5.4%	0 0.0%	1 3.0%	3 4.2%	3 3.8%	8 8.7%	10 5.4%	4 5.2%	1 4.0%	1 7.7%	1 5.0%	6 4.8%	3 3.8%	3 8.1%	2 5.7%
Nothing	16 5.4%	0 0.0%	1 3.0%	3 4.2%	3 3.8%	8 8.7%	10 5.4%	4 5.2%	1 4.0%	1 7.7%	1 5.0%	6 4.8%	3 3.8%	3 8.1%	2 5.7%
No Response	1	0	0	0	1	0	0	0	1	0	1	0	0	0	0

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BREC End-Use and Energy Efficiency Survey (December 2007)

Table 15: There are lots of ways in which people can reduce energy consumption in their homes. Please list for me all of the things you have done to make your home more energy-efficient or things that you actively do to conserve energy, if any.

All JPE respondents

	Total	Income					Overall Satisfaction		Age of home						Primary heating source			
		< \$15K	\$15K-\$25K	\$25K-\$40K	\$40-\$75K	> \$75K	Less than satis.	Satis.	<5 yrs	5-10	11-20	21-30	31-50	50+ yrs	Elec. furn.	HP/ geoth.	NG furn.	Prop. furn.
Unweighted Base	300	19	27	54	74	69	76	224	18	41	56	64	76	45	36	42	91	63
Base	300	19	27	54	74	69	76	224	18	41	56	64	76	45	36	42	91	63
<u>Weatherizing, Sealing, and Insulating of Home</u>	194	12	15	39	47	46	47	147	9	29	33	45	47	31	22	27	55	44
	64.9%	63.2%	55.6%	72.2%	63.5%	66.7%	61.8%	65.9%	50.0%	70.7%	60.0%	70.3%	61.8%	68.9%	61.1%	64.3%	60.4%	69.8%
Added insulation to the home	134	10	12	27	25	36	31	103	8	16	23	28	36	23	7	21	40	33
	44.8%	52.6%	44.4%	50.0%	33.8%	52.2%	40.8%	46.2%	44.4%	39.0%	41.8%	43.8%	47.4%	51.1%	19.4%	50.0%	44.0%	52.4%
Sealed doors and/or windows—caulking, weatherstripping, plastic film, threshold	84	4	5	17	28	16	25	59	4	14	11	20	21	14	17	9	22	17
	28.1%	21.1%	18.5%	31.5%	37.8%	23.2%	32.9%	26.5%	22.2%	34.1%	20.0%	31.3%	27.6%	31.1%	47.2%	21.4%	24.2%	27.0%
Checked exterior of home for air leaks (dryer vents, water spigots, gas pipes, etc.)	14	0	3	4	1	3	2	12	0	2	7	3	1	1	5	1	4	2
	4.7%	0.0%	11.1%	7.4%	1.4%	4.3%	2.6%	5.4%	0.0%	4.9%	12.7%	4.7%	1.3%	2.2%	13.9%	2.4%	4.4%	3.2%
Added Masonite siding/new siding	8	1	1	4	0	0	0	8	0	0	0	1	4	3	0	4	2	1
	2.7%	5.3%	3.7%	7.4%	0.0%	0.0%	0.0%	3.6%	0.0%	0.0%	0.0%	1.6%	5.3%	6.7%	0.0%	9.5%	2.2%	1.6%
Plastic on windows	3	0	0	0	2	1	1	2	0	1	1	1	0	0	1	0	0	0
	1.0%	0.0%	0.0%	0.0%	2.7%	1.4%	1.3%	0.9%	0.0%	2.4%	1.8%	1.6%	0.0%	0.0%	2.8%	0.0%	0.0%	0.0%
Placed foam gaskets behind outlets and switch plates	2	0	0	0	2	0	1	1	0	1	1	0	0	0	0	0	1	0
	0.7%	0.0%	0.0%	0.0%	2.7%	0.0%	1.3%	0.4%	0.0%	2.4%	1.8%	0.0%	0.0%	0.0%	0.0%	0.0%	1.1%	0.0%
Keep outside vents closed	1	0	0	0	0	1	0	1	0	0	0	0	1	0	0	0	0	0
	0.3%	0.0%	0.0%	0.0%	0.0%	1.4%	0.0%	0.4%	0.0%	0.0%	0.0%	0.0%	1.3%	0.0%	0.0%	0.0%	0.0%	0.0%

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BREC End-Use and Energy Efficiency Survey (December 2007)

Table 15: There are lots of ways in which people can reduce energy consumption in their homes. Please list for me all of the things you have done to make your home more energy-efficient or things that you actively do to conserve energy, if any.

(continued)

All JPE respondents

	Total	Income					Overall Satisfaction		Age of home						Primary heating source			
		< \$15K	\$15K-\$25K	\$25K-\$40K	\$40-\$75K	> \$75K	Less than satis.	Satis.	<5 yrs	5-10	11-20	21-30	31-50	50+ yrs	Elec. furn.	HP/ geoth.	NG furn.	Prop. furn.
Unweighted Base	300	19	27	54	74	69	76	224	18	41	56	64	76	45	36	42	91	63
Base	300	19	27	54	74	69	76	224	18	41	56	64	76	45	36	42	91	63
Enclosed porch with windows	1 0.3%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	1 0.4%	0 0.0%	1 2.4%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	1 1.6%
Close crawl space in attic	1 0.3%	0 0.0%	1 3.7%	0 0.0%	0 0.0%	0 0.0%	1 1.3%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	1 2.2%	0 0.0%	0 0.0%	0 0.0%	1 1.6%
Added underpinning	1 0.3%	0 0.0%	0 0.0%	0 0.0%	1 1.4%	0 0.0%	0 0.0%	1 0.4%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	1 1.3%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	1 1.6%
<u>Thermostat and Heating & Cooling</u>	155 51.8%	4 21.1%	16 59.3%	25 46.3%	46 62.2%	43 62.3%	46 60.5%	109 48.9%	11 61.1%	20 48.8%	33 60.0%	33 51.6%	40 52.6%	18 40.0%	19 52.8%	20 47.6%	51 56.0%	34 54.0%
Keep thermostat set low in winter/high in summer and/or avoid early use of heat or air	76 25.4%	2 10.5%	7 25.9%	12 22.2%	21 28.4%	22 31.9%	21 27.6%	55 24.7%	8 44.4%	6 14.6%	18 32.7%	15 23.4%	22 28.9%	7 15.6%	8 22.2%	10 23.8%	28 30.8%	12 19.0%
Adjust thermostat when going on vacation/not home/at night	35 11.7%	1 5.3%	4 14.8%	7 13.0%	11 14.9%	5 7.2%	12 15.8%	23 10.3%	1 5.6%	4 9.8%	5 9.1%	8 12.5%	9 11.8%	8 17.8%	5 13.9%	5 11.9%	13 14.3%	9 14.3%
Close off heat & air to unused parts of the home/close doors to rooms not in use	16 5.4%	1 5.3%	3 11.1%	2 3.7%	5 6.8%	3 4.3%	4 5.3%	12 5.4%	0 0.0%	4 9.8%	3 5.5%	5 7.8%	4 5.3%	0 0.0%	2 5.6%	3 7.1%	5 5.5%	2 3.2%
Heat with wood	13 4.3%	0 0.0%	1 3.7%	3 5.6%	4 5.4%	4 5.8%	5 6.6%	8 3.6%	0 0.0%	0 0.0%	2 3.6%	4 6.3%	4 5.3%	3 6.7%	1 2.8%	2 4.8%	2 2.2%	4 6.3%

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Unweighted Base	300	19	27	54	74	69	76	224	18	41	56	64	76	45	36	42	91	63
Base	300	19	27	54	74	69	76	224	18	41	56	64	76	45	36	42	91	63
Put shades on windows/keep blinds closed/curtains on windows	12 4.0%	0 0.0%	1 3.7%	2 3.7%	5 6.8%	3 4.3%	2 2.6%	10 4.5%	1 5.6%	2 4.9%	2 3.6%	1 1.6%	4 5.3%	2 4.4%	1 2.8%	3 7.1%	6 6.6%	0 0.0%
Installed a programmable thermostat	9 3.0%	0 0.0%	0 0.0%	2 3.7%	2 2.7%	5 7.2%	3 3.9%	6 2.7%	0 0.0%	3 7.3%	2 3.6%	1 1.6%	2 2.6%	1 2.2%	1 2.8%	2 4.8%	1 1.1%	3 4.8%
Keep thermostat steady	8 2.7%	0 0.0%	1 3.7%	1 1.9%	3 4.1%	2 2.9%	3 3.9%	5 2.2%	0 0.0%	2 4.9%	4 7.3%	1 1.6%	0 0.0%	1 2.2%	2 5.6%	0 0.0%	2 2.2%	4 6.3%
Change/clean furnace filters frequently	7 2.3%	1 5.3%	0 0.0%	3 5.6%	2 2.7%	1 1.4%	4 5.3%	3 1.3%	3 16.7%	1 2.4%	0 0.0%	1 1.6%	1 1.3%	1 2.2%	2 5.6%	0 0.0%	4 4.4%	1 1.6%
Use ceiling fans to circulate air	7 2.3%	1 5.3%	1 3.7%	1 1.9%	1 1.4%	2 2.9%	3 3.9%	4 1.8%	1 5.6%	1 2.4%	2 3.6%	0 0.0%	2 2.6%	1 2.2%	2 5.6%	0 0.0%	4 4.4%	0 0.0%
Space heater in basement/added space heaters	4 1.3%	0 0.0%	0 0.0%	0 0.0%	1 1.4%	2 2.9%	0 0.0%	4 1.8%	0 0.0%	1 2.4%	1 1.8%	0 0.0%	1 1.3%	1 2.2%	0 0.0%	0 0.0%	2 2.2%	2 3.2%
Have heating/cooling system inspected regularly	2 0.7%	0 0.0%	0 0.0%	0 0.0%	1 1.4%	1 1.4%	0 0.0%	2 0.9%	0 0.0%	1 2.4%	0 0.0%	1 1.6%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	2 2.2%	0 0.0%
Use fireplace/gas fireplace/gas logs	2 0.7%	0 0.0%	0 0.0%	1 1.9%	1 1.4%	0 0.0%	1 1.3%	1 0.4%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	1 1.3%	1 2.2%	0 0.0%	1 2.4%	0 0.0%	1 1.6%

(continued)

BREC End-Use and Energy Efficiency Survey (December 2007)

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(continued)

All JPE respondents

	Income					Overall Satisfaction		Age of home					Primary heating source					
	Total	< \$15K	\$15K-\$25K	\$25K-\$40K	\$40-\$75K	> \$75K	Less than satis.	Satis.	<5 yrs	5-10	11-20	21-30	31-50	50+ yrs	Elec. furn.	HP/ geoth.	NG furn.	Prop. furn.
Unweighted Base	300	19	27	54	74	69	76	224	18	41	56	64	76	45	36	42	91	63
Base	300	19	27	54	74	69	76	224	18	41	56	64	76	45	36	42	91	63
Use AC sparingly	1 0.3%	0 0.0%	1 3.7%	0 0.0%	0 0.0%	0 0.0%	1 1.3%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	1 2.2%	1 2.8%	0 0.0%	0 0.0%	0 0.0%
Use a whole-house attic fan	1 0.3%	0 0.0%	0 0.0%	0 0.0%	1 1.4%	0 0.0%	1 1.3%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	1 1.3%	0 0.0%	0 0.0%	0 0.0%	1 1.1%	0 0.0%
Planted trees to provide shade	1 0.3%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	1 1.4%	1 1.3%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	1 2.2%	0 0.0%	0 0.0%	1 1.1%	0 0.0%
Zoned heating	1 0.3%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	1 1.4%	1 1.3%	0 0.0%	1 5.6%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	1 1.1%	0 0.0%
Purchases of Energy-Efficient Appliances/Products	150 50.2%	9 47.4%	11 40.7%	26 48.1%	37 50.0%	35 50.7%	38 50.0%	112 50.2%	9 50.0%	17 41.5%	14 25.5%	31 48.4%	48 63.2%	31 68.9%	9 25.0%	18 42.9%	47 51.6%	42 66.7%
Replaced windows with more energy-efficient ones	110 36.8%	7 36.8%	9 33.3%	17 31.5%	26 35.1%	26 37.7%	24 31.6%	86 38.6%	7 38.9%	15 36.6%	11 20.0%	21 32.8%	32 42.1%	24 53.3%	6 16.7%	15 35.7%	35 38.5%	33 52.4%
Replaced heating system with more energy-efficient one	17 5.7%	0 0.0%	3 11.1%	3 5.6%	4 5.4%	5 7.2%	6 7.9%	11 4.9%	0 0.0%	2 4.9%	1 1.8%	4 6.3%	7 9.2%	3 6.7%	1 2.8%	3 7.1%	6 6.6%	5 7.9%
Replaced other appliances with more energy-efficient ones/energy star appliances	16 5.4%	0 0.0%	2 7.4%	4 7.4%	4 5.4%	5 7.2%	8 10.5%	8 3.6%	2 11.1%	0 0.0%	2 3.6%	4 6.3%	5 6.6%	3 6.7%	1 2.8%	3 7.1%	4 4.4%	4 6.3%

(continued)

BREC End-Use and Energy Efficiency Survey (December 2007)

Table 15: There are lots of ways in which people can reduce energy consumption in their homes. Please list for me all of the things you have done to make your home more energy-efficient or things that you actively do to conserve energy, if any.

(continued)

All JPE respondents

	Total	Income					Overall Satisfaction		Age of home						Primary heating source			
		< \$15K	\$15K-\$25K	\$25K-\$40K	\$40-\$75K	> \$75K	Less than satis.	Satis.	<5 yrs	5-10	11-20	21-30	31-50	50+ yrs	Elec. furn.	HP/ geoth.	NG furn.	Prop. furn.
Unweighted Base	300	19	27	54	74	69	76	224	18	41	56	64	76	45	36	42	91	63
Base	300	19	27	54	74	69	76	224	18	41	56	64	76	45	36	42	91	63
Replaced doors/ventilated doors/storm doors	15 5.0%	1 5.3%	2 7.4%	3 5.6%	0 0.0%	3 4.3%	5 6.6%	10 4.5%	0 0.0%	2 4.9%	2 3.6%	5 7.8%	2 2.6%	4 8.9%	1 2.8%	3 7.1%	4 4.4%	4 6.3%
New roof	10 3.3%	0 0.0%	1 3.7%	2 3.7%	2 2.7%	1 1.4%	5 6.6%	5 2.2%	0 0.0%	0 0.0%	0 0.0%	2 3.1%	5 6.6%	3 6.7%	1 2.8%	0 0.0%	5 5.5%	1 1.6%
Replaced air conditioning system with more energy-efficient one	8 2.7%	0 0.0%	2 7.4%	1 1.9%	3 4.1%	1 1.4%	4 5.3%	4 1.8%	0 0.0%	0 0.0%	0 0.0%	3 4.7%	4 5.3%	1 2.2%	1 2.8%	0 0.0%	3 3.3%	3 4.8%
Carpet/new floor/replaced floors	2 0.7%	0 0.0%	0 0.0%	2 3.7%	0 0.0%	0 0.0%	0 0.0%	2 0.9%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	2 4.4%	0 0.0%	0 0.0%	2 2.2%	0 0.0%
Added storm doors or window	36 12.0%	3 15.8%	2 7.4%	6 11.1%	12 16.2%	5 7.2%	9 11.8%	27 12.1%	0 0.0%	2 4.9%	2 3.6%	9 14.1%	16 21.1%	7 15.6%	2 5.6%	2 4.8%	13 14.3%	9 14.3%
Lighting	110 36.8%	3 15.8%	10 37.0%	22 40.7%	28 37.8%	34 49.3%	38 50.0%	72 32.3%	9 50.0%	22 53.7%	22 40.0%	18 28.1%	23 30.3%	16 35.6%	20 55.6%	19 45.2%	30 33.0%	15 23.8%
Turn the lights off when leaving the room	79 26.4%	1 5.3%	6 22.2%	16 29.6%	22 29.7%	25 36.2%	27 35.5%	52 23.3%	9 50.0%	9 22.0%	20 36.4%	11 17.2%	18 23.7%	12 26.7%	14 38.9%	14 33.3%	23 25.3%	11 17.5%
Use compact fluorescent light bulbs/energy-efficient bulbs	51 17.1%	3 15.8%	6 22.2%	9 16.7%	13 17.6%	15 21.7%	18 23.7%	33 14.8%	3 16.7%	15 36.6%	7 12.7%	10 15.6%	9 11.8%	7 15.6%	10 27.8%	7 16.7%	14 15.4%	8 12.7%

(continued)

BREC End-Use and Energy Efficiency Survey (December 2007)

Table 15: There are lots of ways in which people can reduce energy consumption in their homes. Please list for me all of the things you have done to make your home more energy-efficient or things that you actively do to conserve energy, if any.

(continued)

All JPE respondents

	Total	Income					Overall Satisfaction		Age of home						Primary heating source				
		< \$15K	\$15K-\$25K	\$25K-\$40K	\$40-\$75K	> \$75K	Less than satis.	Satis.	<5 yrs	5-10	11-20	21-30	31-50	50+ yrs	Elec. furn.	HP/ geoth.	NG furn.	Prop. furn.	
Unweighted Base	300	19	27	54	74	69	76	224	18	41	56	64	76	45	36	42	91	63	
Base	300	19	27	54	74	69	76	224	18	41	56	64	76	45	36	42	91	63	
Outside lights on timer	1 0.3%	0 0.0%	0 0.0%	0 0.0%	1 1.4%	0 0.0%	0 0.0%	1 0.4%	0 0.0%	1 2.4%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	1 1.6%
Water Heating and Water-Related Measures	40 13.4%	4 21.1%	5 18.5%	10 18.5%	9 12.2%	6 8.7%	8 10.5%	32 14.3%	4 22.2%	5 12.2%	5 9.1%	7 10.9%	10 13.2%	9 20.0%	9 25.0%	7 16.7%	12 13.2%	5 7.9%	
Keep water heater set at a medium to low temperature/shut off when not home	11 3.7%	1 5.3%	0 0.0%	2 3.7%	4 5.4%	1 1.4%	1 1.3%	10 4.5%	1 5.6%	1 2.4%	0 0.0%	4 6.3%	3 3.9%	2 4.4%	4 11.1%	2 4.8%	3 3.3%	1 1.6%	
Run the washing machine only when have full loads/at off-peak hours	10 3.3%	1 5.3%	2 7.4%	2 3.7%	1 1.4%	3 4.3%	3 3.9%	7 3.1%	1 5.6%	2 4.9%	2 3.6%	0 0.0%	3 3.9%	2 4.4%	2 5.6%	1 2.4%	4 4.4%	0 0.0%	
Use cold water in the washing machine (or use hot water infrequently)	10 3.3%	2 10.5%	1 3.7%	1 1.9%	3 4.1%	1 1.4%	1 1.3%	9 4.0%	1 5.6%	1 2.4%	0 0.0%	3 4.7%	4 5.3%	1 2.2%	2 5.6%	0 0.0%	5 5.5%	1 1.6%	
Run the dishwasher only when it's full/at off-peak hours	7 2.3%	2 10.5%	1 3.7%	0 0.0%	1 1.4%	3 4.3%	3 3.9%	4 1.8%	2 11.1%	2 4.9%	1 1.8%	0 0.0%	0 0.0%	2 4.4%	4 11.1%	0 0.0%	2 2.2%	1 1.6%	
Dry clothes on a line or partially dry them on a line/don't use dryer	6 2.0%	0 0.0%	0 0.0%	2 3.7%	1 1.4%	1 1.4%	3 3.9%	3 1.3%	0 0.0%	1 2.4%	0 0.0%	1 1.6%	3 3.9%	1 2.2%	1 2.8%	0 0.0%	2 2.2%	1 1.6%	
Take showers not baths/shorter showers	5 1.7%	1 5.3%	0 0.0%	3 5.6%	0 0.0%	1 1.4%	1 1.3%	4 1.8%	2 11.1%	1 2.4%	0 0.0%	0 0.0%	0 0.0%	2 4.4%	1 2.8%	2 4.8%	2 2.2%	0 0.0%	

(continued)

BREC End-Use and Energy Efficiency Survey (December 2007)

Table 15: There are lots of ways in which people can reduce energy consumption in their homes. Please list for me all of the things you have done to make your home more energy-efficient or things that you actively do to conserve energy, if any.

(continued)

All JPE respondents

	Income					Overall Satisfaction		Age of home						Primary heating source				
	Total	<	\$15K-	\$25K-	\$40-	>	Less than satis.	Satis.	<5 yrs	5-10	11-20	21-30	31-50	50+ yrs	Elec. furn.	HP/ geoth.	NG furn.	Prop. furn.
		\$15K	\$25K	\$40K	\$75K	\$75K												
Unweighted Base	300	19	27	54	74	69	76	224	18	41	56	64	76	45	36	42	91	63
Base	300	19	27	54	74	69	76	224	18	41	56	64	76	45	36	42	91	63
Don't leave water running/conserves water	5 1.7%	1 5.3%	0 0.0%	0 0.0%	2 2.7%	1 1.4%	2 2.6%	3 1.3%	1 5.6%	0 0.0%	0 0.0%	0 0.0%	3 3.9%	1 2.2%	0 0.0%	0 0.0%	3 3.3%	1 1.6%
Installed a water heater blanket/wrap	2 0.7%	0 0.0%	0 0.0%	1 1.9%	1 1.4%	0 0.0%	0 0.0%	2 0.9%	1 5.6%	0 0.0%	0 0.0%	1 1.6%	0 0.0%	0 0.0%	0 0.0%	2 4.8%	0 0.0%	0 0.0%
Installed a water-saving showerhead to reduce hot water use	1 0.3%	0 0.0%	1 3.7%	0 0.0%	0 0.0%	0 0.0%	1 1.3%	0 0.0%	0 0.0%	0 0.0%	1 1.8%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%
Fixed leaky faucets	1 0.3%	0 0.0%	0 0.0%	1 1.9%	0 0.0%	0 0.0%	0 0.0%	1 0.4%	0 0.0%	0 0.0%	1 1.8%	0 0.0%	0 0.0%	0 0.0%	1 2.8%	0 0.0%	0 0.0%	0 0.0%
Other	37 12.4%	1 5.3%	5 18.5%	4 7.4%	8 10.8%	10 14.5%	9 11.8%	28 12.6%	2 11.1%	6 14.6%	9 16.4%	7 10.9%	10 13.2%	3 6.7%	7 19.4%	4 9.5%	12 13.2%	6 9.5%
Keep outside doors closed/windows closed	20 6.7%	1 5.3%	1 3.7%	3 5.6%	6 8.1%	5 7.2%	4 5.3%	16 7.2%	1 5.6%	4 9.8%	4 7.3%	4 6.3%	6 7.9%	1 2.2%	1 2.8%	2 4.8%	9 9.9%	3 4.8%
Unplug appliances when not in use	13 4.3%	0 0.0%	2 7.4%	0 0.0%	2 2.7%	5 7.2%	5 6.6%	8 3.6%	1 5.6%	1 2.4%	3 5.5%	2 3.1%	4 5.3%	2 4.4%	5 13.9%	2 4.8%	2 2.2%	2 3.2%
Cook outside/cook things that don't take long/use grill	2 0.7%	0 0.0%	1 3.7%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	2 0.9%	0 0.0%	1 2.4%	1 1.8%	0 0.0%	0 0.0%	0 0.0%	1 2.8%	0 0.0%	1 1.1%	0 0.0%

(continued)

BREC End-Use and Energy Efficiency Survey (December 2007)

Table 15: There are lots of ways in which people can reduce energy consumption in their homes. Please list for me all of the things you have done to make your home more energy-efficient or things that you actively do to conserve energy, if any.

(continued)

All JPE respondents

	Income					Overall Satisfaction		Age of home						Primary heating source				
	Total	< \$15K	\$15K-\$25K	\$25K-\$40K	\$40-\$75K	> \$75K	Less than satis.	Satis.	<5 yrs	5-10	11-20	21-30	31-50	50+ yrs	Elec. furn.	HP/ geoth.	NG furn.	Prop. furn.
Unweighted Base	300	19	27	54	74	69	76	224	18	41	56	64	76	45	36	42	91	63
Base	300	19	27	54	74	69	76	224	18	41	56	64	76	45	36	42	91	63
Built home in the ground	2 0.7%	0 0.0%	1 3.7%	1 1.9%	0 0.0%	0 0.0%	0 0.0%	2 0.9%	0 0.0%	0 0.0%	1 1.8%	1 1.6%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	1 1.6%
Turn off computer/TV/electronics when not using	1 0.3%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	1 1.4%	0 0.0%	1 0.4%	0 0.0%	1 2.4%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	1 2.8%	0 0.0%	0 0.0%	0 0.0%
Nothing	16 5.4%	2 10.5%	0 0.0%	4 7.4%	2 2.7%	4 5.8%	3 3.9%	13 5.8%	1 5.6%	2 4.9%	3 5.5%	4 6.3%	2 2.6%	4 8.9%	2 5.6%	2 4.8%	8 8.8%	3 4.8%
Nothing	16 5.4%	2 10.5%	0 0.0%	4 7.4%	2 2.7%	4 5.8%	3 3.9%	13 5.8%	1 5.6%	2 4.9%	3 5.5%	4 6.3%	2 2.6%	4 8.9%	2 5.6%	2 4.8%	8 8.8%	3 4.8%
No Response	1	0	0	0	0	0	0	1	0	0	1	0	0	0	0	0	0	0

BREC End-Use and Energy Efficiency Survey (December 2007)

Table 16: If you were replacing a light bulb in your home, what type of bulb would you most likely use?

All JPE respondents

	Total	Gender		Financial burden of the electric bill			Number of people in the home					Length of time served by co-op				
		Male	Female	Not too much	Some	Quite a bit	1	2	3	4	5+	<5 yrs.	5-10	11-15	16-25	>25 yrs.
Unweighted Base	300	141	159	156	108	34	41	162	45	35	15	23	38	36	62	141
Base	300	141	159	156	108	34	41	162	45	35	15	23	38	36	62	141
A standard incandescent light bulb	106 35.3%	51 36.2%	55 34.6%	58 37.2%	34 31.5%	13 38.2%	13 31.7%	56 34.6%	15 33.3%	11 31.4%	9 60.0%	6 26.1%	12 31.6%	13 36.1%	25 40.3%	50 35.5%
A compact fluorescent light bulb, or CFL (curly-Q shaped bulb)	189 63.0%	87 61.7%	102 64.2%	96 61.5%	72 66.7%	20 58.8%	28 68.3%	103 63.6%	30 66.7%	22 62.9%	6 40.0%	17 73.9%	25 65.8%	23 63.9%	36 58.1%	88 62.4%
LED	1 0.3%	0 0.0%	1 0.6%	0 0.0%	1 0.9%	0 0.0%	0 0.0%	1 0.6%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	1 0.7%
Halogen	1 0.3%	1 0.7%	0 0.0%	1 0.6%	0 0.0%	0 0.0%	0 0.0%	1 0.6%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	1 0.7%
Don't know	3 1.0%	2 1.4%	1 0.6%	1 0.6%	1 0.9%	1 2.9%	0 0.0%	1 0.6%	0 0.0%	2 5.7% +++	0 0.0%	0 0.0%	1 2.6%	0 0.0%	1 1.6%	1 0.7%
Chi Square			2.60 .626		5.21 .735			15.16 .513					6.09 .987			

(continued)

BREC End-Use and Energy Efficiency Survey (December 2007)

Table 16: If you were replacing a light bulb in your home, what type of bulb would you most likely use?

All JPE respondents

	Total	Age					Type of home				Education				
		18-34	35-44	45-54	55-64	65+	Single-story	Multi-story	Mobile	Other	<HS grad	HS grad	Some college	College grad	Post college
Unweighted Base	300	18	33	71	81	92	184	77	26	13	21	125	80	37	35
Base	300	18	33	71	81	92	184	77	26	13	21	125	80	37	35
A standard incandescent light bulb	106 35.3%	5 27.8%	14 42.4%	25 35.2%	20 24.7%	40 43.5%	67 36.4%	24 31.2%	10 38.5%	5 38.5%	9 42.9%	51 40.8%	26 32.5%	8 21.6%	10 28.6%
A compact fluorescent light bulb, or CFL (curly-Q shaped bulb)	189 63.0%	13 72.2%	17 51.5%	44 62.0%	61 75.3%	52 56.5%	114 62.0%	51 66.2%	16 61.5%	8 61.5%	12 57.1%	73 58.4%	53 66.3%	29 78.4%	22 62.9%
LED	1 0.3%	0 0.0%	0 0.0%	1 1.4%	0 0.0%	0 0.0%	1 0.5%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	1 2.9%
Halogen	1 0.3%	0 0.0%	0 0.0%	1 1.4%	0 0.0%	0 0.0%	0 0.0%	1 1.3%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	1 1.3%	0 0.0%	0 0.0%
Don't know	3 1.0%	0 0.0%	2 6.1%	0 0.0%	0 0.0%	0 0.0%	2 1.1%	1 1.3%	0 0.0%	0 0.0%	0 0.0%	1 0.8%	0 0.0%	0 0.0%	2 5.7%
Chi Square				30.76 .014				4.72 .967					25.45 .062		

(continued)

BREC End-Use and Energy Efficiency Survey (December 2007)

Table 16: If you were replacing a light bulb in your home, what type of bulb would you most likely use?

All JPE respondents

	Total	Income					Overall Satisfaction		Age of home						Primary heating source			
		< \$15K	\$15K-\$25K	\$25K-\$40K	\$40-\$75K	> \$75K	Less than satis.	Satis.	<5 yrs	5-10	11-20	21-30	31-50	50+ yrs	Elec. furn.	HP/ geoth.	NG furn.	Prop. furn.
Unweighted Base	300	19	27	54	74	69	76	224	18	41	56	64	76	45	36	42	91	63
Base	300	19	27	54	74	69	76	224	18	41	56	64	76	45	36	42	91	63
A standard incandescent light bulb	106 35.3%	7 36.8%	8 29.6%	23 42.6%	26 35.1%	20 29.0%	23 30.3%	83 37.1%	7 38.9%	10 24.4%	21 37.5%	20 31.3%	32 42.1%	16 35.6%	11 30.6%	13 31.0%	32 35.2%	27 42.9%
A compact fluorescent light bulb, or CFL (curly-Q shaped bulb)	189 63.0%	12 63.2%	19 70.4%	31 57.4%	47 63.5%	47 68.1%	50 65.8%	139 62.1%	10 55.6%	31 75.6%	34 60.7%	43 67.2%	42 55.3%	29 64.4%	25 69.4%	29 69.0%	58 63.7%	36 57.1%
LED	1 0.3%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	1 1.3%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	1 1.3%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%
Halogen	1 0.3%	0 0.0%	0 0.0%	0 0.0%	1 1.4%	0 0.0%	1 1.3%	0 0.0%	0 0.0%	0 0.0%	1 1.8%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%
Don't know	3 1.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	2 2.9%	1 1.3%	2 0.9%	1 5.6%	0 0.0%	0 0.0%	1 1.6%	1 1.3%	0 0.0%	0 0.0%	0 0.0%	1 1.1%	0 0.0%
Chi Square				9.90 .872			6.86 .143				17.71 .606					3.79 .987		

BREC End-Use and Energy Efficiency Survey (December 2007)

Table 17: If you had to replace the heating system for your home, what type of system would you install?

All JPE respondents

	Gender		Financial burden of the electric bill			Number of people in the home					Length of time served by co-op					
	Total	Male	Female	Not too much	Some	Quite a bit	1	2	3	4	5+	<5 yrs.	5-10	11-15	16-25	>25 yrs.
Unweighted Base	300	141	159	156	108	34	41	162	45	35	15	23	38	36	62	141
Base	300	141	159	156	108	34	41	162	45	35	15	23	38	36	62	141
Electric	131	62	69	71	45	15	16	70	20	15	10	12	20	16	29	54
	43.7%	44.0%	43.4%	45.5%	41.7%	44.1%	39.0%	43.2%	44.4%	42.9%	66.7%	52.2%	52.6%	44.4%	46.8%	38.3%
Heat pump	54	26	28	31	16	7	11	27	5	7	4	7	7	5	14	21
	18.0%	18.4%	17.6%	19.9%	14.8%	20.6%	26.8%	16.7%	11.1%	20.0%	26.7%	30.4%	18.4%	13.9%	22.6%	14.9%
Baseboard electric, ceiling cables, electric furnace	46	17	29	23	17	6	3	26	9	5	3	3	8	6	10	19
	15.3%	12.1%	18.2%	14.7%	15.7%	17.6%	7.3%	16.0%	20.0%	14.3%	20.0%	13.0%	21.1%	16.7%	16.1%	13.5%
Geothermal system	17	13	4	7	9	1	1	10	3	1	2	1	2	1	5	8
	5.7%	9.2%	2.5%	4.5%	8.3%	2.9%	2.4%	6.2%	6.7%	2.9%	13.3%	4.3%	5.3%	2.8%	8.1%	5.7%
Dual-fuel system	12	6	6	8	3	1	1	7	2	1	1	1	1	4	0	6
	4.0%	4.3%	3.8%	5.1%	2.8%	2.9%	2.4%	4.3%	4.4%	2.9%	6.7%	4.3%	2.6%	11.1%	0.0%	4.3%
Something electric, but no specific system	2	0	2	2	0	0	0	0	1	1	0	0	2	0	0	0
	0.7%	0.0%	1.3%	1.3%	0.0%	0.0%	0.0%	0.0%	2.2%	2.9%	0.0%	0.0%	5.3%	0.0%	0.0%	0.0%
Gas	130	66	64	65	50	13	17	74	20	14	3	10	14	18	28	60
	43.3%	46.8%	40.3%	41.7%	46.3%	38.2%	41.5%	45.7%	44.4%	40.0%	20.0%	43.5%	36.8%	50.0%	45.2%	42.6%
Natural gas furnace	70	35	35	30	31	7	11	41	11	4	1	6	8	13	15	28
	23.3%	24.8%	22.0%	19.2%	28.7%	20.6%	26.8%	25.3%	24.4%	11.4%	6.7%	26.1%	21.1%	36.1%	24.2%	19.9%
Propane furnace	39	18	21	22	13	4	5	23	5	4	2	3	5	3	6	22
	13.0%	12.8%	13.2%	14.1%	12.0%	11.8%	12.2%	14.2%	11.1%	11.4%	13.3%	13.0%	13.2%	8.3%	9.7%	15.6%
Gas pack	21	13	8	13	6	2	1	10	4	6	0	1	1	2	7	10
	7.0%	9.2%	5.0%	8.3%	5.6%	5.9%	2.4%	6.2%	8.9%	17.1%	0.0%	4.3%	2.6%	5.6%	11.3%	7.1%

(continued)

BREC End-Use and Energy Efficiency Survey (December 2007)

Table 17: If you had to replace the heating system for your home, what type of system would you install?

(continued)

All JPE respondents

	Gender		Financial burden of the electric bill			Number of people in the home					Length of time served by co-op					
	Total	Male	Female	Not too much	Some	Quite a bit	1	2	3	4	5+	<5 yrs.	5-10	11-15	16-25	>25 yrs.
Unweighted Base	300	141	159	156	108	34	41	162	45	35	15	23	38	36	62	141
Base	300	141	159	156	108	34	41	162	45	35	15	23	38	36	62	141
Other	10	6	4	4	4	2	1	6	1	1	1	0	1	0	1	8
	3.3%	4.3%	2.5%	2.6%	3.7%	5.9%	2.4%	3.7%	2.2%	2.9%	6.7%	0.0%	2.6%	0.0%	1.6%	5.7%
																++
Wood, coal, kerosene, fuel oil	9	6	3	4	4	1	1	5	1	1	1	0	1	0	1	7
	3.0%	4.3%	1.9%	2.6%	3.7%	2.9%	2.4%	3.1%	2.2%	2.9%	6.7%	0.0%	2.6%	0.0%	1.6%	5.0%
																+
Solar	1	0	1	0	0	1	0	1	0	0	0	0	0	0	0	1
	0.3%	0.0%	0.6%	0.0%	0.0%	2.9%	0.0%	0.6%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.7%
						+++										
Don't know	29	7	22	16	9	4	7	12	4	5	1	1	3	2	4	19
	9.7%	5.0%	13.8%	10.3%	8.3%	11.8%	17.1%	7.4%	8.9%	14.3%	6.7%	4.3%	7.9%	5.6%	6.5%	13.5%
																++
Don't know	29	7	22	16	9	4	7	12	4	5	1	1	3	2	4	19
	9.7%	5.0%	13.8%	10.3%	8.3%	11.8%	17.1%	7.4%	8.9%	14.3%	6.7%	4.3%	7.9%	5.6%	6.5%	13.5%
																++

(continued)

BREC End-Use and Energy Efficiency Survey (December 2007)

Table 17: If you had to replace the heating system for your home, what type of system would you install?

All JPE respondents

	Age						Type of home				Education				
	Total	18-34	35-44	45-54	55-64	65+	Single-story	Multi-story	Mobile	Other	<HS grad	HS grad	Some college	College grad	Post college
Unweighted Base	300	18	33	71	81	92	184	77	26	13	21	125	80	37	35
Base	300	18	33	71	81	92	184	77	26	13	21	125	80	37	35
Electric	131	15	16	33	29	37	76	30	18	7	8	57	39	16	10
	43.7%	83.3%	48.5%	46.5%	35.8%	40.2%	41.3%	39.0%	69.2%	53.8%	38.1%	45.6%	48.8%	43.2%	28.6%
Heat pump	54	3	6	13	12	19	34	13	6	1	5	19	19	7	3
	18.0%	16.7%	18.2%	18.3%	14.8%	20.7%	18.5%	16.9%	23.1%	7.7%	23.8%	15.2%	23.8%	18.9%	8.6%
Baseboard electric, ceiling cables, electric furnace	46	7	4	13	10	12	23	5	12	6	2	27	12	4	1
	15.3%	38.9%	12.1%	18.3%	12.3%	13.0%	12.5%	6.5%	46.2%	46.2%	9.5%	21.6%	15.0%	10.8%	2.9%
Geothermal system	17	3	2	6	3	3	10	7	0	0	1	8	2	4	2
	5.7%	16.7%	6.1%	8.5%	3.7%	3.3%	5.4%	9.1%	0.0%	0.0%	4.8%	6.4%	2.5%	10.8%	5.7%
Dual-fuel system	12	1	3	1	4	3	8	4	0	0	0	3	5	1	3
	4.0%	5.6%	9.1%	1.4%	4.9%	3.3%	4.3%	5.2%	0.0%	0.0%	0.0%	2.4%	6.3%	2.7%	8.6%
Something electric, but no specific system	2	1	1	0	0	0	1	1	0	0	0	0	1	0	1
	0.7%	5.6%	3.0%	0.0%	0.0%	0.0%	0.5%	1.3%	0.0%	0.0%	0.0%	0.0%	1.3%	0.0%	2.9%
Gas	130	2	15	30	42	38	83	38	5	4	9	52	32	16	20
	43.3%	11.1%	45.5%	42.3%	51.9%	41.3%	45.1%	49.4%	19.2%	30.8%	42.9%	41.6%	40.0%	43.2%	57.1%
Natural gas furnace	70	1	4	16	27	21	38	25	3	4	6	21	18	11	13
	23.3%	5.6%	12.1%	22.5%	33.3%	22.8%	20.7%	32.5%	11.5%	30.8%	28.6%	16.8%	22.5%	29.7%	37.1%
Propane furnace	39	1	6	6	12	13	30	8	1	0	2	23	9	2	3
	13.0%	5.6%	18.2%	8.5%	14.8%	14.1%	16.3%	10.4%	3.8%	0.0%	9.5%	18.4%	11.3%	5.4%	8.6%
Gas pack	21	0	5	8	3	4	15	5	1	0	1	8	5	3	4
	7.0%	0.0%	15.2%	11.3%	3.7%	4.3%	8.2%	6.5%	3.8%	0.0%	4.8%	6.4%	6.3%	8.1%	11.4%

(continued)

BREC End-Use and Energy Efficiency Survey (December 2007)

Table 17: If you had to replace the heating system for your home, what type of system would you install?

(continued)

All JPE respondents

	Age					Type of home				Education					
	Total	18-34	35-44	45-54	55-64	65+	Single-story	Multi-story	Mobile	Other	<HS grad	HS grad	Some college	College grad	Post college
Unweighted Base	300	18	33	71	81	92	184	77	26	13	21	125	80	37	35
Base	300	18	33	71	81	92	184	77	26	13	21	125	80	37	35
Other	10	0	0	3	5	2	6	2	1	1	0	5	1	3	1
	3.3%	0.0%	0.0%	4.2%	6.2%	2.2%	3.3%	2.6%	3.8%	7.7%	0.0%	4.0%	1.3%	8.1%	2.9%
					+									+	
Wood, coal, kerosene, fuel oil	9	0	0	2	5	2	5	2	1	1	0	4	1	3	1
	3.0%	0.0%	0.0%	2.8%	6.2%	2.2%	2.7%	2.6%	3.8%	7.7%	0.0%	3.2%	1.3%	8.1%	2.9%
					+									+	
Solar	1	0	0	1	0	0	1	0	0	0	0	1	0	0	0
	0.3%	0.0%	0.0%	1.4%	0.0%	0.0%	0.5%	0.0%	0.0%	0.0%	0.0%	0.8%	0.0%	0.0%	0.0%
					+										
Don't know	29	1	2	5	5	15	19	7	2	1	4	11	8	2	4
	9.7%	5.6%	6.1%	7.0%	6.2%	16.3%	10.3%	9.1%	7.7%	7.7%	19.0%	8.8%	10.0%	5.4%	11.4%
						+++									
Don't know	29	1	2	5	5	15	19	7	2	1	4	11	8	2	4
	9.7%	5.6%	6.1%	7.0%	6.2%	16.3%	10.3%	9.1%	7.7%	7.7%	19.0%	8.8%	10.0%	5.4%	11.4%
						+++									

(continued)

BREC End-Use and Energy Efficiency Survey (December 2007)

Table 17: If you had to replace the heating system for your home, what type of system would you install?

All JPE respondents

	Income					Overall Satisfaction		Age of home						Primary heating source				
	Total	< \$15K	\$15K-\$25K	\$25K-\$40K	\$40-\$75K	> \$75K	Less than satis.	Satis.	<5 yrs	5-10	11-20	21-30	31-50	50+ yrs	Elec. furn.	HP/ geoth.	NG furn.	Prop. furn.
Unweighted Base	300	19	27	54	74	69	76	224	18	41	56	64	76	45	36	42	91	63
Base	300	19	27	54	74	69	76	224	18	41	56	64	76	45	36	42	91	63
Electric	131	4	16	31	36	26	37	94	12	18	22	31	33	15	29	32	19	19
	43.7%	21.1%	59.3%	57.4%	48.6%	37.7%	48.7%	42.0%	66.7%	43.9%	39.3%	48.4%	43.4%	33.3%	80.6%	76.2%	20.9%	30.2%
Heat pump	54	2	9	10	17	9	12	42	8	7	5	14	14	6	5	24	8	6
	18.0%	10.5%	33.3%	18.5%	23.0%	13.0%	15.8%	18.8%	44.4%	17.1%	8.9%	21.9%	18.4%	13.3%	13.9%	57.1%	8.8%	9.5%
Baseboard electric, ceiling cables, electric furnace	46	2	5	13	12	5	9	37	1	8	9	13	10	5	24	0	5	6
	15.3%	10.5%	18.5%	24.1%	16.2%	7.2%	11.8%	16.5%	5.6%	19.5%	16.1%	20.3%	13.2%	11.1%	66.7%	0.0%	5.5%	9.5%
Geothermal system	17	0	1	4	3	7	10	7	1	1	4	3	5	3	0	5	2	4
	5.7%	0.0%	3.7%	7.4%	4.1%	10.1%	13.2%	3.1%	5.6%	2.4%	7.1%	4.7%	6.6%	6.7%	0.0%	11.9%	2.2%	6.3%
Dual-fuel system	12	0	1	4	3	4	5	7	2	1	4	1	4	0	0	3	3	2
	4.0%	0.0%	3.7%	7.4%	4.1%	5.8%	6.6%	3.1%	11.1%	2.4%	7.1%	1.6%	5.3%	0.0%	0.0%	7.1%	3.3%	3.2%
Something electric, but no specific system	2	0	0	0	1	1	1	1	0	1	0	0	0	1	0	0	1	1
	0.7%	0.0%	0.0%	0.0%	1.4%	1.4%	1.3%	0.4%	0.0%	2.4%	0.0%	0.0%	0.0%	2.2%	0.0%	0.0%	1.1%	1.6%
Gas	130	9	9	18	30	35	29	101	6	19	25	25	36	19	2	7	62	36
	43.3%	47.4%	33.3%	33.3%	40.5%	50.7%	38.2%	45.1%	33.3%	46.3%	44.6%	39.1%	47.4%	42.2%	5.6%	16.7%	68.1%	57.1%
Natural gas furnace	70	5	6	9	9	24	19	51	3	11	13	15	18	10	2	4	57	1
	23.3%	26.3%	22.2%	16.7%	12.2%	34.8%	25.0%	22.8%	16.7%	26.8%	23.2%	23.4%	23.7%	22.2%	5.6%	9.5%	62.6%	1.6%
Propane furnace	39	3	3	8	16	3	8	31	2	4	7	5	15	6	0	1	0	31
	13.0%	15.8%	11.1%	14.8%	21.6%	4.3%	10.5%	13.8%	11.1%	9.8%	12.5%	7.8%	19.7%	13.3%	0.0%	2.4%	0.0%	49.2%
Gas pack	21	1	0	1	5	8	2	19	1	4	5	5	3	3	0	2	5	4
	7.0%	5.3%	0.0%	1.9%	6.8%	11.6%	2.6%	8.5%	5.6%	9.8%	8.9%	7.8%	3.9%	6.7%	0.0%	4.8%	5.5%	6.3%

(continued)

BREC End-Use and Energy Efficiency Survey (December 2007)

Table 17: If you had to replace the heating system for your home, what type of system would you install?

(continued)
All JPE respondents

	Total	Income					Overall Satisfaction		Age of home						Primary heating source			
		< \$15K	\$15K-\$25K	\$25K-\$40K	\$40-\$75K	> \$75K	Less than satis.	Satis.	<5 yrs	5-10	11-20	21-30	31-50	50+ yrs	Elec. furn.	HP/ geoth.	NG furn.	Prop. furn.
Unweighted Base	300	19	27	54	74	69	76	224	18	41	56	64	76	45	36	42	91	63
Base	300	19	27	54	74	69	76	224	18	41	56	64	76	45	36	42	91	63
Other	10	1	1	1	3	3	3	7	0	1	1	3	1	4	0	1	1	2
	3.3%	5.3%	3.7%	1.9%	4.1%	4.3%	3.9%	3.1%	0.0%	2.4%	1.8%	4.7%	1.3%	8.9%	0.0%	2.4%	1.1%	3.2%
														++				
Wood, coal, kerosene, fuel oil	9	1	1	1	3	3	3	6	0	1	1	3	1	3	0	0	1	2
	3.0%	5.3%	3.7%	1.9%	4.1%	4.3%	3.9%	2.7%	0.0%	2.4%	1.8%	4.7%	1.3%	6.7%	0.0%	0.0%	1.1%	3.2%
Solar	1	0	0	0	0	0	0	1	0	0	0	0	0	1	0	1	0	0
	0.3%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.4%	0.0%	0.0%	0.0%	0.0%	0.0%	2.2%	0.0%	2.4%	0.0%	0.0%
														++		++		
Don't know	29	5	1	4	5	5	7	22	0	3	8	5	6	7	5	2	9	6
	9.7%	26.3%	3.7%	7.4%	6.8%	7.2%	9.2%	9.8%	0.0%	7.3%	14.3%	7.8%	7.9%	15.6%	13.9%	4.8%	9.9%	9.5%
Don't know	29	5	1	4	5	5	7	22	0	3	8	5	6	7	5	2	9	6
	9.7%	26.3%	3.7%	7.4%	6.8%	7.2%	9.2%	9.8%	0.0%	7.3%	14.3%	7.8%	7.9%	15.6%	13.9%	4.8%	9.9%	9.5%

BREC End-Use and Energy Efficiency Survey (December 2007)

Table 18: In this part of the country, what is the recommended **minimum** amount of insulation you should have in your attic? Is it:

All JPE respondents

	Gender		Financial burden of the electric bill			Number of people in the home					Length of time served by co-op					
	Total	Male	Female	Not too much	Some	Quite a bit	1	2	3	4	5+	<5 yrs.	5-10	11-15	16-25	>25 yrs.
Unweighted Base	300	141	159	156	108	34	41	162	45	35	15	23	38	36	62	141
Base	300	141	159	156	108	34	41	162	45	35	15	23	38	36	62	141
At least 6 inches	73 24.4%	44 31.2%	29 18.4%	41 26.5%	27 25.0%	5 14.7%	10 25.0%	37 22.8%	11 24.4%	13 37.1%	2 13.3%	6 26.1%	12 31.6%	9 25.0%	14 22.6%	32 22.9%
At least 12 inches	131 43.8%	69 48.9%	62 39.2%	66 42.6%	50 46.3%	15 44.1%	19 47.5%	69 42.6%	17 37.8%	17 48.6%	9 60.0%	11 47.8%	18 47.4%	16 44.4%	33 53.2%	53 37.9%
At least 20 inches	11 3.7%	6 4.3%	5 3.2%	7 4.5%	3 2.8%	1 2.9%	1 2.5%	7 4.3%	1 2.2%	2 5.7%	0 0.0%	0 0.0%	1 2.6%	1 2.8%	4 6.5%	5 3.6%
Don't know	84 28.1%	22 15.6%	62 39.2%	41 26.5%	28 25.9%	13 38.2%	10 25.0%	49 30.2%	16 35.6%	3 8.6%	4 26.7%	6 26.1%	7 18.4%	10 27.8%	11 17.7%	50 35.7%
No Response	1	0	1	1	0	0	1	0	0	0	0	0	0	0	0	1
Chi Square		21.70 .001		3.93 .686			12.50 .406					12.54 .404				

(continued)

BREC End-Use and Energy Efficiency Survey (December 2007)

Table 18: In this part of the country, what is the recommended **minimum** amount of insulation you should have in your attic? Is it:

All JPE respondents

	Age					Type of home				Education					
	Total	18-34	35-44	45-54	55-64	65+	Single-story	Multi-story	Mobile	Other	<HS grad	HS grad	Some college	College grad	Post college
Unweighted Base	300	18	33	71	81	92	184	77	26	13	21	125	80	37	35
Base	300	18	33	71	81	92	184	77	26	13	21	125	80	37	35
At least 6 inches	73 24.4%	5 27.8%	9 27.3%	20 28.2%	20 24.7%	19 20.9%	47 25.7%	16 20.8%	8 30.8%	2 15.4%	6 28.6%	33 26.4%	16 20.3%	9 24.3%	9 25.7%
At least 12 inches	131 43.8%	8 44.4%	16 48.5%	30 42.3%	39 48.1%	38 41.8%	76 41.5%	36 46.8%	9 34.6%	10 76.9%	8 38.1%	51 40.8%	37 46.8%	19 51.4%	16 45.7%
At least 20 inches	11 3.7%	0 0.0%	0 0.0%	5 7.0%	3 3.7%	3 3.3%	5 2.7%	3 3.9%	3 11.5%	0 0.0%	1 4.8%	3 2.4%	5 6.3%	2 5.4%	0 0.0%
Don't know	84 28.1%	5 27.8%	8 24.2%	16 22.5%	19 23.5%	31 34.1%	55 30.1%	22 28.6%	6 23.1%	1 7.7%	6 28.6%	38 30.4%	21 26.6%	7 18.9%	10 28.6%
No Response	1	0	0	0	0	1	1	0	0	0	0	0	1	0	0
Chi Square				8.34 .758				13.24 .152					7.11 .850		

(continued)

BREC End-Use and Energy Efficiency Survey (December 2007)

Table 18: In this part of the country, what is the recommended **minimum** amount of insulation you should have in your attic? Is it:

All JPE respondents

	Income					Overall Satisfaction		Age of home						Primary heating source				
	Total	< \$15K	\$15K- \$25K	\$25K- \$40K	\$40- \$75K	> \$75K	Less than satis.	Satis.	<5 yrs	5-10	11-20	21-30	31-50	50+ yrs	Elec. furn.	HP/ geoth.	NG furn.	Prop. furn.
Unweighted Base	300	19	27	54	74	69	76	224	18	41	56	64	76	45	36	42	91	63
Base	300	19	27	54	74	69	76	224	18	41	56	64	76	45	36	42	91	63
At least 6 inches	73 24.4%	3 15.8%	9 33.3%	13 24.1%	26 35.1%	13 18.8%	22 28.9%	51 22.9%	2 11.1%	9 22.0%	13 23.2%	18 28.1%	17 22.4%	14 31.8%	10 27.8%	5 12.2%	18 19.8%	19 30.2%
At least 12 inches	131 43.8%	8 42.1%	10 37.0%	24 44.4%	34 45.9%	33 47.8%	36 47.4%	95 42.6%	11 61.1%	15 36.6%	24 42.9%	29 45.3%	34 44.7%	18 40.9%	13 36.1%	20 48.8%	45 49.5%	27 42.9%
At least 20 inches	11 3.7%	1 5.3%	3 11.1%	1 1.9%	0 0.0%	5 7.2%	4 5.3%	7 3.1%	0 0.0%	3 7.3%	4 7.1%	2 3.1%	1 1.3%	1 2.3%	2 5.6%	2 4.9%	3 3.3%	2 3.2%
Don't know	84 28.1%	7 36.8%	5 18.5%	16 29.6%	14 18.9%	18 26.1%	14 18.4%	70 31.4%	5 27.8%	14 34.1%	15 26.8%	15 23.4%	24 31.6%	11 25.0%	11 30.6%	14 34.1%	25 27.5%	15 23.8%
No Response	1	0	0	0	0	0	0	1	0	0	0	0	0	1	0	1	0	0
Chi Square				17.39 .136			5.24 .155				11.73 .699					7.08 .628		

BREC End-Use and Energy Efficiency Survey (December 2007)

Table 19: If you were going to add insulation to your attic, what kind would you choose?

All JPE respondents

	Gender			Financial burden of the electric bill			Number of people in the home					Length of time served by co-op				
	Total	Male	Female	Not too much	Some	Quite a bit	1	2	3	4	5+	<5 yrs.	5-10	11-15	16-25	>25 yrs.
Unweighted Base	300	141	159	156	108	34	41	162	45	35	15	23	38	36	62	141
Base	300	141	159	156	108	34	41	162	45	35	15	23	38	36	62	141
UNAIDED: Fiberglass/pink stuff (pink, yellow or white; comes in batts, rolls, or blankets and can also be blown in)	62 20.7%	44 31.2%	18 11.3%	31 19.9%	25 23.1%	6 17.6%	10 24.4%	33 20.4%	5 11.1%	10 28.6%	4 26.7%	5 21.7%	9 23.7%	5 13.9%	14 22.6%	29 20.6%
PROMPTED: Fiberglass (pink, yellow or white; comes in batts, rolls, or blankets and can also be blown in)	57 19.0%	25 17.7%	32 20.1%	27 17.3%	26 24.1%	4 11.8%	8 19.5%	29 17.9%	8 17.8%	5 14.3%	6 40.0%	3 13.0%	9 23.7%	8 22.2%	14 22.6%	23 16.3%
PROMPTED: Cellulose (gray and is blown in)	48 16.0%	27 19.1%	21 13.2%	23 14.7%	20 18.5%	5 14.7%	5 12.2%	27 16.7%	12 26.7%	2 5.7%	2 13.3%	5 21.7%	5 13.2%	4 11.1%	9 14.5%	25 17.7%
UNAIDED: Cellulose (gray and is blown in)	42 14.0%	26 18.4%	16 10.1%	23 14.7%	15 13.9%	4 11.8%	4 9.8%	22 13.6%	7 15.6%	8 22.9%	1 6.7%	4 17.4%	6 15.8%	6 16.7%	11 17.7%	15 10.6%
PROMPTED, BUT COULDN'T IDENTIFY KIND: Blown-in, but unsure which kind	21 7.0%	7 5.0%	14 8.8%	10 6.4%	7 6.5%	4 11.8%	6 14.6%	10 6.2%	2 4.4%	3 8.6%	0 0.0%	2 8.7%	3 7.9%	3 8.3%	3 4.8%	10 7.1%
Don't know	70 23.3%	12 8.5%	58 36.5%	42 26.9%	15 13.9%	11 32.4%	8 19.5%	41 25.3%	11 24.4%	7 20.0%	2 13.3%	4 17.4%	6 15.8%	10 27.8%	11 17.7%	39 27.7%

(continued)

BREC End-Use and Energy Efficiency Survey (December 2007)

Table 19: If you were going to add insulation to your attic, what kind would you choose?

All JPE respondents

	Total	Age					Type of home				Education				
		18-34	35-44	45-54	55-64	65+	Single-story	Multi-story	Mobile	Other	<HS grad	HS grad	Some college	College grad	Post college
Unweighted Base	300	18	33	71	81	92	184	77	26	13	21	125	80	37	35
Base	300	18	33	71	81	92	184	77	26	13	21	125	80	37	35
UNAIDED: Fiberglass/pink stuff (pink, yellow or white; comes in batts, rolls, or blankets and can also be blown in)	62 20.7%	1 5.6%	10 30.3%	12 16.9%	20 24.7%	18 19.6%	37 20.1%	19 24.7%	6 23.1%	0 0.0%	4 19.0%	26 20.8%	15 18.8%	11 29.7%	6 17.1%
PROMPTED: Fiberglass (pink, yellow or white; comes in batts, rolls, or blankets and can also be blown in)	57 19.0%	1 5.6%	8 24.2%	17 23.9%	15 18.5%	16 17.4%	25 13.6%	19 24.7%	6 23.1%	7 53.8%	4 19.0%	23 18.4%	17 21.3%	7 18.9%	6 17.1%
PROMPTED: Cellulose (gray and is blown in)	48 16.0%	5 27.8%	2 6.1%	14 19.7%	11 13.6%	14 15.2%	36 19.6%	8 10.4%	2 7.7%	2 15.4%	3 14.3%	20 16.0%	15 18.8%	7 18.9%	2 5.7%
UNAIDED: Cellulose (gray and is blown in)	42 14.0%	3 16.7%	7 21.2%	12 16.9%	12 14.8%	8 8.7%	32 17.4%	6 7.8%	2 7.7%	2 15.4%	1 4.8%	16 12.8%	12 15.0%	3 8.1%	10 28.6%
PROMPTED, BUT COULDN'T IDENTIFY KIND: Blown-in, but unsure which kind	21 7.0%	1 5.6%	2 6.1%	4 5.6%	7 8.6%	6 6.5%	15 8.2%	4 5.2%	2 7.7%	0 0.0%	1 4.8%	8 6.4%	6 7.5%	2 5.4%	4 11.4%
Don't know	70 23.3%	7 38.9%	4 12.1%	12 16.9%	16 19.8%	30 32.6%	39 21.2%	21 27.3%	8 30.8%	2 15.4%	8 38.1%	32 25.6%	15 18.8%	7 18.9%	7 20.0%

(continued)

BREC End-Use and Energy Efficiency Survey (December 2007)

Table 19: If you were going to add insulation to your attic, what kind would you choose?

All JPE respondents

	Total	Income					Overall Satisfaction		Age of home						Primary heating source			
		< \$15K	\$15K-\$25K	\$25K-\$40K	\$40-\$75K	> \$75K	Less than satis.	Satis.	<5 yrs	5-10	11-20	21-30	31-50	50+ yrs	Elec. furn.	HP/ geoth.	NG furn.	Prop. furn.
Unweighted Base	300	19	27	54	74	69	76	224	18	41	56	64	76	45	36	42	91	63
Base	300	19	27	54	74	69	76	224	18	41	56	64	76	45	36	42	91	63
UNAIDED: Fiberglass/pink stuff (pink, yellow or white; comes in batts, rolls, or blankets and can also be blown in)	62 20.7%	5 26.3%	6 22.2%	13 24.1%	17 23.0%	16 23.2%	17 22.4%	45 20.1%	1 5.6%	13 31.7%	7 12.5%	11 17.2%	16 21.1%	14 31.1%	4 11.1%	7 16.7%	17 18.7%	17 27.0%
PROMPTED: Fiberglass (pink, yellow or white; comes in batts, rolls, or blankets and can also be blown in)	57 19.0%	2 10.5%	5 18.5%	14 25.9%	12 16.2%	15 21.7%	18 23.7%	39 17.4%	4 22.2%	7 17.1%	13 23.2%	15 23.4%	12 15.8%	6 13.3%	10 27.8%	9 21.4%	17 18.7%	12 19.0%
PROMPTED: Cellulose (gray and is blown in)	48 16.0%	1 5.3%	6 22.2%	10 18.5%	13 17.6%	9 13.0%	10 13.2%	38 17.0%	3 16.7%	7 17.1%	4 7.1%	13 20.3%	15 19.7%	6 13.3%	6 16.7%	8 19.0%	12 13.2%	8 12.7%
UNAIDED: Cellulose (gray and is blown in)	42 14.0%	0 0.0%	2 7.4%	7 13.0%	11 14.9%	16 23.2%	15 19.7%	27 12.1%	6 33.3%	6 14.6%	12 21.4%	7 10.9%	10 13.2%	1 2.2%	3 8.3%	4 9.5%	14 15.4%	12 19.0%
PROMPTED, BUT COULDN'T IDENTIFY KIND: Blown-in, but unsure which kind	21 7.0%	2 10.5%	3 11.1%	3 5.6%	5 6.8%	2 2.9%	5 6.6%	16 7.1%	0 0.0%	0 0.0%	3 5.4%	7 10.9%	9 11.8%	2 4.4%	2 5.6%	4 9.5%	9 9.9%	2 3.2%
Don't know	70 23.3%	9 47.4%	5 18.5%	7 13.0%	16 21.6%	11 15.9%	11 14.5%	59 26.3%	4 22.2%	8 19.5%	17 30.4%	11 17.2%	14 18.4%	16 35.6%	11 30.6%	10 23.8%	22 24.2%	12 19.0%
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BREC End-Use and Energy Efficiency Survey (December 2007)

Table 20: If you were purchasing replacement windows for your home, what features would you look for?

All JPE respondents

	Gender		Financial burden of the electric bill			Number of people in the home					Length of time served by co-op					
	Total	Male	Female	Not too much	Some	Quite a bit	1	2	3	4	5+	<5 yrs.	5-10	11-15	16-25	>25 yrs.
Unweighted Base	300	141	159	156	108	34	41	162	45	35	15	23	38	36	62	141
Base	300	141	159	156	108	34	41	162	45	35	15	23	38	36	62	141
Double-pane/multiple pane/more than one pane/encasement	159	79	80	88	51	20	24	90	21	13	11	13	22	15	35	74
Tilt-in/easy to clean	53.0%	56.0%	50.3%	56.4%	47.2%	58.8%	58.5%	55.6%	46.7%	37.1%	73.3%	56.5%	57.9%	41.7%	56.5%	52.5%
Energy-efficient (generic)	109	38	71	56	40	12	14	55	20	15	5	6	10	21	21	51
Low-E coating/(clear) coating to prevent heat and UV rays from passing through the glass	36.3%	27.0%	44.7%	35.9%	37.0%	35.3%	34.1%	34.0%	44.4%	42.9%	33.3%	26.1%	26.3%	58.3%	33.9%	36.2%
Air-tight/good seal	49	23	26	27	17	5	5	25	5	10	4	4	6	8	13	18
Thermal	16.3%	16.3%	16.4%	17.3%	15.7%	14.7%	12.2%	15.4%	11.1%	28.6%	26.7%	17.4%	15.8%	22.2%	21.0%	12.8%
Gas filled/gas between the panes	29	18	11	21	6	2	4	14	4	5	2	2	5	7	6	9
Insulated (non-specific)	9.7%	12.8%	6.9%	13.5%	5.6%	5.9%	9.8%	8.6%	8.9%	14.3%	13.3%	8.7%	13.2%	19.4%	9.7%	6.4%
Tinted	26	13	13	12	12	2	5	14	3	4	0	3	2	3	3	15
R-factor	8.7%	9.2%	8.2%	7.7%	11.1%	5.9%	12.2%	8.6%	6.7%	11.4%	0.0%	13.0%	5.3%	8.3%	4.8%	10.6%
	13	8	5	7	6	0	1	8	3	1	0	2	1	1	2	7
	4.3%	5.7%	3.1%	4.5%	5.6%	0.0%	2.4%	4.9%	6.7%	2.9%	0.0%	8.7%	2.6%	2.8%	3.2%	5.0%
	12	11	1	10	1	1	1	5	4	2	0	1	1	1	5	4
	4.0%	7.8%	0.6%	6.4%	0.9%	2.9%	2.4%	3.1%	8.9%	5.7%	0.0%	4.3%	2.6%	2.8%	8.1%	2.8%
	12	5	7	5	5	2	0	9	1	1	1	0	4	2	1	5
	4.0%	3.5%	4.4%	3.2%	4.6%	5.9%	0.0%	5.6%	2.2%	2.9%	6.7%	0.0%	10.5%	5.6%	1.6%	3.5%
	7	2	5	3	3	1	0	4	3	0	0	0	0	1	1	5
	2.3%	1.4%	3.1%	1.9%	2.8%	2.9%	0.0%	2.5%	6.7%	0.0%	0.0%	0.0%	0.0%	2.8%	1.6%	3.5%
	6	5	1	3	3	0	0	3	2	0	1	1	0	1	1	3
	2.0%	3.5%	0.6%	1.9%	2.8%	0.0%	0.0%	1.9%	4.4%	0.0%	6.7%	4.3%	0.0%	2.8%	1.6%	2.1%

(continued)

BREC End-Use and Energy Efficiency Survey (December 2007)

Table 20: If you were purchasing replacement windows for your home, what features would you look for?

(continued)

All JPE respondents

	Gender		Financial burden of the electric bill			Number of people in the home					Length of time served by co-op					
	Total	Male	Female	Not too much	Some	Quite a bit	1	2	3	4	5+	<5 yrs.	5-10	11-15	16-25	>25 yrs.
Unweighted Base	300	141	159	156	108	34	41	162	45	35	15	23	38	36	62	141
Base	300	141	159	156	108	34	41	162	45	35	15	23	38	36	62	141
Vinyl frame work	4 1.3%	3 2.1%	1 0.6%	1 0.6%	3 2.8%	0 0.0%	0 0.0%	3 1.9%	0 0.0%	1 2.9%	0 0.0%	0 0.0%	1 2.6%	0 0.0%	1 1.6%	2 1.4%
Wood framed/wood core	4 1.3%	3 2.1%	1 0.6%	2 1.3%	1 0.9%	1 2.9%	1 2.4%	2 1.2%	0 0.0%	1 2.9%	0 0.0%	1 4.3%	0 0.0%	0 0.0%	2 3.2%	1 0.7%
Safe locking mechanism	2 0.7%	0 0.0%	2 1.3%	1 0.6%	0 0.0%	1 2.9%	2 4.9%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	2 1.4%
Aluminum sided	2 0.7%	1 0.7%	1 0.6%	0 0.0%	2 1.9%	0 0.0%	0 0.0%	2 1.2%	0 0.0%	0 0.0%	0 0.0%	1 4.3%	0 0.0%	0 0.0%	0 0.0%	1 0.7%
Brand name	2 0.7%	1 0.7%	1 0.6%	2 1.3%	0 0.0%	0 0.0%	1 2.4%	0 0.0%	1 2.2%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	2 1.4%
Easy to open	2 0.7%	0 0.0%	2 1.3%	1 0.6%	1 0.9%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	1 2.9%	1 6.7%	0 0.0%	0 0.0%	1 2.8%	1 1.6%	0 0.0%
Childsafe/safety glass	2 0.7%	0 0.0%	2 1.3%	1 0.6%	1 0.9%	0 0.0%	1 2.4%	0 0.0%	0 0.0%	1 2.9%	0 0.0%	0 0.0%	1 2.6%	0 0.0%	0 0.0%	1 0.7%
Blinds in the middle	2 0.7%	0 0.0%	2 1.3%	1 0.6%	1 0.9%	0 0.0%	0 0.0%	2 1.2%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	1 1.6%	1 0.7%
Double hung	2 0.7%	1 0.7%	1 0.6%	1 0.6%	1 0.9%	0 0.0%	0 0.0%	1 0.6%	1 2.2%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	1 1.6%	1 0.7%

(continued)

BREC End-Use and Energy Efficiency Survey (December 2007)

Table 20: If you were purchasing replacement windows for your home, what features would you look for?

(continued)

All JPE respondents

	Gender		Financial burden of the electric bill			Number of people in the home					Length of time served by co-op					
	Total	Male	Female	Not too much	Some	Quite a bit	1	2	3	4	5+	<5 yrs.	5-10	11-15	16-25	>25 yrs.
Unweighted Base	300	141	159	156	108	34	41	162	45	35	15	23	38	36	62	141
Base	300	141	159	156	108	34	41	162	45	35	15	23	38	36	62	141
Reflected surface	2 0.7%	2 1.4%	0 0.0%	2 1.3%	0 0.0%	0 0.0%	0 0.0%	1 0.6%	0 0.0%	1 2.9%	0 0.0%	0 0.0%	1 2.6%	0 0.0%	1 1.6%	0 0.0%
Looks	2 0.7%	2 1.4%	0 0.0%	1 0.6%	1 0.9%	0 0.0%	0 0.0%	1 0.6%	1 2.2%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	1 1.6%	1 0.7%
Lifetime warranty/good warranty	1 0.3%	0 0.0%	1 0.6%	0 0.0%	1 0.9%	0 0.0%	0 0.0%	0 0.0%	1 2.2%	0 0.0%	0 0.0%	1 4.3%	0 0.0%	0 0.0%	0 0.0%	0 0.0%
EV ratings	1 0.3%	1 0.7%	0 0.0%	0 0.0%	1 0.9%	0 0.0%	1 2.4%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	1 2.8%	0 0.0%	0 0.0%
Crank-out windows	1 0.3%	0 0.0%	1 0.6%	0 0.0%	1 0.9%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	1 2.9%	0 0.0%	0 0.0%	0 0.0%	1 2.8%	0 0.0%	0 0.0%
Price	1 0.3%	0 0.0%	1 0.6%	1 0.6%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	1 2.9%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	1 1.6%	0 0.0%
Thickness	1 0.3%	0 0.0%	1 0.6%	1 0.6%	0 0.0%	0 0.0%	0 0.0%	1 0.6%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	1 0.7%
Glare resistant	1 0.3%	0 0.0%	1 0.6%	1 0.6%	0 0.0%	0 0.0%	0 0.0%	1 0.6%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	1 0.7%
Storm windows	1 0.3%	1 0.7%	0 0.0%	0 0.0%	1 0.9%	0 0.0%	0 0.0%	1 0.6%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	1 0.7%

(continued)

BREC End-Use and Energy Efficiency Survey (December 2007)

Table 20: If you were purchasing replacement windows for your home, what features would you look for?

(continued)

All JPE respondents

	Gender		Financial burden of the electric bill			Number of people in the home					Length of time served by co-op					
	Total	Male	Female	Not too much	Some	Quite a bit	1	2	3	4	5+	<5 yrs.	5-10	11-15	16-25	>25 yrs.
Unweighted Base	300	141	159	156	108	34	41	162	45	35	15	23	38	36	62	141
Base	300	141	159	156	108	34	41	162	45	35	15	23	38	36	62	141
Double insulation	1 0.3%	0 0.0%	1 0.6%	1 0.6%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	1 2.2%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	1 2.8%	0 0.0%	0 0.0%
Weatherstripping	1 0.3%	0 0.0%	1 0.6%	1 0.6%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	1 2.2%	0 0.0%	0 0.0%	0 0.0%	1 2.6%	0 0.0%	0 0.0%	0 0.0%
Fused	1 0.3%	1 0.7%	0 0.0%	0 0.0%	1 0.9%	0 0.0%	0 0.0%	1 0.6%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	1 0.7%
Glue between panes	1 0.3%	1 0.7%	0 0.0%	1 0.6%	0 0.0%	0 0.0%	0 0.0%	1 0.6%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	1 1.6%	0 0.0%
Don't know	19 6.3%	7 5.0%	12 7.5%	6 3.8%	9 8.3%	3 8.8%	3 7.3%	9 5.6%	3 6.7%	2 5.7%	0 0.0%	1 4.3%	2 5.3%	1 2.8%	1 1.6%	14 9.9%

(continued)

BREC End-Use and Energy Efficiency Survey (December 2007)

Table 20: If you were purchasing replacement windows for your home, what features would you look for?

All JPE respondents

	Total	Age					Type of home				Education				
		18-34	35-44	45-54	55-64	65+	Single-story	Multi-story	Mobile	Other	<HS grad	HS grad	Some college	College grad	Post college
Unweighted Base	300	18	33	71	81	92	184	77	26	13	21	125	80	37	35
Base	300	18	33	71	81	92	184	77	26	13	21	125	80	37	35
Double-pane/multiple pane/more than one pane/encasement	159 53.0%	9 50.0%	14 42.4%	44 62.0%	45 55.6%	47 51.1%	100 54.3%	40 51.9%	12 46.2%	7 53.8%	10 47.6%	66 52.8%	42 52.5%	20 54.1%	21 60.0%
Tilt-in/easy to clean	109 36.3%	4 22.2%	15 45.5%	30 42.3%	30 37.0%	30 32.6%	65 35.3%	26 33.8%	12 46.2%	6 46.2%	7 33.3%	54 43.2%	33 41.3%	9 24.3%	6 17.1%
Energy-efficient (generic)	49 16.3%	4 22.2%	10 30.3%	11 15.5%	12 14.8%	12 13.0%	26 14.1%	19 24.7%	4 15.4%	0 0.0%	1 4.8%	16 12.8%	16 20.0%	7 18.9%	9 25.7%
Low-E coating/(clear) coating to prevent heat and UV rays from passing through the glass	29 9.7%	2 11.1%	7 21.2%	10 14.1%	7 8.6%	3 3.3%	17 9.2%	11 14.3%	1 3.8%	0 0.0%	1 4.8%	7 5.6%	11 13.8%	3 8.1%	7 20.0%
Air-tight/good seal	26 8.7%	2 11.1%	1 3.0%	6 8.5%	6 7.4%	10 10.9%	17 9.2%	5 6.5%	3 11.5%	1 7.7%	2 9.5%	11 8.8%	8 10.0%	4 10.8%	1 2.9%
Thermal	13 4.3%	0 0.0%	1 3.0%	3 4.2%	3 3.7%	6 6.5%	8 4.3%	2 2.6%	1 3.8%	2 15.4%	0 0.0%	5 4.0%	3 3.8%	3 8.1%	2 5.7%
Gas filled/gas between the panes	12 4.0%	1 5.6%	3 9.1%	3 4.2%	3 3.7%	2 2.2%	8 4.3%	2 2.6%	2 7.7%	0 0.0%	0 0.0%	6 4.8%	2 2.5%	2 5.4%	2 5.7%
Insulated (non-specific)	12 4.0%	0 0.0%	2 6.1%	3 4.2%	4 4.9%	2 2.2%	8 4.3%	3 3.9%	0 0.0%	1 7.7%	0 0.0%	4 3.2%	3 3.8%	3 8.1%	2 5.7%
Tinted	7 2.3%	0 0.0%	1 3.0%	2 2.8%	1 1.2%	3 3.3%	4 2.2%	3 3.9%	0 0.0%	0 0.0%	1 4.8%	2 1.6%	1 1.3%	1 2.7%	2 5.7%
R-factor	6 2.0%	0 0.0%	0 0.0%	1 1.4%	3 3.7%	2 2.2%	4 2.2%	2 2.6%	0 0.0%	0 0.0%	0 0.0%	3 2.4%	1 1.3%	1 2.7%	1 2.9%

(continued)

BREC End-Use and Energy Efficiency Survey (December 2007)

Table 20: If you were purchasing replacement windows for your home, what features would you look for?

(continued)

All JPE respondents

	Age					Type of home				Education					
	Total	18-34	35-44	45-54	55-64	65+	Single-story	Multi-story	Mobile	Other	<HS grad	HS grad	Some college	College grad	Post college
Unweighted Base	300	18	33	71	81	92	184	77	26	13	21	125	80	37	35
Base	300	18	33	71	81	92	184	77	26	13	21	125	80	37	35
Vinyl frame work	4 1.3%	0 0.0%	0 0.0%	2 2.8%	2 2.5%	0 0.0%	3 1.6%	1 1.3%	0 0.0%	0 0.0%	0 0.0%	3 2.4%	0 0.0%	0 0.0%	1 2.9%
Wood framed/wood core	4 1.3%	0 0.0%	1 3.0%	1 1.4%	2 2.5%	0 0.0%	3 1.6%	1 1.3%	0 0.0%	0 0.0%	0 0.0%	2 1.6%	1 1.3%	1 2.7%	0 0.0%
Safe locking mechanism	2 0.7%	0 0.0%	0 0.0%	0 0.0%	1 1.2%	1 1.1%	2 1.1%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	1 0.8%	0 0.0%	1 2.7%	0 0.0%
Aluminum sided	2 0.7%	0 0.0%	0 0.0%	1 1.4%	0 0.0%	1 1.1%	1 0.5%	0 0.0%	1 3.8%	0 0.0%	0 0.0%	0 0.0%	1 1.3%	1 2.7%	0 0.0%
Brand name	2 0.7%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	2 2.2% ++	2 1.1%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	2 1.6%	0 0.0%	0 0.0%	0 0.0%
Easy to open	2 0.7%	0 0.0%	1 3.0%	0 0.0%	0 0.0%	1 1.1%	1 0.5%	0 0.0%	1 3.8%	0 0.0%	0 0.0%	0 0.0%	1 1.3%	1 2.7%	0 0.0%
Childsafe/safety glass	2 0.7%	1 5.6%	0 0.0%	0 0.0%	1 1.2%	0 0.0%	1 0.5%	0 0.0%	0 0.0%	1 7.7%	0 0.0%	0 0.0%	2 2.5% ++	0 0.0%	0 0.0%
Blinds in the middle	2 0.7%	0 0.0%	0 0.0%	0 0.0%	2 2.5% ++	0 0.0%	1 0.5%	1 1.3%	0 0.0%	0 0.0%	0 0.0%	1 0.8%	0 0.0%	0 0.0%	1 2.9% +
Double hung	2 0.7%	0 0.0%	0 0.0%	1 1.4%	0 0.0%	1 1.1%	2 1.1%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	2 1.6%	0 0.0%	0 0.0%	0 0.0%
Reflected surface	2 0.7%	0 0.0%	0 0.0%	1 1.4%	0 0.0%	1 1.1%	1 0.5%	0 0.0%	1 3.8%	0 0.0%	0 0.0%	1 0.8%	0 0.0%	1 2.7%	0 0.0%

(continued)

BREC End-Use and Energy Efficiency Survey (December 2007)

Table 20: If you were purchasing replacement windows for your home, what features would you look for?

(continued)

All JPE respondents

	Total	Age					Type of home				Education				
		18-34	35-44	45-54	55-64	65+	Single-story	Multi-story	Mobile	Other	<HS grad	HS grad	Some college	College grad	Post college
Unweighted Base	300	18	33	71	81	92	184	77	26	13	21	125	80	37	35
Base	300	18	33	71	81	92	184	77	26	13	21	125	80	37	35
Looks	2 0.7%	0 0.0%	0 0.0%	1 1.4%	1 1.2%	0 0.0%	1 0.5%	1 1.3%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	1 1.3%	1 2.7%	0 0.0%
Lifetime warranty/good warranty	1 0.3%	0 0.0%	1 3.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	1 1.3%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	1 1.3%	0 0.0%	0 0.0%
EV ratings	1 0.3%	0 0.0%	0 0.0%	1 1.4%	0 0.0%	0 0.0%	1 0.5%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	1 1.3%	0 0.0%	0 0.0%
Crank-out windows	1 0.3%	0 0.0%	1 3.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	1 1.3%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	1 2.7%	0 0.0%
Price	1 0.3%	0 0.0%	1 3.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	1 1.3%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	1 1.3%	0 0.0%	0 0.0%
Thickness	1 0.3%	0 0.0%	0 0.0%	0 0.0%	1 1.2%	0 0.0%	0 0.0%	0 0.0%	1 3.8%	0 0.0%	0 0.0%	1 0.8%	0 0.0%	0 0.0%	0 0.0%
Glare resistant	1 0.3%	0 0.0%	0 0.0%	0 0.0%	1 1.2%	0 0.0%	0 0.0%	1 1.3%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	1 1.3%	0 0.0%	0 0.0%
Storm windows	1 0.3%	0 0.0%	0 0.0%	0 0.0%	1 1.2%	0 0.0%	1 0.5%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	1 0.8%	0 0.0%	0 0.0%	0 0.0%
Double insulation	1 0.3%	0 0.0%	1 3.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	1 1.3%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	1 2.9%
Weatherstripping	1 0.3%	1 5.6%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	1 0.5%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	1 1.3%	0 0.0%	0 0.0%

(continued)

BREC End-Use and Energy Efficiency Survey (December 2007)

Table 20: If you were purchasing replacement windows for your home, what features would you look for?

(continued)
All JPE respondents

	Age						Type of home				Education				
	Total	18-34	35-44	45-54	55-64	65+	Single-story	Multi-story	Mobile	Other	<HS grad	HS grad	Some college	College grad	Post college
Unweighted Base	300	18	33	71	81	92	184	77	26	13	21	125	80	37	35
Base	300	18	33	71	81	92	184	77	26	13	21	125	80	37	35
Fused	1 0.3%	0 0.0%	0 0.0%	0 0.0%	1 1.2%	0 0.0%	1 0.5%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	1 1.3%	0 0.0%	0 0.0%
Glue between panes	1 0.3%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	1 1.1%	1 0.5%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	1 2.7%	0 0.0%
Don't know	19 6.3%	2 11.1%	1 3.0%	1 1.4%	0 0.0%	11 12.0%	13 7.1%	2 2.6%	4 15.4%	0 0.0%	5 23.8%	5 4.0%	5 6.3%	1 2.7%	1 2.9%

(continued)

BREC End-Use and Energy Efficiency Survey (December 2007)

Table 20: If you were purchasing replacement windows for your home, what features would you look for?

All JPE respondents

	Total	Income					Overall Satisfaction		Age of home						Primary heating source			
		< \$15K	\$15K-\$25K	\$25K-\$40K	\$40-\$75K	> \$75K	Less than satis.	Satis.	<5 yrs	5-10	11-20	21-30	31-50	50+ yrs	Elec. furn.	HP/ geoth.	NG furn.	Prop. furn.
Unweighted Base	300	19	27	54	74	69	76	224	18	41	56	64	76	45	36	42	91	63
Base	300	19	27	54	74	69	76	224	18	41	56	64	76	45	36	42	91	63
Double-pane/multiple pane/more than one pane/encasement	159	7	19	26	45	34	48	111	10	22	20	37	45	25	19	24	43	37
	53.0%	36.8%	70.4%	48.1%	60.8%	49.3%	63.2%	49.6%	55.6%	53.7%	35.7%	57.8%	59.2%	55.6%	52.8%	57.1%	47.3%	58.7%
Tilt-in/easy to clean	109	6	11	22	28	20	28	81	2	11	22	26	33	15	13	12	34	24
	36.3%	31.6%	40.7%	40.7%	37.8%	29.0%	36.8%	36.2%	11.1%	26.8%	39.3%	40.6%	43.4%	33.3%	36.1%	28.6%	37.4%	38.1%
Energy-efficient (generic)	49	0	2	9	13	16	16	33	3	8	12	9	12	5	4	9	17	6
	16.3%	0.0%	7.4%	16.7%	17.6%	23.2%	21.1%	14.7%	16.7%	19.5%	21.4%	14.1%	15.8%	11.1%	11.1%	21.4%	18.7%	9.5%
Low-E coating/(clear) coating to prevent heat and UV rays from passing through the glass	29	0	1	5	7	13	7	22	4	5	7	8	3	2	4	4	7	6
	9.7%	0.0%	3.7%	9.3%	9.5%	18.8%	9.2%	9.8%	22.2%	12.2%	12.5%	12.5%	3.9%	4.4%	11.1%	9.5%	7.7%	9.5%
Air-tight/good seal	26	4	1	6	8	2	3	23	3	1	5	5	8	4	5	3	7	6
	8.7%	21.1%	3.7%	11.1%	10.8%	2.9%	3.9%	10.3%	16.7%	2.4%	8.9%	7.8%	10.5%	8.9%	13.9%	7.1%	7.7%	9.5%
Thermal	13	0	1	1	2	6	2	11	0	4	1	3	4	1	2	0	6	1
	4.3%	0.0%	3.7%	1.9%	2.7%	8.7%	2.6%	4.9%	0.0%	9.8%	1.8%	4.7%	5.3%	2.2%	5.6%	0.0%	6.6%	1.6%
Gas filled/gas between the panes	12	0	0	1	6	4	3	9	1	0	3	2	6	0	1	2	3	3
	4.0%	0.0%	0.0%	1.9%	8.1%	5.8%	3.9%	4.0%	5.6%	0.0%	5.4%	3.1%	7.9%	0.0%	2.8%	4.8%	3.3%	4.8%
Insulated (non-specific)	12	1	0	2	2	4	5	7	0	0	2	3	5	2	1	2	3	3
	4.0%	5.3%	0.0%	3.7%	2.7%	5.8%	6.6%	3.1%	0.0%	0.0%	3.6%	4.7%	6.6%	4.4%	2.8%	4.8%	3.3%	4.8%
Tinted	7	0	0	1	2	2	2	5	0	2	1	2	1	1	0	1	2	1
	2.3%	0.0%	0.0%	1.9%	2.7%	2.9%	2.6%	2.2%	0.0%	4.9%	1.8%	3.1%	1.3%	2.2%	0.0%	2.4%	2.2%	1.6%
R-factor	6	0	0	1	3	1	1	5	0	0	1	2	2	1	0	2	2	0
	2.0%	0.0%	0.0%	1.9%	4.1%	1.4%	1.3%	2.2%	0.0%	0.0%	1.8%	3.1%	2.6%	2.2%	0.0%	4.8%	2.2%	0.0%

(continued)

BREC End-Use and Energy Efficiency Survey (December 2007)

Table 20: If you were purchasing replacement windows for your home, what features would you look for?

(continued)

All JPE respondents

	Income					Overall Satisfaction		Age of home						Primary heating source				
	Total	< \$15K	\$15K-\$25K	\$25K-\$40K	\$40-\$75K	> \$75K	Less than satis.	Satis.	<5 yrs	5-10	11-20	21-30	31-50	50+ yrs	Elec. furn.	HP/ geoth.	NG furn.	Prop. furn.
Unweighted Base	300	19	27	54	74	69	76	224	18	41	56	64	76	45	36	42	91	63
Base	300	19	27	54	74	69	76	224	18	41	56	64	76	45	36	42	91	63
Vinyl frame work	4 1.3%	1 5.3%	1 3.7%	0 0.0%	1 1.4%	1 1.4%	2 2.6%	2 0.9%	1 5.6%	0 0.0%	0 0.0%	1 1.6%	1 1.3%	1 2.2%	0 0.0%	0 0.0%	1 1.1%	3 4.8% +++
Wood framed/wood core	4 1.3%	0 0.0%	0 0.0%	0 0.0%	1 1.4%	3 4.3% ++	1 1.3%	3 1.3%	1 5.6%	1 2.4%	0 0.0%	1 1.6%	0 0.0%	1 2.2%	0 0.0%	1 2.4%	1 1.1%	0 0.0%
Safe locking mechanism	2 0.7%	0 0.0%	0 0.0%	1 1.9%	1 1.4%	0 0.0%	1 1.3%	1 0.4%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	2 2.6% ++	0 0.0%	0 0.0%	0 0.0%	1 1.1%	1 1.6%
Aluminum sided	2 0.7%	0 0.0%	0 0.0%	1 1.9%	1 1.4%	0 0.0%	1 1.3%	1 0.4%	0 0.0%	0 0.0%	0 0.0%	1 1.6%	1 1.3%	0 0.0%	1 2.8% +	0 0.0%	0 0.0%	0 0.0%
Brand name	2 0.7%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	1 1.4%	0 0.0%	2 0.9%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	2 2.6% ++	0 0.0%	1 2.8% +	0 0.0%	0 0.0%	0 0.0%
Easy to open	2 0.7%	1 5.3%	0 0.0%	0 0.0%	1 1.4%	0 0.0%	1 1.3%	1 0.4%	1 5.6%	0 0.0%	0 0.0%	0 0.0%	1 1.3%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	1 1.6%
Childsafe/safety glass	2 0.7%	1 5.3%	1 3.7%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	2 0.9%	1 5.6%	0 0.0%	0 0.0%	1 1.6%	0 0.0%	0 0.0%	1 2.8% +	0 0.0%	1 1.1%	0 0.0%
Blinds in the middle	2 0.7%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	1 1.4%	0 0.0%	2 0.9%	0 0.0%	1 2.4%	0 0.0%	0 0.0%	1 1.3%	0 0.0%	0 0.0%	0 0.0%	2 2.2% ++	0 0.0%
Double hung	2 0.7%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	1 1.4%	0 0.0%	2 0.9%	0 0.0%	0 0.0%	0 0.0%	1 1.6%	1 1.3%	0 0.0%	1 2.8% +	0 0.0%	0 0.0%	1 1.6%

(continued)

BREC End-Use and Energy Efficiency Survey (December 2007)

Table 20: If you were purchasing replacement windows for your home, what features would you look for?

(continued)

All JPE respondents

	Total	Income					Overall Satisfaction		Age of home						Primary heating source			
		< \$15K	\$15K-\$25K	\$25K-\$40K	\$40-\$75K	> \$75K	Less than satis.	Satis.	<5 yrs	5-10	11-20	21-30	31-50	50+ yrs	Elec. furn.	HP/ geoth.	NG furn.	Prop. furn.
Unweighted Base	300	19	27	54	74	69	76	224	18	41	56	64	76	45	36	42	91	63
Base	300	19	27	54	74	69	76	224	18	41	56	64	76	45	36	42	91	63
Reflected surface	2 0.7%	0 0.0%	0 0.0%	0 0.0%	2 2.7%	0 0.0%	1 1.3%	1 0.4%	0 0.0%	0 0.0%	1 1.8%	0 0.0%	0 0.0%	1 2.2%	1 2.8%	0 0.0%	0 0.0%	1 1.6%
Looks	2 0.7%	0 0.0%	0 0.0%	0 0.0%	1 1.4%	1 1.4%	1 1.3%	1 0.4%	0 0.0%	0 0.0%	0 0.0%	1 1.6%	0 0.0%	1 2.2%	0 0.0%	0 0.0%	0 0.0%	0 0.0%
Lifetime warranty/good warranty	1 0.3%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	1 1.4%	1 1.3%	0 0.0%	1 5.6%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	1 1.1%	0 0.0%
EV ratings	1 0.3%	0 0.0%	0 0.0%	1 1.9%	0 0.0%	0 0.0%	0 0.0%	1 0.4%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	1 2.2%	0 0.0%	0 0.0%	1 1.1%	0 0.0%
Crank-out windows	1 0.3%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	1 1.4%	0 0.0%	1 0.4%	0 0.0%	0 0.0%	0 0.0%	1 1.6%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	1 1.1%	0 0.0%
Price	1 0.3%	0 0.0%	0 0.0%	1 1.9%	0 0.0%	0 0.0%	0 0.0%	1 0.4%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	1 2.2%	0 0.0%	0 0.0%	1 1.1%	0 0.0%
Thickness	1 0.3%	0 0.0%	1 3.7%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	1 0.4%	0 0.0%	0 0.0%	1 1.8%	0 0.0%	0 0.0%	0 0.0%	1 2.8%	0 0.0%	0 0.0%	0 0.0%
Glare resistant	1 0.3%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	1 0.4%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	1 1.3%	0 0.0%	0 0.0%	0 0.0%	1 1.1%	0 0.0%
Storm windows	1 0.3%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	1 0.4%	0 0.0%	0 0.0%	0 0.0%	1 1.6%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	1 1.6%

(continued)

BREC End-Use and Energy Efficiency Survey (December 2007)

Table 20: If you were purchasing replacement windows for your home, what features would you look for?

(continued)

All JPE respondents

	Income					Overall Satisfaction		Age of home						Primary heating source				
	Total	< \$15K	\$15K-\$25K	\$25K-\$40K	\$40-\$75K	> \$75K	Less than satis.	Satis.	<5 yrs	5-10	11-20	21-30	31-50	50+ yrs	Elec. furn.	HP/ geoth.	NG furn.	Prop. furn.
Unweighted Base	300	19	27	54	74	69	76	224	18	41	56	64	76	45	36	42	91	63
Base	300	19	27	54	74	69	76	224	18	41	56	64	76	45	36	42	91	63
Double insulation	1 0.3%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	1 1.4%	0 0.0%	1 0.4%	0 0.0%	1 2.4%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	1 1.1%	0 0.0%
Weatherstripping	1 0.3%	0 0.0%	0 0.0%	0 0.0%	1 1.4%	0 0.0%	1 1.3%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	1 1.3%	0 0.0%	1 2.8%	0 0.0%	0 0.0%	0 0.0%
Fused	1 0.3%	0 0.0%	1 3.7%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	1 0.4%	0 0.0%	0 0.0%	0 0.0%	1 1.6%	0 0.0%	0 0.0%	0 0.0%	1 2.4%	0 0.0%	0 0.0%
Glue between panes	1 0.3%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	1 1.4%	0 0.0%	1 0.4%	0 0.0%	1 2.4%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	1 1.6%
Don't know	19 6.3%	4 21.1%	1 3.7%	0 0.0%	5 6.8%	1 1.4%	3 3.9%	16 7.1%	1 5.6%	3 7.3%	3 5.4%	2 3.1%	4 5.3%	6 13.3%	3 8.3%	3 7.1%	6 6.6%	2 3.2%

BREC End-Use and Energy Efficiency Survey (December 2007)

Table 21: If you went to a store to purchase a new appliance, what would you be looking for to let you know that the product was energy-efficient?

All JPE respondents

	Gender		Financial burden of the electric bill			Number of people in the home					Length of time served by co-op					
	Total	Male	Female	Not too much	Some	Quite a bit	1	2	3	4	5+	<5 yrs.	5-10	11-15	16-25	>25 yrs.
Unweighted Base	300	141	159	156	108	34	41	162	45	35	15	23	38	36	62	141
Base	300	141	159	156	108	34	41	162	45	35	15	23	38	36	62	141
"The ratings"/tag/numbers on the appliance—generic	101 34.0%	46 32.9%	55 35.0%	46 29.7%	45 41.7%	10 31.3%	13 31.7%	50 31.3%	19 43.2%	15 42.9%	4 26.7%	5 21.7%	10 26.3%	12 33.3%	23 37.1%	51 37.0%
Big yellow sticker with energy information	69 23.2%	40 28.6%	29 18.5%	40 25.8%	22 20.4%	7 21.9%	10 24.4%	35 21.9%	11 25.0%	8 22.9%	5 33.3%	7 30.4%	9 23.7%	9 25.0%	18 29.0%	26 18.8%
An Energy Star rating from the U.S. government	45 15.2%	21 15.0%	24 15.3%	30 19.4%	13 12.0%	2 6.3%	5 12.2%	20 12.5%	8 18.2%	8 22.9%	4 26.7%	7 30.4%	11 28.9%	7 19.4%	8 12.9%	12 8.7%
Information from salesman/dealer	5 1.7%	0 0.0%	5 3.2%	4 2.6%	0 0.0%	1 3.1%	2 4.9%	3 1.9%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	1 2.8%	1 1.6%	3 2.2%
Name brand	3 1.0%	2 1.4%	1 0.6%	1 0.6%	2 1.9%	0 0.0%	0 0.0%	2 1.3%	1 2.3%	0 0.0%	0 0.0%	1 4.3%	1 2.6%	0 0.0%	0 0.0%	1 0.7%
Talk to the dealer	2 0.7%	0 0.0%	2 1.3%	1 0.6%	0 0.0%	1 3.1%	0 0.0%	2 1.3%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	2 1.4%
The price	1 0.3%	0 0.0%	1 0.6%	1 0.6%	0 0.0%	0 0.0%	0 0.0%	1 0.6%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	1 2.6%	0 0.0%	0 0.0%	0 0.0%
Don't know	71 23.9%	31 22.1%	40 25.5%	32 20.6%	26 24.1%	11 34.4%	11 26.8%	47 29.4%	5 11.4%	4 11.4%	2 13.3%	3 13.0%	6 15.8%	7 19.4%	12 19.4%	43 31.2%
No Response	3	1	2	1	0	2	0	2	1	0	0	0	0	0	0	3

(continued)

BREC End-Use and Energy Efficiency Survey (December 2007)

Table 21: If you went to a store to purchase a new appliance, what would you be looking for to let you know that the product was energy-efficient?

All JPE respondents

	Total	Age					Type of home				Education				
		18-34	35-44	45-54	55-64	65+	Single-story	Multi-story	Mobile	Other	<HS grad	HS grad	Some college	College grad	Post college
Unweighted Base	300	18	33	71	81	92	184	77	26	13	21	125	80	37	35
Base	300	18	33	71	81	92	184	77	26	13	21	125	80	37	35
"The ratings"/tag/numbers on the appliance—generic	101 34.0%	3 16.7%	8 24.2%	29 40.8%	29 36.3%	30 33.3%	61 33.3%	26 34.7%	8 30.8%	6 46.2%	3 15.0%	43 35.0%	30 37.5%	10 27.0%	15 42.9%
Big yellow sticker with energy information	69 23.2%	0 0.0%	14 42.4%	14 19.7%	21 26.3%	19 21.1%	39 21.3%	20 26.7%	9 34.6%	1 7.7%	2 10.0%	31 25.2%	14 17.5%	14 37.8%	8 22.9%
An Energy Star rating from the U.S. government	45 15.2%	11 61.1%	7 21.2%	14 19.7%	10 12.5%	3 3.3%	26 14.2%	13 17.3%	4 15.4%	2 15.4%	2 10.0%	15 12.2%	15 18.8%	9 24.3%	4 11.4%
Information from salesman/dealer	5 1.7%	0 0.0%	0 0.0%	0 0.0%	3 3.8%	2 2.2%	3 1.6%	2 2.7%	0 0.0%	0 0.0%	1 5.0%	1 0.8%	2 2.5%	0 0.0%	1 2.9%
Name brand	3 1.0%	1 5.6%	0 0.0%	0 0.0%	2 2.5%	0 0.0%	2 1.1%	1 1.3%	0 0.0%	0 0.0%	0 0.0%	2 1.6%	1 1.3%	0 0.0%	0 0.0%
Talk to the dealer	2 0.7%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	2 2.2%	1 0.5%	0 0.0%	1 3.8%	0 0.0%	0 0.0%	1 0.8%	0 0.0%	0 0.0%	1 2.9%
The price	1 0.3%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	1 1.1%	1 0.5%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	1 0.8%	0 0.0%	0 0.0%	0 0.0%
Don't know	71 23.9%	3 16.7%	4 12.1%	14 19.7%	15 18.8%	33 36.7%	50 27.3%	13 17.3%	4 15.4%	4 30.8%	12 60.0%	29 23.6%	18 22.5%	4 10.8%	6 17.1%
No Response	3	0	0	0	1	2	1	2	0	0	1	2	0	0	0

(continued)

BREC End-Use and Energy Efficiency Survey (December 2007)

Table 21: If you went to a store to purchase a new appliance, what would you be looking for to let you know that the product was energy-efficient?

All JPE respondents

	Total	Income					Overall Satisfaction		Age of home						Primary heating source			
		< \$15K	\$15K-\$25K	\$25K-\$40K	\$40-\$75K	> \$75K	Less than satis.	Satis.	<5 yrs	5-10	11-20	21-30	31-50	50+ yrs	Elec. furn.	HP/ geoth.	NG furn.	Prop. furn.
Unweighted Base	300	19	27	54	74	69	76	224	18	41	56	64	76	45	36	42	91	63
Base	300	19	27	54	74	69	76	224	18	41	56	64	76	45	36	42	91	63
"The ratings"/tag/numbers on the appliance—generic	101 34.0%	4 22.2%	8 29.6%	20 37.0%	25 34.2%	23 33.3%	25 33.3%	76 34.2%	6 33.3%	14 34.1%	16 29.1%	21 33.3%	32 42.1%	12 27.3%	17 47.2%	15 35.7%	27 29.7%	21 33.9%
Big yellow sticker with energy information	69 23.2%	5 27.8%	8 29.6%	10 18.5%	22 30.1%	19 27.5%	23 30.7%	46 20.7%	5 27.8%	10 24.4%	16 29.1%	12 19.0%	15 19.7%	11 25.0%	4 11.1%	6 14.3%	27 29.7%	17 27.4%
An Energy Star rating from the U.S. government	45 15.2%	3 16.7%	3 11.1%	6 11.1%	10 13.7%	17 24.6%	15 20.0%	30 13.5%	4 22.2%	6 14.6%	8 14.5%	9 14.3%	9 11.8%	9 20.5%	6 16.7%	7 16.7%	13 14.3%	10 16.1%
Information from salesman/dealer	5 1.7%	1 5.6%	1 3.7%	0 0.0%	0 0.0%	1 1.4%	2 2.7%	3 1.4%	0 0.0%	1 2.4%	1 1.8%	1 1.6%	1 1.3%	1 2.3%	0 0.0%	1 2.4%	3 3.3%	0 0.0%
Name brand	3 1.0%	0 0.0%	0 0.0%	0 0.0%	3 4.1%	0 0.0%	0 0.0%	3 1.4%	0 0.0%	2 4.9%	0 0.0%	1 1.6%	0 0.0%	0 0.0%	1 2.8%	1 2.4%	1 1.1%	0 0.0%
Talk to the dealer	2 0.7%	0 0.0%	0 0.0%	0 0.0%	1 1.4%	0 0.0%	0 0.0%	2 0.9%	0 0.0%	1 2.4%	0 0.0%	0 0.0%	1 1.3%	0 0.0%	1 2.8%	0 0.0%	0 0.0%	1 1.6%
The price	1 0.3%	0 0.0%	0 0.0%	1 1.9%	0 0.0%	0 0.0%	0 0.0%	1 0.5%	1 5.6%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	1 1.6%
Don't know	71 23.9%	5 27.8%	7 25.9%	17 31.5%	12 16.4%	9 13.0%	10 13.3%	61 27.5%	2 11.1%	7 17.1%	14 25.5%	19 30.2%	18 23.7%	11 25.0%	7 19.4%	12 28.6%	20 22.0%	12 19.4%
No Response	3	1	0	0	1	0	1	2	0	0	1	1	0	1	0	0	0	1

BREC End-Use and Energy Efficiency Survey (December 2007)

Table 22: How do you think your cooperative's average rate for electricity compares to the national average? Would you guess that [CO-OP]'s rate is:

All JPE respondents

	Gender		Financial burden of the electric bill			Number of people in the home					Length of time served by co-op					
	Total	Male	Female	Not too much	Some	Quite a bit	1	2	3	4	5+	<5 yrs.	5-10	11-15	16-25	>25 yrs.
Unweighted Base	300	141	159	156	108	34	41	162	45	35	15	23	38	36	62	141
Base	300	141	159	156	108	34	41	162	45	35	15	23	38	36	62	141
Much lower	45 15.0%	20 14.2%	25 15.7%	27 17.3%	15 13.9%	3 8.8%	8 19.5%	27 16.7%	2 4.4%	4 11.4%	4 26.7%	3 13.0%	5 13.2%	3 8.3%	5 8.1%	29 20.6%
Somewhat lower	123 41.0%	70 49.6%	53 33.3%	71 45.5%	43 39.8%	9 26.5%	16 39.0%	72 44.4%	22 48.9%	8 22.9%	5 33.3%	10 43.5%	11 28.9%	18 50.0%	25 40.3%	59 41.8%
About the same	98 32.7%	36 25.5%	62 39.0%	46 29.5%	40 37.0%	12 35.3%	12 29.3%	47 29.0%	15 33.3%	19 54.3%	5 33.3%	9 39.1%	18 47.4%	13 36.1%	26 41.9%	32 22.7%
Somewhat higher	16 5.3%	8 5.7%	8 5.0%	4 2.6%	6 5.6%	6 17.6%	2 4.9%	9 5.6%	3 6.7%	1 2.9%	0 0.0%	1 4.3%	1 2.6%	0 0.0%	3 4.8%	11 7.8%
Much higher than the national average	5 1.7%	1 0.7%	4 2.5%	3 1.9%	1 0.9%	1 2.9%	0 0.0%	0 0.0%	2 4.4%	3 8.6%	0 0.0%	0 0.0%	1 2.6%	1 2.8%	2 3.2%	1 0.7%
Refused to guess	13 4.3%	6 4.3%	7 4.4%	5 3.2%	3 2.8%	3 8.8%	3 7.3%	7 4.3%	1 2.2%	0 0.0%	1 6.7%	0 0.0%	2 5.3%	1 2.8%	1 1.6%	9 6.4%
Chi Square		10.64 .059		20.56 .024			35.98 .015					27.46 .123				

(continued)

BREC End-Use and Energy Efficiency Survey (December 2007)

Table 22: How do you think your cooperative's average rate for electricity compares to the national average? Would you guess that [CO-OP]'s rate is:

All JPE respondents

	Total	Age					Type of home				Education				
		18-34	35-44	45-54	55-64	65+	Single-story	Multi-story	Mobile	Other	<HS grad	HS grad	Some college	College grad	Post college
Unweighted Base	300	18	33	71	81	92	184	77	26	13	21	125	80	37	35
Base	300	18	33	71	81	92	184	77	26	13	21	125	80	37	35
Much lower	45 15.0%	2 11.1%	5 15.2%	8 11.3%	12 14.8%	18 19.6%	31 16.8%	10 13.0%	1 3.8%	3 23.1%	5 23.8%	18 14.4%	13 16.3%	4 10.8%	5 14.3%
Somewhat lower	123 41.0%	7 38.9%	8 24.2%	24 33.8%	39 48.1%	43 46.7%	75 40.8%	37 48.1%	8 30.8%	3 23.1%	9 42.9%	42 33.6%	34 42.5%	18 48.6%	19 54.3%
About the same	98 32.7%	6 33.3%	17 51.5%	34 47.9%	21 25.9%	20 21.7%	56 30.4%	26 33.8%	11 42.3%	5 38.5%	3 14.3%	52 41.6%	25 31.3%	10 27.0%	8 22.9%
Somewhat higher	16 5.3%	1 5.6%	0 0.0%	3 4.2%	5 6.2%	6 6.5%	10 5.4%	2 2.6%	3 11.5%	1 7.7%	2 9.5%	6 4.8%	5 6.3%	2 5.4%	1 2.9%
Much higher than the national average	5 1.7%	1 5.6%	2 6.1%	2 2.8%	0 0.0%	0 0.0%	3 1.6%	1 1.3%	0 0.0%	1 7.7%	0 0.0%	3 2.4%	0 0.0%	1 2.7%	1 2.9%
Refused to guess	13 4.3%	1 5.6%	1 3.0%	0 0.0%	4 4.9%	5 5.4%	9 4.9%	1 1.3%	3 11.5%	0 0.0%	2 9.5%	4 3.2%	3 3.8%	2 5.4%	1 2.9%
Chi Square				34.86 .021				19.02 .213				18.00 .587			

(continued)

BREC End-Use and Energy Efficiency Survey (December 2007)

Table 22: How do you think your cooperative's average rate for electricity compares to the national average? Would you guess that [CO-OP]'s rate is:

All JPE respondents

	Income						Overall Satisfaction		Age of home						Primary heating source			
	Total	< \$15K	\$15K-\$25K	\$25K-\$40K	\$40-\$75K	> \$75K	Less than satis.	Satis.	<5 yrs	5-10	11-20	21-30	31-50	50+ yrs	Elec. furn.	HP/ geoth.	NG furn.	Prop. furn.
Unweighted Base	300	19	27	54	74	69	76	224	18	41	56	64	76	45	36	42	91	63
Base	300	19	27	54	74	69	76	224	18	41	56	64	76	45	36	42	91	63
Much lower	45 15.0%	4 21.1%	5 18.5%	11 20.4%	8 10.8%	9 13.0%	11 14.5%	34 15.2%	3 16.7%	3 7.3%	9 16.1%	8 12.5%	9 11.8%	13 28.9%	3 8.3%	5 11.9%	14 15.4%	9 14.3%
Somewhat lower	123 41.0%	6 31.6%	17 63.0%	17 31.5%	34 45.9%	31 44.9%	27 35.5%	96 42.9%	9 50.0%	16 39.0%	18 32.1%	23 35.9%	44 57.9%	13 28.9%	12 33.3%	20 47.6%	35 38.5%	23 36.5%
About the same	98 32.7%	6 31.6%	3 11.1%	25 46.3%	25 33.8%	22 31.9%	29 38.2%	69 30.8%	4 22.2%	17 41.5%	22 39.3%	23 35.9%	19 25.0%	13 28.9%	17 47.2%	14 33.3%	33 36.3%	23 36.5%
Somewhat higher	16 5.3%	2 10.5%	2 7.4%	0 0.0%	5 6.8%	1 1.4%	4 5.3%	12 5.4%	1 5.6%	2 4.9%	2 3.6%	8 12.5%	1 1.3%	2 4.4%	1 2.8%	2 4.8%	5 5.5%	3 4.8%
Much higher than the national average	5 1.7%	0 0.0%	0 0.0%	0 0.0%	1 1.4%	2 2.9%	4 5.3%	1 0.4%	0 0.0%	0 0.0%	2 3.6%	1 1.6%	1 1.3%	1 2.2%	1 2.8%	1 2.4%	0 0.0%	1 1.6%
Refused to guess	13 4.3%	1 5.3%	0 0.0%	1 1.9%	1 1.4%	4 5.8%	1 1.3%	12 5.4%	1 5.6%	3 7.3%	3 5.4%	1 1.6%	2 2.6%	3 6.7%	2 5.6%	0 0.0%	4 4.4%	4 6.3%
Chi Square				28.49 .098			11.74 .039				35.58 .078					8.60 .898		

BREC End-Use and Energy Efficiency Survey (December 2007)

Table 23: Were you aware that [CO-OP]'s Web site—URL—has a lot of information regarding energy efficiency including an energy library, helpful money-saving tips, calculators to determine energy usage, and many other tools designed to answer your questions regarding energy-related matters? *IF YES*: Have you visited the site specifically for energy information in the past 6 months?

All JPE respondents

	Total	Gender		Financial burden of the electric bill			Number of people in the home					Length of time served by co-op				
		Male	Female	Not too much	Some	Quite a bit	1	2	3	4	5+	<5 yrs.	5-10	11-15	16-25	>25 yrs.
Unweighted Base	300	141	159	156	108	34	41	162	45	35	15	23	38	36	62	141
Base	300	141	159	156	108	34	41	162	45	35	15	23	38	36	62	141
Was aware the site had the information; have not visited it for that	79 26.3%	42 29.8%	37 23.3%	45 28.8%	24 22.2%	10 29.4%	13 31.7%	41 25.3%	11 24.4%	12 34.3%	1 6.7%	3 13.0%	10 26.3%	10 27.8%	17 27.4%	39 27.7%
Have visited the site for such information	9 3.0%	6 4.3%	3 1.9%	6 3.8%	3 2.8%	0 0.0%	1 2.4%	3 1.9%	2 4.4%	1 2.9%	2 13.3%	2 8.7%	3 7.9%	1 2.8%	1 1.6%	2 1.4%
Was not aware the site had such information	212 70.7%	93 66.0%	119 74.8%	105 67.3%	81 75.0%	24 70.6%	27 65.9%	118 72.8%	32 71.1%	22 62.9%	12 80.0%	18 78.3%	25 65.8%	25 69.4%	44 71.0%	100 70.9%
Chi Square			3.44 .179		3.11 .539			10.73 .217					9.12 .332			

(continued)

BREC End-Use and Energy Efficiency Survey (December 2007)

Table 23: Were you aware that [CO-OP]'s Web site—URL—has a lot of information regarding energy efficiency including an energy library, helpful money-saving tips, calculators to determine energy usage, and many other tools designed to answer your questions regarding energy-related matters? *IF YES*: Have you visited the site specifically for energy information in the past 6 months?

All JPE respondents

	Total	Age					Type of home				Education				
		18-34	35-44	45-54	55-64	65+	Single-story	Multi-story	Mobile	Other	<HS grad	HS grad	Some college	College grad	Post college
Unweighted Base	300	18	33	71	81	92	184	77	26	13	21	125	80	37	35
Base	300	18	33	71	81	92	184	77	26	13	21	125	80	37	35
Was aware the site had the information; have not visited it for that	79 26.3%	5 27.8%	5 15.2%	21 29.6%	16 19.8%	30 32.6%	48 26.1%	20 26.0%	8 30.8%	3 23.1%	6 28.6%	32 25.6%	18 22.5%	15 40.5%	7 20.0%
Have visited the site for such information	9 3.0%	3 16.7%	3 9.1%	0 0.0%	2 2.5%	1 1.1%	4 2.2%	4 5.2%	0 0.0%	1 7.7%	0 0.0%	3 2.4%	2 2.5%	1 2.7%	3 8.6%
Was not aware the site had such information	212 70.7%	10 55.6%	25 75.8%	50 70.4%	63 77.8%	61 66.3%	132 71.7%	53 68.8%	18 69.2%	9 69.2%	15 71.4%	90 72.0%	60 75.0%	21 56.8%	25 71.4%
Chi Square				24.44 .002				3.72 .714					9.61 .294		

(continued)

BREC End-Use and Energy Efficiency Survey (December 2007)

Table 23: Were you aware that [CO-OP]'s Web site—URL—has a lot of information regarding energy efficiency including an energy library, helpful money-saving tips, calculators to determine energy usage, and many other tools designed to answer your questions regarding energy-related matters? *IF YES: Have you visited the site specifically for energy information in the past 6 months?*

All JPE respondents

	Total	Income					Overall Satisfaction		Age of home						Primary heating source			
		< \$15K	\$15K-\$25K	\$25K-\$40K	\$40-\$75K	> \$75K	Less than satis.	Satis.	<5 yrs	5-10	11-20	21-30	31-50	50+ yrs	Elec. furn.	HP/ geoth.	NG furn.	Prop. furn.
Unweighted Base	300	19	27	54	74	69	76	224	18	41	56	64	76	45	36	42	91	63
Base	300	19	27	54	74	69	76	224	18	41	56	64	76	45	36	42	91	63
Was aware the site had the information; have not visited it for that	79 26.3%	8 42.1%	4 14.8%	15 27.8%	18 24.3%	19 27.5%	14 18.4%	65 29.0%	5 27.8%	15 36.6%	13 23.2%	13 20.3%	13 17.1%	20 44.4%	5 13.9%	12 28.6%	30 33.0%	13 20.6%
Have visited the site for such information	9 3.0%	0 0.0%	1 3.7%	3 5.6%	1 1.4%	4 5.8%	2 2.6%	7 3.1%	1 5.6%	3 7.3%	2 3.6%	0 0.0%	1 1.3%	2 4.4%	2 5.6%	3 7.1%	3 3.3%	1 1.6%
Was not aware the site had such information	212 70.7%	11 57.9%	22 81.5%	36 66.7%	55 74.3%	46 66.7%	60 78.9%	152 67.9%	12 66.7%	23 56.1%	41 73.2%	51 79.7%	62 81.6%	23 51.1%	29 80.6%	27 64.3%	58 63.7%	49 77.8%
Chi Square				7.77 .456			3.45 .178				22.53 .013					8.72 .190		

BREC End-Use and Energy Efficiency Survey (December 2007)

Table 24: Next, I'd like you to think about your electric bill as it relates to your home's overall budget and your finances. On a scale of 1 to 10, with 10 being a "significant financial burden" and 1 being "not a financial burden at all," how would you rate your electric bill's impact on your household?

All JPE respondents

	Gender		Financial burden of the electric bill			Number of people in the home					Length of time served by co-op					
	Total	Male	Female	Not too much	Some	Quite a bit	1	2	3	4	5+	<5 yrs.	5-10	11-15	16-25	>25 yrs.
Unweighted Base	300	141	159	156	108	34	41	162	45	35	15	23	38	36	62	141
Base	300	141	159	156	108	34	41	162	45	35	15	23	38	36	62	141
Not too much	156	71	85	156	0	0	17	85	25	22	7	13	25	19	36	63
	52.0%	50.4%	53.5%	100.0%	0.0%	0.0%	41.5%	52.5%	55.6%	62.9%	46.7%	56.5%	65.8%	52.8%	58.1%	44.7%
				+++									+			-
1—not a financial burden at all	53	19	34	53	0	0	6	34	7	5	1	3	8	8	12	22
	17.7%	13.5%	21.4%	34.0%	0.0%	0.0%	14.6%	21.0%	15.6%	14.3%	6.7%	13.0%	21.1%	22.2%	19.4%	15.6%
				+++												
2	18	4	14	18	0	0	2	8	3	5	0	2	2	1	6	7
	6.0%	2.8%	8.8%	11.5%	0.0%	0.0%	4.9%	4.9%	6.7%	14.3%	0.0%	8.7%	5.3%	2.8%	9.7%	5.0%
				+++												
3	49	30	19	49	0	0	4	29	5	5	6	6	8	4	11	20
	16.3%	21.3%	11.9%	31.4%	0.0%	0.0%	9.8%	17.9%	11.1%	14.3%	40.0%	26.1%	21.1%	11.1%	17.7%	14.2%
				+++												
4	36	18	18	36	0	0	5	14	10	7	0	2	7	6	7	14
	12.0%	12.8%	11.3%	23.1%	0.0%	0.0%	12.2%	8.6%	22.2%	20.0%	0.0%	8.7%	18.4%	16.7%	11.3%	9.9%
				+++												
Some	108	59	49	0	108	0	17	59	14	10	7	10	12	15	18	53
	36.0%	41.8%	30.8%	0.0%	100.0%	0.0%	41.5%	36.4%	31.1%	28.6%	46.7%	43.5%	31.6%	41.7%	29.0%	37.6%
				+++												
5	63	36	27	0	63	0	10	36	9	4	4	4	7	7	10	35
	21.0%	25.5%	17.0%	0.0%	58.3%	0.0%	24.4%	22.2%	20.0%	11.4%	26.7%	17.4%	18.4%	19.4%	16.1%	24.8%
				+++												
6	23	10	13	0	23	0	5	12	3	0	2	4	4	2	4	9
	7.7%	7.1%	8.2%	0.0%	21.3%	0.0%	12.2%	7.4%	6.7%	0.0%	13.3%	17.4%	10.5%	5.6%	6.5%	6.4%
				+++												

(continued)

BREC End-Use and Energy Efficiency Survey (December 2007)

Table 24: Next, I'd like you to think about your electric bill as it relates to your home's overall budget and your finances. On a scale of 1 to 10, with 10 being a "significant financial burden" and 1 being "not a financial burden at all," how would you rate your electric bill's impact on your household?

(continued)

All JPE respondents

	Total	Gender		Financial burden of the electric bill			Number of people in the home					Length of time served by co-op				
		Male	Female	Not too much	Some	Quite a bit	1	2	3	4	5+	<5 yrs.	5-10	11-15	16-25	>25 yrs.
Unweighted Base	300	141	159	156	108	34	41	162	45	35	15	23	38	36	62	141
Base	300	141	159	156	108	34	41	162	45	35	15	23	38	36	62	141
7	22 7.3%	13 9.2%	9 5.7%	0 0.0%	22 20.4%	0 0.0%	2 4.9%	11 6.8%	2 4.4%	6 17.1%	1 6.7%	2 8.7%	1 2.6%	6 16.7%	4 6.5%	9 6.4%
Quite a bit	34 11.3%	11 7.8%	23 14.5%	0 0.0%	0 0.0%	34 100.0%	7 17.1%	17 10.5%	6 13.3%	3 8.6%	1 6.7%	0 0.0%	1 2.6%	2 5.6%	8 12.9%	23 16.3%
8	28 9.3%	8 5.7%	20 12.6%	0 0.0%	0 0.0%	28 82.4%	6 14.6%	13 8.0%	5 11.1%	3 8.6%	1 6.7%	0 0.0%	1 2.6%	2 5.6%	6 9.7%	19 13.5%
9	3 1.0%	1 0.7%	2 1.3%	0 0.0%	0 0.0%	3 8.8%	1 2.4%	1 0.6%	1 2.2%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	1 1.6%	2 1.4%
10—significant financial burden	3 1.0%	2 1.4%	1 0.6%	0 0.0%	0 0.0%	3 8.8%	0 0.0%	3 1.9%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	1 1.6%	2 1.4%
Not applicable	2 0.7%	0 0.0%	2 1.3%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	1 0.6%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	2 1.4%
Don't know/refused	2 0.7%	0 0.0%	2 1.3%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	1 0.6%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	2 1.4%
Chi Square			21.48 .018		596.00 .001				43.78 .314					33.46 .758		

(continued)

BREC End-Use and Energy Efficiency Survey (December 2007)

Table 24: Next, I'd like you to think about your electric bill as it relates to your home's overall budget and your finances. On a scale of 1 to 10, with 10 being a "significant financial burden" and 1 being "not a financial burden at all," how would you rate your electric bill's impact on your household?

All JPE respondents

	Age						Type of home				Education				
	Total	18-34	35-44	45-54	55-64	65+	Single-story	Multi-story	Mobile	Other	<HS grad	HS grad	Some college	College grad	Post college
Unweighted Base	300	18	33	71	81	92	184	77	26	13	21	125	80	37	35
Base	300	18	33	71	81	92	184	77	26	13	21	125	80	37	35
<u>Not too much</u>	156	14	21	34	41	46	94	45	12	5	8	61	47	20	20
	52.0%	77.8%	63.6%	47.9%	50.6%	50.0%	51.1%	58.4%	46.2%	38.5%	38.1%	48.8%	58.8%	54.1%	57.1%
1—not a financial burden at all	53	4	5	10	14	20	32	16	5	0	5	24	12	4	8
	17.7%	22.2%	15.2%	14.1%	17.3%	21.7%	17.4%	20.8%	19.2%	0.0%	23.8%	19.2%	15.0%	10.8%	22.9%
2	18	1	5	2	5	5	9	8	1	0	0	5	4	4	5
	6.0%	5.6%	15.2%	2.8%	6.2%	5.4%	4.9%	10.4%	3.8%	0.0%	0.0%	4.0%	5.0%	10.8%	14.3%
			++					+							++
3	49	4	7	13	12	13	32	9	5	3	1	23	17	4	4
	16.3%	22.2%	21.2%	18.3%	14.8%	14.1%	17.4%	11.7%	19.2%	23.1%	4.8%	18.4%	21.3%	10.8%	11.4%
4	36	5	4	9	10	8	21	12	1	2	2	9	14	8	3
	12.0%	27.8%	12.1%	12.7%	12.3%	8.7%	11.4%	15.6%	3.8%	15.4%	9.5%	7.2%	17.5%	21.6%	8.6%
												--	+	+	
<u>Some</u>	108	4	8	32	32	29	67	23	12	6	8	44	29	13	14
	36.0%	22.2%	24.2%	45.1%	39.5%	31.5%	36.4%	29.9%	46.2%	46.2%	38.1%	35.2%	36.3%	35.1%	40.0%
				+											
5	63	3	7	16	14	20	40	16	6	1	2	24	19	6	12
	21.0%	16.7%	21.2%	22.5%	17.3%	21.7%	21.7%	20.8%	23.1%	7.7%	9.5%	19.2%	23.8%	16.2%	34.3%
															++
6	23	1	1	9	8	4	11	2	5	5	4	8	5	5	1
	7.7%	5.6%	3.0%	12.7%	9.9%	4.3%	6.0%	2.6%	19.2%	38.5%	19.0%	6.4%	6.3%	13.5%	2.9%
				+				-							
7	22	0	0	7	10	5	16	5	1	0	2	12	5	2	1
	7.3%	0.0%	0.0%	9.9%	12.3%	5.4%	8.7%	6.5%	3.8%	0.0%	9.5%	9.6%	6.3%	5.4%	2.9%
					++										

(continued)

BREC End-Use and Energy Efficiency Survey (December 2007)

Table 24: Next, I'd like you to think about your electric bill as it relates to your home's overall budget and your finances. On a scale of 1 to 10, with 10 being a "significant financial burden" and 1 being "not a financial burden at all," how would you rate your electric bill's impact on your household?

(continued)

All JPE respondents

	Age						Type of home				Education				
	Total	18-34	35-44	45-54	55-64	65+	Single-story	Multi-story	Mobile	Other	<HS grad	HS grad	Some college	College grad	Post college
Unweighted Base	300	18	33	71	81	92	184	77	26	13	21	125	80	37	35
Base	300	18	33	71	81	92	184	77	26	13	21	125	80	37	35
Quite a bit	34	0	4	5	7	17	22	9	1	2	4	20	4	4	1
	11.3%	0.0%	12.1%	7.0%	8.6%	18.5%	12.0%	11.7%	3.8%	15.4%	19.0%	16.0%	5.0%	10.8%	2.9%
						+++						++	-		-
8	28	0	4	4	6	14	17	8	1	2	2	19	3	3	1
	9.3%	0.0%	12.1%	5.6%	7.4%	15.2%	9.2%	10.4%	3.8%	15.4%	9.5%	15.2%	3.8%	8.1%	2.9%
						++						+++	--		
9	3	0	0	1	1	1	3	0	0	0	1	0	1	1	0
	1.0%	0.0%	0.0%	1.4%	1.2%	1.1%	1.6%	0.0%	0.0%	0.0%	4.8%	0.0%	1.3%	2.7%	0.0%
10—significant financial burden	3	0	0	0	0	2	2	1	0	0	1	1	0	0	0
	1.0%	0.0%	0.0%	0.0%	0.0%	2.2%	1.1%	1.3%	0.0%	0.0%	4.8%	0.8%	0.0%	0.0%	0.0%
Not applicable	2	0	0	0	1	0	1	0	1	0	1	0	0	0	0
	0.7%	0.0%	0.0%	0.0%	1.2%	0.0%	0.5%	0.0%	3.8%	0.0%	4.8%	0.0%	0.0%	0.0%	0.0%
Don't know/refused	2	0	0	0	1	0	1	0	1	0	1	0	0	0	0
	0.7%	0.0%	0.0%	0.0%	1.2%	0.0%	0.5%	0.0%	3.8%	0.0%	4.8%	0.0%	0.0%	0.0%	0.0%
Chi Square				40.98				46.07				70.16			
				.427				.031				.002			

(continued)

BREC End-Use and Energy Efficiency Survey (December 2007)

Table 24: Next, I'd like you to think about your electric bill as it relates to your home's overall budget and your finances. On a scale of 1 to 10, with 10 being a "significant financial burden" and 1 being "not a financial burden at all," how would you rate your electric bill's impact on your household?

All JPE respondents

	Income					Overall Satisfaction		Age of home					Primary heating source					
	Total	< \$15K	\$15K-\$25K	\$25K-\$40K	\$40-\$75K	> \$75K	Less than satis.	Satis.	<5 yrs	5-10	11-20	21-30	31-50	50+ yrs	Elec. furn.	HP/ geoth.	NG furn.	Prop. furn.
Unweighted Base	300	19	27	54	74	69	76	224	18	41	56	64	76	45	36	42	91	63
Base	300	19	27	54	74	69	76	224	18	41	56	64	76	45	36	42	91	63
Not too much	156	4	12	29	42	47	41	115	14	20	33	29	36	24	17	26	41	38
	52.0%	21.1%	44.4%	53.7%	56.8%	68.1%	53.9%	51.3%	77.8%	48.8%	58.9%	45.3%	47.4%	53.3%	47.2%	61.9%	45.1%	60.3%
						+++												
1—not a financial burden at all	53	2	4	8	11	16	6	47	6	7	15	8	9	8	2	10	19	12
	17.7%	10.5%	14.8%	14.8%	14.9%	23.2%	7.9%	21.0%	33.3%	17.1%	26.8%	12.5%	11.8%	17.8%	5.6%	23.8%	20.9%	19.0%
							---	+++			++				--			
2	18	0	2	2	5	5	5	13	0	2	2	3	6	5	2	3	4	6
	6.0%	0.0%	7.4%	3.7%	6.8%	7.2%	6.6%	5.8%	0.0%	4.9%	3.6%	4.7%	7.9%	11.1%	5.6%	7.1%	4.4%	9.5%
3	49	2	2	12	14	16	12	37	5	8	9	10	12	5	11	6	11	12
	16.3%	10.5%	7.4%	22.2%	18.9%	23.2%	15.8%	16.5%	27.8%	19.5%	16.1%	15.6%	15.8%	11.1%	30.6%	14.3%	12.1%	19.0%
						+									++			
4	36	0	4	7	12	10	18	18	3	3	7	8	9	6	2	7	7	8
	12.0%	0.0%	14.8%	13.0%	16.2%	14.5%	23.7%	8.0%	16.7%	7.3%	12.5%	12.5%	11.8%	13.3%	5.6%	16.7%	7.7%	12.7%
							+++	---										
Some	108	9	11	22	26	19	29	79	3	19	16	24	33	13	15	11	38	19
	36.0%	47.4%	40.7%	40.7%	35.1%	27.5%	38.2%	35.3%	16.7%	46.3%	28.6%	37.5%	43.4%	28.9%	41.7%	26.2%	41.8%	30.2%
						-												
5	63	9	5	12	13	13	20	43	3	7	8	15	22	8	6	6	26	12
	21.0%	47.4%	18.5%	22.2%	17.6%	18.8%	26.3%	19.2%	16.7%	17.1%	14.3%	23.4%	28.9%	17.8%	16.7%	14.3%	28.6%	19.0%
													++				++	
6	23	0	3	5	8	2	4	19	0	8	2	5	6	2	7	1	6	5
	7.7%	0.0%	11.1%	9.3%	10.8%	2.9%	5.3%	8.5%	0.0%	19.5%	3.6%	7.8%	7.9%	4.4%	19.4%	2.4%	6.6%	7.9%
						-				+++					+++			

(continued)

BREC End-Use and Energy Efficiency Survey (December 2007)

Table 24: Next, I'd like you to think about your electric bill as it relates to your home's overall budget and your finances. On a scale of 1 to 10, with 10 being a "significant financial burden" and 1 being "not a financial burden at all," how would you rate your electric bill's impact on your household?

(continued)

All JPE respondents

	Total	Income					Overall Satisfaction		Age of home						Primary heating source			
		< \$15K	\$15K-\$25K	\$25K-\$40K	\$40-\$75K	> \$75K	Less than satis.	Satis.	<5 yrs	5-10	11-20	21-30	31-50	50+ yrs	Elec. furn.	HP/ geoth.	NG furn.	Prop. furn.
Unweighted Base	300	19	27	54	74	69	76	224	18	41	56	64	76	45	36	42	91	63
Base	300	19	27	54	74	69	76	224	18	41	56	64	76	45	36	42	91	63
7	22 7.3%	0 0.0%	3 11.1%	5 9.3%	5 6.8%	4 5.8%	5 6.6%	17 7.6%	0 0.0%	4 9.8%	6 10.7%	4 6.3%	5 6.6%	3 6.7%	2 5.6%	4 9.5%	6 6.6%	2 3.2%
Quite a bit	34 11.3%	6 31.6%	4 14.8%	3 5.6%	6 8.1%	3 4.3%	6 7.9%	28 12.5%	1 5.6%	2 4.9%	6 10.7%	11 17.2%	7 9.2%	7 15.6%	4 11.1%	5 11.9%	11 12.1%	6 9.5%
8	28 9.3%	4 21.1%	2 7.4%	3 5.6%	6 8.1%	3 4.3%	5 6.6%	23 10.3%	1 5.6%	2 4.9%	6 10.7%	7 10.9%	6 7.9%	6 13.3%	4 11.1%	4 9.5%	8 8.8%	6 9.5%
9	3 1.0%	1 5.3%	1 3.7%	0 0.0%	0 0.0%	0 0.0%	1 1.3%	2 0.9%	0 0.0%	0 0.0%	0 0.0%	3 4.7%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	2 2.2%	0 0.0%
10—significant financial burden	3 1.0%	1 5.3%	1 3.7%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	3 1.3%	0 0.0%	0 0.0%	0 0.0%	1 1.6%	1 1.3%	1 2.2%	0 0.0%	1 2.4%	1 1.1%	0 0.0%
Not applicable	2 0.7%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	2 0.9%	0 0.0%	0 0.0%	1 1.8%	0 0.0%	0 0.0%	1 2.2%	0 0.0%	0 0.0%	1 1.1%	0 0.0%
Don't know/refused	2 0.7%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	2 0.9%	0 0.0%	0 0.0%	1 1.8%	0 0.0%	0 0.0%	1 2.2%	0 0.0%	0 0.0%	1 1.1%	0 0.0%
Chi Square				49.39 .147			22.00 .015				52.88 .363					34.46 .263		

BREC End-Use and Energy Efficiency Survey (December 2007)

Table 25: Now, just a few more questions for classification purposes. In which county do you live?

All JPE respondents

	Gender		Financial burden of the electric bill			Number of people in the home					Length of time served by co-op					
	Total	Male	Female	Not too much	Some	Quite a bit	1	2	3	4	5+	<5 yrs.	5-10	11-15	16-25	>25 yrs.
Unweighted Base	300	141	159	156	108	34	41	162	45	35	15	23	38	36	62	141
Base	300	141	159	156	108	34	41	162	45	35	15	23	38	36	62	141
Ballard	39	20	19	18	13	7	2	22	9	5	1	2	10	2	5	20
	13.0%	14.2%	11.9%	11.5%	12.0%	20.6%	4.9%	13.6%	20.0%	14.3%	6.7%	8.7%	26.3%	5.6%	8.1%	14.2%
Carlisle	8	4	4	5	3	0	1	3	0	2	2	0	0	1	3	4
	2.7%	2.8%	2.5%	3.2%	2.8%	0.0%	2.4%	1.9%	0.0%	5.7%	13.3%	0.0%	0.0%	2.8%	4.8%	2.8%
Graves	26	10	16	12	11	3	8	12	4	1	1	0	1	1	6	18
	8.7%	7.1%	10.1%	7.7%	10.2%	8.8%	19.5%	7.4%	8.9%	2.9%	6.7%	0.0%	2.6%	2.8%	9.7%	12.8%
Livingston	58	29	29	31	20	7	8	30	8	9	2	3	6	7	15	27
	19.3%	20.6%	18.2%	19.9%	18.5%	20.6%	19.5%	18.5%	17.8%	25.7%	13.3%	13.0%	15.8%	19.4%	24.2%	19.1%
Marshall	41	19	22	23	12	5	9	21	5	5	0	2	3	8	6	22
	13.7%	13.5%	13.8%	14.7%	11.1%	14.7%	22.0%	13.0%	11.1%	14.3%	0.0%	8.7%	7.9%	22.2%	9.7%	15.6%
McCracken	128	59	69	67	49	12	13	74	19	13	9	16	18	17	27	50
	42.7%	41.8%	43.4%	42.9%	45.4%	35.3%	31.7%	45.7%	42.2%	37.1%	60.0%	69.6%	47.4%	47.2%	43.5%	35.5%
Chi Square		1.34		4.76				29.09					30.79			
		.931		.907				.086					.058			

(continued)

BREC End-Use and Energy Efficiency Survey (December 2007)

Table 25: Now, just a few more questions for classification purposes. In which county do you live?

All JPE respondents

	Age						Type of home				Education				
	Total	18-34	35-44	45-54	55-64	65+	Single-story	Multi-story	Mobile	Other	<HS grad	HS grad	Some college	College grad	Post college
Unweighted Base	300	18	33	71	81	92	184	77	26	13	21	125	80	37	35
Base	300	18	33	71	81	92	184	77	26	13	21	125	80	37	35
Ballard	39 13.0%	3 16.7%	7 21.2%	10 14.1%	9 11.1%	10 10.9%	26 14.1%	6 7.8%	6 23.1%	1 7.7%	3 14.3%	23 18.4%	8 10.0%	3 8.1%	2 5.7%
Carlisle	8 2.7%	2 11.1%	1 3.0%	1 1.4%	1 1.2%	3 3.3%	5 2.7%	3 3.9%	0 0.0%	0 0.0%	2 9.5%	1 0.8%	4 5.0%	0 0.0%	1 2.9%
Graves	26 8.7%	1 5.6%	4 12.1%	6 8.5%	7 8.6%	8 8.7%	21 11.4%	2 2.6%	1 3.8%	2 15.4%	1 4.8%	16 12.8%	4 5.0%	2 5.4%	3 8.6%
Livingston	58 19.3%	3 16.7%	7 21.2%	14 19.7%	13 16.0%	21 22.8%	39 21.2%	9 11.7%	7 26.9%	3 23.1%	4 19.0%	28 22.4%	12 15.0%	7 18.9%	7 20.0%
Marshall	41 13.7%	0 0.0%	3 9.1%	10 14.1%	10 12.3%	17 18.5%	28 15.2%	9 11.7%	2 7.7%	2 15.4%	5 23.8%	16 12.8%	8 10.0%	7 18.9%	4 11.4%
McCracken	128 42.7%	9 50.0%	11 33.3%	30 42.3%	41 50.6%	33 35.9%	65 35.3%	48 62.3%	10 38.5%	5 38.5%	6 28.6%	41 32.8%	44 55.0%	18 48.6%	18 51.4%
Chi Square				17.91 .594				26.07 .037				30.24 .066			

(continued)

BREC End-Use and Energy Efficiency Survey (December 2007)

Table 25: Now, just a few more questions for classification purposes. In which county do you live?

All JPE respondents

	Income						Overall Satisfaction		Age of home						Primary heating source			
	Total	<	\$15K-	\$25K-	\$40-	>	Less than satis.	Satis.	<5 yrs	5-10	11-20	21-30	31-50	50+ yrs	Elec. furn.	HP/ geoth.	NG furn.	Prop. furn.
		\$15K	\$25K	\$40K	\$75K	\$75K												
Unweighted Base	300	19	27	54	74	69	76	224	18	41	56	64	76	45	36	42	91	63
Base	300	19	27	54	74	69	76	224	18	41	56	64	76	45	36	42	91	63
Ballard	39	1	4	9	7	7	14	25	1	5	7	8	12	6	9	4	6	11
	13.0%	5.3%	14.8%	16.7%	9.5%	10.1%	18.4%	11.2%	5.6%	12.2%	12.5%	12.5%	15.8%	13.3%	25.0%	9.5%	6.6%	17.5%
Carlisle	8	0	0	3	2	3	1	7	0	0	1	0	2	5	0	0	2	2
	2.7%	0.0%	0.0%	5.6%	2.7%	4.3%	1.3%	3.1%	0.0%	0.0%	1.8%	0.0%	2.6%	11.1%	0.0%	0.0%	2.2%	3.2%
Graves	26	1	2	6	8	2	7	19	3	2	4	4	8	5	4	6	6	6
	8.7%	5.3%	7.4%	11.1%	10.8%	2.9%	9.2%	8.5%	16.7%	4.9%	7.1%	6.3%	10.5%	11.1%	11.1%	14.3%	6.6%	9.5%
Livingston	58	6	5	7	17	10	17	41	2	9	7	13	14	13	7	8	4	18
	19.3%	31.6%	18.5%	13.0%	23.0%	14.5%	22.4%	18.3%	11.1%	22.0%	12.5%	20.3%	18.4%	28.9%	19.4%	19.0%	4.4%	28.6%
Marshall	41	2	4	12	8	8	3	38	0	7	10	5	9	10	3	5	20	5
	13.7%	10.5%	14.8%	22.2%	10.8%	11.6%	3.9%	17.0%	0.0%	17.1%	17.9%	7.8%	11.8%	22.2%	8.3%	11.9%	22.0%	7.9%
McCracken	128	9	12	17	32	39	34	94	12	18	27	34	31	6	13	19	53	21
	42.7%	47.4%	44.4%	31.5%	43.2%	56.5%	44.7%	42.0%	66.7%	43.9%	48.2%	53.1%	40.8%	13.3%	36.1%	45.2%	58.2%	33.3%
Chi Square				21.06			10.65				45.62					39.46		
				.393			.059				.007					.001		

BREC End-Use and Energy Efficiency Survey (December 2007)

Table 26: On average, how much do you pay per month for electricity for your home?

All JPE respondents

	Gender		Financial burden of the electric bill			Number of people in the home					Length of time served by co-op					
	Total	Male	Female	Not too much	Some	Quite a bit	1	2	3	4	5+	<5 yrs.	5-10	11-15	16-25	>25 yrs.
Unweighted Base	300	141	159	156	108	34	41	162	45	35	15	23	38	36	62	141
Base	300	141	159	156	108	34	41	162	45	35	15	23	38	36	62	141
Less than \$25	2 0.7%	1 0.7%	1 0.6%	2 1.3%	0 0.0%	0 0.0%	0 0.0%	2 1.2%	0 0.0%	0 0.0%	0 0.0%	1 4.3%	0 0.0%	1 2.8%	0 0.0%	0 0.0%
\$25-\$50	23 7.7%	10 7.1%	13 8.2%	11 7.1%	8 7.4%	3 8.8%	8 19.5%	10 6.2%	3 6.7%	1 2.9%	1 6.7%	3 13.0%	7 18.4%	1 2.8%	1 1.6%	11 7.8%
\$50-\$75	58 19.3%	32 22.7%	26 16.4%	33 21.2%	19 17.6%	6 17.6%	11 26.8%	38 23.5%	4 8.9%	3 8.6%	2 13.3%	5 21.7%	3 7.9%	6 16.7%	12 19.4%	32 22.7%
\$75-\$100	86 28.7%	42 29.8%	44 27.7%	50 32.1%	29 26.9%	7 20.6%	12 29.3%	49 30.2%	13 28.9%	11 31.4%	1 6.7%	7 30.4%	13 34.2%	8 22.2%	16 25.8%	42 29.8%
\$100-\$150	78 26.0%	33 23.4%	45 28.3%	32 20.5%	35 32.4%	11 32.4%	8 19.5%	39 24.1%	12 26.7%	15 42.9%	3 20.0%	3 13.0%	10 26.3%	13 36.1%	18 29.0%	34 24.1%
\$150-\$200	33 11.0%	14 9.9%	19 11.9%	14 9.0%	13 12.0%	6 17.6%	1 2.4%	12 7.4%	9 20.0%	4 11.4%	7 46.7%	3 13.0%	4 10.5%	5 13.9%	9 14.5%	12 8.5%
More than \$200	5 1.7%	1 0.7%	4 2.5%	4 2.6%	1 0.9%	0 0.0%	0 0.0%	3 1.9%	2 4.4%	0 0.0%	0 0.0%	0 0.0%	1 2.6%	0 0.0%	2 3.2%	2 1.4%
Refused to guess	15 5.0%	8 5.7%	7 4.4%	10 6.4%	3 2.8%	1 2.9%	1 2.4%	9 5.6%	2 4.4%	1 2.9%	1 6.7%	1 4.3%	0 0.0%	2 5.6%	4 6.5%	8 5.7%
Chi Square		4.46 .725		13.68 .473			55.74 .001					33.82 .207				

(continued)

BREC End-Use and Energy Efficiency Survey (December 2007)

Table 26: On average, how much do you pay per month for electricity for your home?

All JPE respondents

	Age						Type of home				Education				
	Total	18-34	35-44	45-54	55-64	65+	Single-story	Multi-story	Mobile	Other	<HS grad	HS grad	Some college	College grad	Post college
Unweighted Base	300	18	33	71	81	92	184	77	26	13	21	125	80	37	35
Base	300	18	33	71	81	92	184	77	26	13	21	125	80	37	35
Less than \$25	2 0.7%	0 0.0%	0 0.0%	1 1.4%	1 1.2%	0 0.0%	0 0.0%	0 0.0%	2 7.7%	0 0.0%	0 0.0%	1 0.8%	0 0.0%	0 0.0%	1 2.9%
\$25-\$50	23 7.7%	1 5.6%	2 6.1%	2 2.8%	4 4.9%	14 15.2%	17 9.2%	2 2.6%	2 7.7%	2 15.4%	4 19.0%	9 7.2%	5 6.3%	1 2.7%	4 11.4%
\$50-\$75	58 19.3%	3 16.7%	5 15.2%	8 11.3%	11 13.6%	30 32.6%	42 22.8%	9 11.7%	5 19.2%	2 15.4%	8 38.1%	23 18.4%	13 16.3%	8 21.6%	6 17.1%
\$75-\$100	86 28.7%	5 27.8%	8 24.2%	18 25.4%	35 43.2%	20 21.7%	51 27.7%	26 33.8%	4 15.4%	5 38.5%	7 33.3%	34 27.2%	25 31.3%	13 35.1%	7 20.0%
\$100-\$150	78 26.0%	6 33.3%	11 33.3%	26 36.6%	20 24.7%	14 15.2%	44 23.9%	21 27.3%	11 42.3%	2 15.4%	0 0.0%	36 28.8%	23 28.8%	7 18.9%	12 34.3%
\$150-\$200	33 11.0%	1 5.6%	6 18.2%	11 15.5%	7 8.6%	8 8.7%	20 10.9%	10 13.0%	1 3.8%	2 15.4%	1 4.8%	17 13.6%	10 12.5%	2 5.4%	3 8.6%
More than \$200	5 1.7%	0 0.0%	0 0.0%	3 4.2%	0 0.0%	2 2.2%	0 0.0%	4 5.2%	1 3.8%	0 0.0%	0 0.0%	0 0.0%	2 2.5%	3 8.1%	0 0.0%
Refused to guess	15 5.0%	2 11.1%	1 3.0%	2 2.8%	3 3.7%	4 4.3%	10 5.4%	5 6.5%	0 0.0%	0 0.0%	1 4.8%	5 4.0%	2 2.5%	3 8.1%	2 5.7%
Chi Square				52.16 .004				49.08 .001				40.39 .061			

(continued)

BREC End-Use and Energy Efficiency Survey (December 2007)

Table 26: On average, how much do you pay per month for electricity for your home?

All JPE respondents

	Income						Overall Satisfaction		Age of home						Primary heating source			
	Total	< \$15K	\$15K-\$25K	\$25K-\$40K	\$40-\$75K	> \$75K	Less than satis.	Satis.	<5 yrs	5-10	11-20	21-30	31-50	50+ yrs	Elec. furn.	HP/ geoth.	NG furn.	Prop. furn.
Unweighted Base	300	19	27	54	74	69	76	224	18	41	56	64	76	45	36	42	91	63
Base	300	19	27	54	74	69	76	224	18	41	56	64	76	45	36	42	91	63
Less than \$25	2	0	0	0	2	0	0	2	0	0	0	1	1	0	0	0	0	1
	0.7%	0.0%	0.0%	0.0%	2.7%	0.0%	0.0%	0.9%	0.0%	0.0%	0.0%	1.6%	1.3%	0.0%	0.0%	0.0%	0.0%	1.6%
\$25-\$50	23	3	6	4	4	3	4	19	1	4	5	3	4	6	1	0	10	4
	7.7%	15.8%	22.2%	7.4%	5.4%	4.3%	5.3%	8.5%	5.6%	9.8%	8.9%	4.7%	5.3%	13.3%	2.8%	0.0%	11.0%	6.3%
\$50-\$75	58	6	7	14	10	6	13	45	4	6	10	9	16	13	4	6	22	14
	19.3%	31.6%	25.9%	25.9%	13.5%	8.7%	17.1%	20.1%	22.2%	14.6%	17.9%	14.1%	21.1%	28.9%	11.1%	14.3%	24.2%	22.2%
\$75-\$100	86	6	8	20	24	19	25	61	3	15	12	20	25	11	12	11	18	21
	28.7%	31.6%	29.6%	37.0%	32.4%	27.5%	32.9%	27.2%	16.7%	36.6%	21.4%	31.3%	32.9%	24.4%	33.3%	26.2%	19.8%	33.3%
\$100-\$150	78	2	4	11	24	22	16	62	5	12	18	16	18	9	12	15	21	15
	26.0%	10.5%	14.8%	20.4%	32.4%	31.9%	21.1%	27.7%	27.8%	29.3%	32.1%	25.0%	23.7%	20.0%	33.3%	35.7%	23.1%	23.8%
\$150-\$200	33	1	2	5	8	9	13	20	2	2	5	11	10	3	5	7	10	5
	11.0%	5.3%	7.4%	9.3%	10.8%	13.0%	17.1%	8.9%	11.1%	4.9%	8.9%	17.2%	13.2%	6.7%	13.9%	16.7%	11.0%	7.9%
More than \$200	5	0	0	0	1	4	1	4	0	0	3	2	0	0	1	2	2	0
	1.7%	0.0%	0.0%	0.0%	1.4%	5.8%	1.3%	1.8%	0.0%	0.0%	5.4%	3.1%	0.0%	0.0%	2.8%	4.8%	2.2%	0.0%
Refused to guess	15	1	0	0	1	6	4	11	3	2	3	2	2	3	1	1	8	3
	5.0%	5.3%	0.0%	0.0%	1.4%	8.7%	5.3%	4.9%	16.7%	4.9%	5.4%	3.1%	2.6%	6.7%	2.8%	2.4%	8.8%	4.8%
Chi Square				48.18			6.84				35.07					25.45		
				.010			.446				.465					.228		

BREC End-Use and Energy Efficiency Survey (December 2007)

Table 27: What was the last grade you completed in school?

All JPE respondents

	Gender		Financial burden of the electric bill			Number of people in the home					Length of time served by co-op					
	Total	Male	Female	Not too much	Some	Quite a bit	1	2	3	4	5+	<5 yrs.	5-10	11-15	16-25	>25 yrs.
Unweighted Base	300	141	159	156	108	34	41	162	45	35	15	23	38	36	62	141
Base	300	141	159	156	108	34	41	162	45	35	15	23	38	36	62	141
8th grade or less	13 4.3%	5 3.5%	8 5.0%	4 2.6%	5 4.6%	3 8.8%	2 4.9%	10 6.2%	0 0.0%	1 2.9%	0 0.0%	0 0.0%	0 0.0%	1 2.8%	2 3.2%	10 7.1%
Some high school	8 2.7%	5 3.5%	3 1.9%	4 2.6%	3 2.8%	1 2.9%	2 4.9%	4 2.5%	0 0.0%	1 2.9%	1 6.7%	0 0.0%	0 0.0%	0 0.0%	1 1.6%	7 5.0%
High school graduate/vo-tech/GED	125 41.7%	61 43.3%	64 40.3%	61 39.1%	44 40.7%	20 58.8%	10 24.4%	78 48.1%	19 42.2%	11 31.4%	7 46.7%	8 34.8%	12 31.6%	15 41.7%	27 43.5%	63 44.7%
Some college/associate's degree	80 26.7%	30 21.3%	50 31.4%	47 30.1%	29 26.9%	4 11.8%	12 29.3%	40 24.7%	14 31.1%	10 28.6%	3 20.0%	6 26.1%	10 26.3%	10 27.8%	17 27.4%	37 26.2%
College graduate/bachelor's degree	37 12.3%	23 16.3%	14 8.8%	20 12.8%	13 12.0%	4 11.8%	9 22.0%	13 8.0%	7 15.6%	6 17.1%	2 13.3%	4 17.4%	10 26.3%	6 16.7%	9 14.5%	8 5.7%
Post college/graduate school	35 11.7%	17 12.1%	18 11.3%	20 12.8%	14 13.0%	1 2.9%	6 14.6%	16 9.9%	5 11.1%	6 17.1%	2 13.3%	5 21.7%	6 15.8%	4 11.1%	6 9.7%	14 9.9%
Refused	2 0.7%	0 0.0%	2 1.3%	0 0.0%	0 0.0%	1 2.9%	0 0.0%	1 0.6%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	2 1.4%
Chi Square			9.44 .151		19.39 .080				22.42 .554					30.48 .169		

(continued)

BREC End-Use and Energy Efficiency Survey (December 2007)

Table 27: What was the last grade you completed in school?

All JPE respondents

	Total	Age					Type of home				Education				
		18-34	35-44	45-54	55-64	65+	Single-story	Multi-story	Mobile	Other	<HS grad	HS grad	Some college	College grad	Post college
Unweighted Base	300	18	33	71	81	92	184	77	26	13	21	125	80	37	35
Base	300	18	33	71	81	92	184	77	26	13	21	125	80	37	35
8th grade or less	13 4.3%	0 0.0%	0 0.0%	1 1.4%	2 2.5%	10 10.9%	9 4.9%	0 0.0%	4 15.4%	0 0.0%	13 61.9%	0 0.0%	0 0.0%	0 0.0%	0 0.0%
Some high school	8 2.7%	1 5.6%	0 0.0%	1 1.4%	0 0.0%	6 6.5%	7 3.8%	1 1.3%	0 0.0%	0 0.0%	8 38.1%	0 0.0%	0 0.0%	0 0.0%	0 0.0%
High school graduate/vo-tech/GED	125 41.7%	4 22.2%	10 30.3%	33 46.5%	35 43.2%	41 44.6%	84 45.7%	23 29.9%	11 42.3%	7 53.8%	0 0.0%	125 100.0%	0 0.0%	0 0.0%	0 0.0%
Some college/associate's degree	80 26.7%	8 44.4%	10 30.3%	19 26.8%	23 28.4%	19 20.7%	45 24.5%	24 31.2%	8 30.8%	3 23.1%	0 0.0%	0 0.0%	80 100.0%	0 0.0%	0 0.0%
College graduate/bachelor's degree	37 12.3%	3 16.7%	5 15.2%	11 15.5%	10 12.3%	8 8.7%	20 10.9%	12 15.6%	2 7.7%	3 23.1%	0 0.0%	0 0.0%	0 0.0%	37 100.0%	0 0.0%
Post college/graduate school	35 11.7%	2 11.1%	8 24.2%	6 8.5%	11 13.6%	8 8.7%	18 9.8%	16 20.8%	1 3.8%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	35 100.0%
Refused	2 0.7%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	1 0.5%	1 1.3%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%
Chi Square				36.95 .044				31.05 .028					1000+ .001		

(continued)

BREC End-Use and Energy Efficiency Survey (December 2007)

Table 27: What was the last grade you completed in school?

All JPE respondents

	Total	Income					Overall Satisfaction		Age of home							Primary heating source			
		< \$15K	\$15K-\$25K	\$25K-\$40K	\$40-\$75K	> \$75K	Less than satis.	Satis.	<5 yrs	5-10	11-20	21-30	31-50	50+ yrs	Elec. furn.	HP/ geoth.	NG furn.	Prop. furn.	
Unweighted Base	300	19	27	54	74	69	76	224	18	41	56	64	76	45	36	42	91	63	
Base	300	19	27	54	74	69	76	224	18	41	56	64	76	45	36	42	91	63	
8th grade or less	13 4.3%	6 31.6%	5 18.5%	0 0.0%	1 1.4%	0 0.0%	0 0.0%	13 5.8%	0 0.0%	2 4.9%	2 3.6%	3 4.7%	2 2.6%	4 8.9%	0 0.0%	1 2.4%	4 4.4%	2 3.2%	
Some high school	8 2.7%	1 5.3%	0 0.0%	1 1.9%	2 2.7%	1 1.4%	1 1.3%	7 3.1%	0 0.0%	0 0.0%	1 1.8%	2 3.1%	1 1.3%	4 8.9%	0 0.0%	0 0.0%	2 2.2%	2 3.2%	
High school graduate/vo-tech/GED	125 41.7%	8 42.1%	11 40.7%	32 59.3%	27 36.5%	16 23.2%	30 39.5%	95 42.4%	5 27.8%	12 29.3%	26 46.4%	26 40.6%	40 52.6%	16 35.6%	20 55.6%	19 45.2%	25 27.5%	34 54.0%	
Some college/associate's degree	80 26.7%	4 21.1%	6 22.2%	14 25.9%	26 35.1%	17 24.6%	24 31.6%	56 25.0%	9 50.0%	12 29.3%	15 26.8%	18 28.1%	15 19.7%	11 24.4%	10 27.8%	14 33.3%	26 28.6%	12 19.0%	
College graduate/bachelor's degree	37 12.3%	0 0.0%	3 11.1%	6 11.1%	10 13.5%	14 20.3%	11 14.5%	26 11.6%	1 5.6%	7 17.1%	6 10.7%	10 15.6%	9 11.8%	4 8.9%	3 8.3%	6 14.3%	15 16.5%	7 11.1%	
Post college/graduate school	35 11.7%	0 0.0%	2 7.4%	1 1.9%	8 10.8%	21 30.4%	10 13.2%	25 11.2%	3 16.7%	8 19.5%	6 10.7%	5 7.8%	8 10.5%	5 11.1%	3 8.3%	1 2.4%	18 19.8%	6 9.5%	
Refused	2 0.7%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	2 0.9%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	1 1.3%	1 2.2%	0 0.0%	1 2.4%	1 1.1%	0 0.0%	
Chi Square				89.53 .001			7.40 .286				32.31 .353					26.66 .086			

BREC End-Use and Energy Efficiency Survey (December 2007)

Table 28: In what year were you born?

All JPE respondents

	Gender		Financial burden of the electric bill			Number of people in the home					Length of time served by co-op					
	Total	Male	Female	Not too much	Some	Quite a bit	1	2	3	4	5+	<5 yrs.	5-10	11-15	16-25	>25 yrs.
Unweighted Base	300	141	159	156	108	34	41	162	45	35	15	23	38	36	62	141
Base	300	141	159	156	108	34	41	162	45	35	15	23	38	36	62	141
65+	92	46	46	46	29	17	19	61	9	2	0	4	7	5	12	64
	30.7%	32.6%	28.9%	29.5%	26.9%	50.0%	46.3%	37.7%	20.0%	5.7%	0.0%	17.4%	18.4%	13.9%	19.4%	45.4%
						+++	++	+++	-	--	0	-	-	-	-	+++
1914	1	0	1	0	0	1	0	1	0	0	0	0	0	0	0	1
	0.3%	0.0%	0.6%	0.0%	0.0%	2.9%	0.0%	0.6%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.7%
						+++										
1917	2	0	2	1	1	0	0	1	0	0	0	0	0	0	0	2
	0.7%	0.0%	1.3%	0.6%	0.9%	0.0%	0.0%	0.6%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	1.4%
1919	2	1	1	2	0	0	1	1	0	0	0	0	0	0	0	2
	0.7%	0.7%	0.6%	1.3%	0.0%	0.0%	2.4%	0.6%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	1.4%
1920	1	0	1	0	1	0	1	0	0	0	0	0	0	0	1	0
	0.3%	0.0%	0.6%	0.0%	0.9%	0.0%	2.4%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	1.6%	0.0%
							++								++	
1921	1	0	1	1	0	0	1	0	0	0	0	0	0	0	0	1
	0.3%	0.0%	0.6%	0.6%	0.0%	0.0%	2.4%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.7%
							++									
1922	2	0	2	2	0	0	1	1	0	0	0	0	0	0	0	2
	0.7%	0.0%	1.3%	1.3%	0.0%	0.0%	2.4%	0.6%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	1.4%
1923	1	1	0	0	1	0	0	1	0	0	0	0	0	0	0	1
	0.3%	0.7%	0.0%	0.0%	0.9%	0.0%	0.0%	0.6%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.7%
1924	6	4	2	3	2	1	4	2	0	0	0	0	0	1	1	4
	2.0%	2.8%	1.3%	1.9%	1.9%	2.9%	9.8%	1.2%	0.0%	0.0%	0.0%	0.0%	0.0%	2.8%	1.6%	2.8%
							+++									
1925	3	2	1	1	2	0	2	1	0	0	0	0	1	0	0	2
	1.0%	1.4%	0.6%	0.6%	1.9%	0.0%	4.9%	0.6%	0.0%	0.0%	0.0%	0.0%	2.6%	0.0%	0.0%	1.4%
							+++									

(continued)

BREC End-Use and Energy Efficiency Survey (December 2007)

Table 28: In what year were you born?

(continued)

All JPE respondents

	Gender		Financial burden of the electric bill			Number of people in the home					Length of time served by co-op						
	Total	Male	Female	Not too much	Some	Quite a bit	1	2	3	4	5+	<5 yrs.	5-10	11-15	16-25	>25 yrs.	
Unweighted Base	300	141	159	156	108	34	41	162	45	35	15	23	38	36	62	141	
Base	300	141	159	156	108	34	41	162	45	35	15	23	38	36	62	141	
1926	3 1.0%	0 0.0%	3 1.9%	0 0.0%	0 0.0%	3 8.8% +++	3 7.3%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	3 2.1% +
1927	3 1.0%	2 1.4%	1 0.6%	1 0.6%	2 1.9%	0 0.0%	1 2.4%	2 1.2%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	3 2.1% +
1928	1 0.3%	1 0.7%	0 0.0%	1 0.6%	0 0.0%	0 0.0%	0 0.0%	1 0.6%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	1 0.7%
1929	1 0.3%	0 0.0%	1 0.6%	1 0.6%	0 0.0%	0 0.0%	0 0.0%	1 0.6%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	1 0.7%
1930	4 1.3%	3 2.1%	1 0.6%	3 1.9%	1 0.9%	0 0.0%	0 0.0%	4 2.5% +	0 0.0%	0 0.0%	0 0.0%	0 0.0%	1 2.6%	1 2.8%	0 0.0%	0 0.0%	2 1.4%
1931	4 1.3%	2 1.4%	2 1.3%	2 1.3%	2 1.9%	0 0.0%	1 2.4%	3 1.9%	0 0.0%	0 0.0%	0 0.0%	1 4.3%	0 0.0%	0 0.0%	1 1.6%	1 0.7%	2 1.4%
1932	4 1.3%	2 1.4%	2 1.3%	2 1.3%	2 1.9%	0 0.0%	0 0.0%	4 2.5% +	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	2 3.2%	2 1.4%	
1933	5 1.7%	2 1.4%	3 1.9%	3 1.9%	1 0.9%	1 2.9%	1 2.4%	4 2.5%	0 0.0%	0 0.0%	0 0.0%	1 4.3%	1 2.6%	0 0.0%	0 0.0%	0 0.0%	3 2.1%
1934	10 3.3%	5 3.5%	5 3.1%	5 3.2%	2 1.9%	3 8.8% +	1 2.4%	7 4.3%	2 4.4%	0 0.0%	0 0.0%	0 0.0%	1 2.6%	0 0.0%	1 1.6%	1 0.7%	8 5.7% ++

(continued)

BREC End-Use and Energy Efficiency Survey (December 2007)

Table 28: In what year were you born?

(continued)

All JPE respondents

	Gender		Financial burden of the electric bill			Number of people in the home					Length of time served by co-op						
	Total	Male	Female	Not too much	Some	Quite a bit	1	2	3	4	5+	<5 yrs.	5-10	11-15	16-25	>25 yrs.	
Unweighted Base	300	141	159	156	108	34	41	162	45	35	15	23	38	36	62	141	
Base	300	141	159	156	108	34	41	162	45	35	15	23	38	36	62	141	
1935	2 0.7%	1 0.7%	1 0.6%	2 1.3%	0 0.0%	0 0.0%	0 0.0%	2 1.2%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	2 1.4%
1936	4 1.3%	4 2.8%	0 0.0%	3 1.9%	1 0.9%	0 0.0%	0 0.0%	4 2.5%	0 0.0%	0 0.0%	0 0.0%	1 4.3%	0 0.0%	1 2.8%	1 1.6%	1 0.7%	
1937	7 2.3%	4 2.8%	3 1.9%	3 1.9%	0 0.0%	4 11.8%	0 0.0%	5 3.1%	1 2.2%	1 2.9%	0 0.0%	0 0.0%	2 5.3%	0 0.0%	3 4.8%	2 1.4%	
1938	8 2.7%	3 2.1%	5 3.1%	3 1.9%	3 2.8%	2 5.9%	1 2.4%	5 3.1%	2 4.4%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	1 1.6%	7 5.0%	
1939	3 1.0%	1 0.7%	2 1.3%	2 1.3%	1 0.9%	0 0.0%	0 0.0%	2 1.2%	1 2.2%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	1 2.8%	0 0.0%	2 1.4%	
1940	3 1.0%	1 0.7%	2 1.3%	1 0.6%	2 1.9%	0 0.0%	0 0.0%	2 1.2%	1 2.2%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	1 2.8%	1 1.6%	1 0.7%	
1941	7 2.3%	5 3.5%	2 1.3%	3 1.9%	3 2.8%	1 2.9%	0 0.0%	5 3.1%	1 2.2%	1 2.9%	0 0.0%	0 0.0%	1 2.6%	0 0.0%	0 0.0%	6 4.3%	
1942	4 1.3%	2 1.4%	2 1.3%	1 0.6%	2 1.9%	1 2.9%	1 2.4%	2 1.2%	1 2.2%	0 0.0%	0 0.0%	1 4.3%	0 0.0%	0 0.0%	0 0.0%	3 2.1%	

(continued)

BREC End-Use and Energy Efficiency Survey (December 2007)

Table 28: In what year were you born?

(continued)

All JPE respondents

	Gender		Financial burden of the electric bill			Number of people in the home					Length of time served by co-op					
	Total	Male	Female	Not too much	Some	Quite a bit	1	2	3	4	5+	<5 yrs.	5-10	11-15	16-25	>25 yrs.
Unweighted Base	300	141	159	156	108	34	41	162	45	35	15	23	38	36	62	141
Base	300	141	159	156	108	34	41	162	45	35	15	23	38	36	62	141
55-64	81	38	43	41	32	7	13	56	8	2	2	6	8	13	11	43
	27.0%	27.0%	27.0%	26.3%	29.6%	20.6%	31.7%	34.6%	17.8%	5.7%	13.3%	26.1%	21.1%	36.1%	17.7%	30.5%
								+++		---						-
1943	6	5	1	2	4	0	3	3	0	0	0	0	2	0	0	4
	2.0%	3.5%	0.6%	1.3%	3.7%	0.0%	7.3%	1.9%	0.0%	0.0%	0.0%	0.0%	5.3%	0.0%	0.0%	2.8%
		+	-				+++									
1944	7	2	5	5	1	1	0	5	2	0	0	1	0	2	0	4
	2.3%	1.4%	3.1%	3.2%	0.9%	2.9%	0.0%	3.1%	4.4%	0.0%	0.0%	4.3%	0.0%	5.6%	0.0%	2.8%
1945	4	2	2	3	1	0	2	2	0	0	0	0	1	0	1	2
	1.3%	1.4%	1.3%	1.9%	0.9%	0.0%	4.9%	1.2%	0.0%	0.0%	0.0%	0.0%	2.6%	0.0%	1.6%	1.4%
							++									
1946	9	5	4	5	4	0	1	8	0	0	0	1	2	2	2	2
	3.0%	3.5%	2.5%	3.2%	3.7%	0.0%	2.4%	4.9%	0.0%	0.0%	0.0%	4.3%	5.3%	5.6%	3.2%	1.4%
								++								
1947	5	2	3	2	2	1	1	2	1	1	0	0	0	1	0	4
	1.7%	1.4%	1.9%	1.3%	1.9%	2.9%	2.4%	1.2%	2.2%	2.9%	0.0%	0.0%	0.0%	2.8%	0.0%	2.8%
1948	14	6	8	6	6	2	1	10	3	0	0	0	1	3	4	6
	4.7%	4.3%	5.0%	3.8%	5.6%	5.9%	2.4%	6.2%	6.7%	0.0%	0.0%	0.0%	2.6%	8.3%	6.5%	4.3%
1949	7	3	4	3	4	0	1	5	0	1	0	1	0	1	0	5
	2.3%	2.1%	2.5%	1.9%	3.7%	0.0%	2.4%	3.1%	0.0%	2.9%	0.0%	4.3%	0.0%	2.8%	0.0%	3.5%
1950	13	5	8	8	3	1	3	7	2	0	1	0	1	3	0	9
	4.3%	3.5%	5.0%	5.1%	2.8%	2.9%	7.3%	4.3%	4.4%	0.0%	6.7%	0.0%	2.6%	8.3%	0.0%	6.4%

(continued)

BREC End-Use and Energy Efficiency Survey (December 2007)

Table 28: In what year were you born?

(continued)

All JPE respondents

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Unweighted Base	300	141	159	156	108	34	41	162	45	35	15	23	38	36	62	141
Base	300	141	159	156	108	34	41	162	45	35	15	23	38	36	62	141
1951	8 2.7%	4 2.8%	4 2.5%	3 1.9%	3 2.8%	2 5.9%	1 2.4%	6 3.7%	0 0.0%	0 0.0%	1 6.7%	3 13.0%	0 0.0%	1 2.8%	1 1.6%	3 2.1%
1952	8 2.7%	4 2.8%	4 2.5%	4 2.6%	4 3.7%	0 0.0%	0 0.0%	8 4.9%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	1 2.6%	0 0.0%	3 4.8%	4 2.8%
45-54	71 23.7%	36 25.5%	35 22.0%	34 21.8%	32 29.6%	5 14.7%	7 17.1%	38 23.5%	11 24.4%	11 31.4%	4 26.7%	5 21.7%	7 18.4%	10 27.8%	26 41.9%	23 16.3%
1953	7 2.3%	5 3.5%	2 1.3%	4 2.6%	3 2.8%	0 0.0%	1 2.4%	5 3.1%	1 2.2%	0 0.0%	0 0.0%	1 4.3%	0 0.0%	0 0.0%	2 3.2%	4 2.8%
1954	10 3.3%	6 4.3%	4 2.5%	5 3.2%	4 3.7%	1 2.9%	2 4.9%	5 3.1%	2 4.4%	1 2.9%	0 0.0%	0 0.0%	0 0.0%	2 5.6%	2 3.2%	6 4.3%
1955	10 3.3%	4 2.8%	6 3.8%	4 2.6%	5 4.6%	1 2.9%	1 2.4%	5 3.1%	1 2.2%	1 2.9%	2 13.3%	2 8.7%	1 2.6%	0 0.0%	2 3.2%	5 3.5%
1956	9 3.0%	3 2.1%	6 3.8%	6 3.8%	1 0.9%	2 5.9%	1 2.4%	6 3.7%	2 4.4%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	2 5.6%	5 8.1%	2 1.4%
1957	7 2.3%	3 2.1%	4 2.5%	1 0.6%	6 5.6%	0 0.0%	1 2.4%	5 3.1%	0 0.0%	0 0.0%	1 6.7%	1 4.3%	1 2.6%	1 2.8%	2 3.2%	2 1.4%
1958	8 2.7%	3 2.1%	5 3.1%	3 1.9%	4 3.7%	1 2.9%	0 0.0%	4 2.5%	2 4.4%	2 5.7%	0 0.0%	0 0.0%	1 2.6%	1 2.8%	6 9.7%	0 0.0%

(continued)

BREC End-Use and Energy Efficiency Survey (December 2007)

Table 28: In what year were you born?

(continued)

All JPE respondents

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1959	4 1.3%	3 2.1%	1 0.6%	1 0.6%	3 2.8%	0 0.0%	1 2.4%	3 1.9%	0 0.0%	0 0.0%	0 0.0%	1 4.3%	0 0.0%	1 2.8%	1 1.6%	1 0.7%
1960	8 2.7%	3 2.1%	5 3.1%	4 2.6%	4 3.7%	0 0.0%	0 0.0%	4 2.5%	1 2.2%	2 5.7%	1 6.7%	0 0.0%	1 2.6%	1 2.8%	4 6.5%	2 1.4%
1961	4 1.3%	3 2.1%	1 0.6%	3 1.9%	1 0.9%	0 0.0%	0 0.0%	0 0.0%	1 2.2%	3 8.6%	0 0.0%	0 0.0%	1 2.6%	2 5.6%	1 1.6%	0 0.0%
1962	4 1.3%	3 2.1%	1 0.6%	3 1.9%	1 0.9%	0 0.0%	0 0.0%	1 0.6%	1 2.2%	2 5.7%	0 0.0%	0 0.0%	2 5.3%	0 0.0%	1 1.6%	1 0.7%
35-44	33 11.0%	12 8.5%	21 13.2%	21 13.5%	8 7.4%	4 11.8%	1 2.4%	1 0.6%	9 20.0%	16 45.7%	6 40.0%	4 17.4%	6 15.8%	7 19.4%	10 16.1%	6 4.3%
1963	6 2.0%	4 2.8%	2 1.3%	3 1.9%	3 2.8%	0 0.0%	0 0.0%	0 0.0%	4 8.9%	0 0.0%	2 13.3%	2 8.7%	0 0.0%	1 2.8%	1 1.6%	2 1.4%
1964	6 2.0%	1 0.7%	5 3.1%	4 2.6%	0 0.0%	2 5.9%	0 0.0%	0 0.0%	2 4.4%	3 8.6%	1 6.7%	0 0.0%	1 2.6%	1 2.8%	2 3.2%	2 1.4%
1965	3 1.0%	0 0.0%	3 1.9%	1 0.6%	2 1.9%	0 0.0%	1 2.4%	0 0.0%	0 0.0%	1 2.9%	1 6.7%	0 0.0%	0 0.0%	2 5.6%	0 0.0%	1 0.7%
1967	4 1.3%	1 0.7%	3 1.9%	2 1.3%	2 1.9%	0 0.0%	0 0.0%	1 0.6%	1 2.2%	1 2.9%	1 6.7%	1 4.3%	1 2.6%	2 5.6%	0 0.0%	0 0.0%

(continued)

BREC End-Use and Energy Efficiency Survey (December 2007)

Table 28: In what year were you born?

(continued)

All JPE respondents

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Unweighted Base	300	141	159	156	108	34	41	162	45	35	15	23	38	36	62	141
Base	300	141	159	156	108	34	41	162	45	35	15	23	38	36	62	141
1968	3 1.0%	1 0.7%	2 1.3%	2 1.3%	1 0.9%	0 0.0%	0 0.0%	0 0.0%	1 2.2%	2 5.7%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	3 4.8%	0 0.0%
1969	1 0.3%	1 0.7%	0 0.0%	1 0.6%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	1 2.2%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	1 0.7%
1970	5 1.7%	1 0.7%	4 2.5%	4 2.6%	0 0.0%	1 2.9%	0 0.0%	0 0.0%	0 0.0%	5 14.3%	0 0.0%	0 0.0%	1 2.6%	0 0.0%	4 6.5%	0 0.0%
1971	4 1.3%	2 1.4%	2 1.3%	3 1.9%	0 0.0%	1 2.9%	0 0.0%	0 0.0%	0 0.0%	3 8.6%	1 6.7%	1 4.3%	2 5.3%	1 2.8%	0 0.0%	0 0.0%
1972	1 0.3%	1 0.7%	0 0.0%	1 0.6%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	1 2.9%	0 0.0%	0 0.0%	1 2.6%	0 0.0%	0 0.0%	0 0.0%
<u>25-34</u>	17 5.7%	6 4.3%	11 6.9%	13 8.3%	4 3.7%	0 0.0%	1 2.4%	2 1.2%	7 15.6%	4 11.4%	3 20.0%	4 17.4%	9 23.7%	1 2.8%	3 4.8%	0 0.0%
1973	2 0.7%	0 0.0%	2 1.3%	2 1.3%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	1 2.9%	1 6.7%	0 0.0%	1 2.6%	0 0.0%	1 1.6%	0 0.0%
1974	1 0.3%	0 0.0%	1 0.6%	1 0.6%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	1 2.9%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	1 1.6%	0 0.0%
1975	2 0.7%	0 0.0%	2 1.3%	1 0.6%	1 0.9%	0 0.0%	0 0.0%	1 0.6%	1 2.2%	0 0.0%	0 0.0%	2 8.7%	0 0.0%	0 0.0%	0 0.0%	0 0.0%

(continued)

BREC End-Use and Energy Efficiency Survey (December 2007)

Table 28: In what year were you born?

(continued)

All JPE respondents

	Gender		Financial burden of the electric bill			Number of people in the home					Length of time served by co-op					
	Total	Male	Female	Not too much	Some	Quite a bit	1	2	3	4	5+	<5 yrs.	5-10	11-15	16-25	>25 yrs.
Unweighted Base	300	141	159	156	108	34	41	162	45	35	15	23	38	36	62	141
Base	300	141	159	156	108	34	41	162	45	35	15	23	38	36	62	141
1976	1 0.3%	1 0.7%	0 0.0%	1 0.6%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	1 2.2%	0 0.0%	0 0.0%	0 0.0%	1 2.6%	0 0.0%	0 0.0%	0 0.0%
									++				+++			
1977	2 0.7%	2 1.4%	0 0.0%	2 1.3%	0 0.0%	0 0.0%	0 0.0%	1 0.6%	1 2.2%	0 0.0%	0 0.0%	1 4.3%	1 2.6%	0 0.0%	0 0.0%	0 0.0%
1979	4 1.3%	2 1.4%	2 1.3%	2 1.3%	2 1.9%	0 0.0%	1 2.4%	0 0.0%	1 2.2%	1 2.9%	1 6.7%	0 0.0%	3 7.9%	1 2.8%	0 0.0%	0 0.0%
													+++			
1980	3 1.0%	0 0.0%	3 1.9%	3 1.9%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	1 2.2%	1 2.9%	1 6.7%	0 0.0%	2 5.3%	0 0.0%	1 1.6%	0 0.0%
				+									+++			
1981	1 0.3%	1 0.7%	0 0.0%	1 0.6%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	1 2.2%	0 0.0%	0 0.0%	1 4.3%	0 0.0%	0 0.0%	0 0.0%	0 0.0%
									++							
1982	1 0.3%	0 0.0%	1 0.6%	0 0.0%	1 0.9%	0 0.0%	0 0.0%	0 0.0%	1 2.2%	0 0.0%	0 0.0%	0 0.0%	1 2.6%	0 0.0%	0 0.0%	0 0.0%
									++				+++			
18-24	1 0.3%	1 0.7%	0 0.0%	1 0.6%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	1 2.2%	0 0.0%	0 0.0%	0 0.0%	1 2.6%	0 0.0%	0 0.0%	0 0.0%
									++				+++			
1984	1 0.3%	1 0.7%	0 0.0%	1 0.6%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	1 2.2%	0 0.0%	0 0.0%	0 0.0%	1 2.6%	0 0.0%	0 0.0%	0 0.0%
									++				+++			

(continued)

BREC End-Use and Energy Efficiency Survey (December 2007)

Table 28: In what year were you born?

(continued)
All JPE respondents

	Gender		Financial burden of the electric bill			Number of people in the home					Length of time served by co-op					
	Total	Male	Female	Not too much	Some	Quite a bit	1	2	3	4	5+	<5 yrs.	5-10	11-15	16-25	>25 yrs.
Unweighted Base	300	141	159	156	108	34	41	162	45	35	15	23	38	36	62	141
Base	300	141	159	156	108	34	41	162	45	35	15	23	38	36	62	141
Refused	5	2	3	0	3	1	0	4	0	0	0	0	0	0	0	5
	1.7%	1.4%	1.9%	0.0%	2.8%	2.9%	0.0%	2.5%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	3.5%
Refused	5	2	3	0	3	1	0	4	0	0	0	0	0	0	0	5
	1.7%	1.4%	1.9%	0.0%	2.8%	2.9%	0.0%	2.5%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	3.5%
																++
Chi Square		59.54			138.97				378.49					343.09		
		.668			.279				p<.001					p<.001		

(continued)

BREC End-Use and Energy Efficiency Survey (December 2007)

Table 28: In what year were you born?

All JPE respondents

	Age						Type of home				Education				
	Total	18-34	35-44	45-54	55-64	65+	Single-story	Multi-story	Mobile	Other	<HS grad	HS grad	Some college	College grad	Post college
Unweighted Base	300	18	33	71	81	92	184	77	26	13	21	125	80	37	35
Base	300	18	33	71	81	92	184	77	26	13	21	125	80	37	35
65+	92	0	0	0	0	92	65	15	9	3	16	41	19	8	8
	30.7%	0.0%	0.0%	0.0%	0.0%	100.0%	35.3%	19.5%	34.6%	23.1%	76.2%	32.8%	23.8%	21.6%	22.9%
						+++	++	--							
1914	1	0	0	0	0	1	1	0	0	0	0	1	0	0	0
	0.3%	0.0%	0.0%	0.0%	0.0%	1.1%	0.5%	0.0%	0.0%	0.0%	0.0%	0.8%	0.0%	0.0%	0.0%
1917	2	0	0	0	0	2	2	0	0	0	0	1	1	0	0
	0.7%	0.0%	0.0%	0.0%	0.0%	2.2%	1.1%	0.0%	0.0%	0.0%	0.0%	0.8%	1.3%	0.0%	0.0%
						++									
1919	2	0	0	0	0	2	1	1	0	0	0	1	0	0	1
	0.7%	0.0%	0.0%	0.0%	0.0%	2.2%	0.5%	1.3%	0.0%	0.0%	0.0%	0.8%	0.0%	0.0%	2.9%
						++									+
1920	1	0	0	0	0	1	1	0	0	0	0	1	0	0	0
	0.3%	0.0%	0.0%	0.0%	0.0%	1.1%	0.5%	0.0%	0.0%	0.0%	0.0%	0.8%	0.0%	0.0%	0.0%
1921	1	0	0	0	0	1	1	0	0	0	0	0	1	0	0
	0.3%	0.0%	0.0%	0.0%	0.0%	1.1%	0.5%	0.0%	0.0%	0.0%	0.0%	0.0%	1.3%	0.0%	0.0%
													+		
1922	2	0	0	0	0	2	2	0	0	0	0	1	0	1	0
	0.7%	0.0%	0.0%	0.0%	0.0%	2.2%	1.1%	0.0%	0.0%	0.0%	0.0%	0.8%	0.0%	2.7%	0.0%
						++									
1923	1	0	0	0	0	1	0	1	0	0	0	1	0	0	0
	0.3%	0.0%	0.0%	0.0%	0.0%	1.1%	0.0%	1.3%	0.0%	0.0%	0.0%	0.8%	0.0%	0.0%	0.0%
								+							
1924	6	0	0	0	0	6	5	1	0	0	3	0	2	0	1
	2.0%	0.0%	0.0%	0.0%	0.0%	6.5%	2.7%	1.3%	0.0%	0.0%	14.3%	0.0%	2.5%	0.0%	2.9%
						+++									
1925	3	0	0	0	0	3	3	0	0	0	1	0	0	2	0
	1.0%	0.0%	0.0%	0.0%	0.0%	3.3%	1.6%	0.0%	0.0%	0.0%	4.8%	0.0%	0.0%	5.4%	0.0%
						+++								+++	

(continued)

BREC End-Use and Energy Efficiency Survey (December 2007)

Table 28: In what year were you born?

(continued)

All JPE respondents

	Age						Type of home				Education				
	Total	18-34	35-44	45-54	55-64	65+	Single-story	Multi-story	Mobile	Other	<HS grad	HS grad	Some college	College grad	Post college
Unweighted Base	300	18	33	71	81	92	184	77	26	13	21	125	80	37	35
Base	300	18	33	71	81	92	184	77	26	13	21	125	80	37	35
1926	3 1.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	3 3.3% +++	2 1.1%	0 0.0%	0 0.0%	1 7.7%	1 4.8%	2 1.6%	0 0.0%	0 0.0%	0 0.0%
1927	3 1.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	3 3.3% +++	2 1.1%	1 1.3%	0 0.0%	0 0.0%	1 4.8%	1 0.8%	1 1.3%	0 0.0%	0 0.0%
1928	1 0.3%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	1 1.1%	0 0.0%	1 1.3% +	0 0.0%	0 0.0%	0 0.0%	1 0.8%	0 0.0%	0 0.0%	0 0.0%
1929	1 0.3%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	1 1.1%	1 0.5%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	1 0.8%	0 0.0%	0 0.0%	0 0.0%
1930	4 1.3%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	4 4.3% +++	2 1.1%	1 1.3%	1 3.8%	0 0.0%	1 4.8%	1 0.8%	1 1.3%	0 0.0%	1 2.9%
1931	4 1.3%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	4 4.3% +++	3 1.6%	1 1.3%	0 0.0%	0 0.0%	0 0.0%	2 1.6%	1 1.3%	1 2.7%	0 0.0%
1932	4 1.3%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	4 4.3% +++	1 0.5%	1 1.3%	2 7.7%	0 0.0%	3 14.3%	1 0.8%	0 0.0%	0 0.0%	0 0.0%
1933	5 1.7%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	5 5.4% +++	4 2.2%	0 0.0%	1 3.8%	0 0.0%	0 0.0%	1 0.8%	3 3.8% +	0 0.0%	1 2.9%
1934	10 3.3%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	10 10.9% +++	8 4.3%	2 2.6%	0 0.0%	0 0.0%	2 9.5%	5 4.0%	1 1.3%	1 2.7%	1 2.9%

(continued)

BREC End-Use and Energy Efficiency Survey (December 2007)

Table 28: In what year were you born?

(continued)

All JPE respondents

	Age						Type of home				Education				
	Total	18-34	35-44	45-54	55-64	65+	Single-story	Multi-story	Mobile	Other	<HS grad	HS grad	Some college	College grad	Post college
Unweighted Base	300	18	33	71	81	92	184	77	26	13	21	125	80	37	35
Base	300	18	33	71	81	92	184	77	26	13	21	125	80	37	35
1935	2 0.7%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	2 2.2%	2 1.1%	0 0.0%	0 0.0%	0 0.0%	1 4.8%	1 0.8%	0 0.0%	0 0.0%	0 0.0%
1936	4 1.3%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	4 4.3%	3 1.6%	1 1.3%	0 0.0%	0 0.0%	0 0.0%	1 0.8%	0 0.0%	2 5.4%	1 2.9%
1937	7 2.3%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	7 7.6%	3 1.6%	2 2.6%	2 7.7%	0 0.0%	1 4.8%	3 2.4%	3 3.8%	0 0.0%	0 0.0%
1938	8 2.7%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	8 8.7%	7 3.8%	0 0.0%	0 0.0%	1 7.7%	1 4.8%	5 4.0%	2 2.5%	0 0.0%	0 0.0%
1939	3 1.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	3 3.3%	2 1.1%	0 0.0%	1 3.8%	0 0.0%	0 0.0%	2 1.6%	0 0.0%	0 0.0%	1 2.9%
1940	3 1.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	3 3.3%	2 1.1%	0 0.0%	0 0.0%	1 7.7%	0 0.0%	2 1.6%	1 1.3%	0 0.0%	0 0.0%
1941	7 2.3%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	7 7.6%	4 2.2%	1 1.3%	2 7.7%	0 0.0%	1 4.8%	4 3.2%	1 1.3%	1 2.7%	0 0.0%
1942	4 1.3%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	4 4.3%	3 1.6%	1 1.3%	0 0.0%	0 0.0%	0 0.0%	2 1.6%	1 1.3%	0 0.0%	1 2.9%
55-64	81 27.0%	0 0.0%	0 0.0%	0 0.0%	81 100.0%	0 0.0%	43 23.4%	28 36.4%	6 23.1%	4 30.8%	2 9.5%	35 28.0%	23 28.8%	10 27.0%	11 31.4%

(continued)

BREC End-Use and Energy Efficiency Survey (December 2007)

Table 28: In what year were you born?

(continued)

All JPE respondents

	Age						Type of home				Education				
	Total	18-34	35-44	45-54	55-64	65+	Single-story	Multi-story	Mobile	Other	<HS grad	HS grad	Some college	College grad	Post college
Unweighted Base	300	18	33	71	81	92	184	77	26	13	21	125	80	37	35
Base	300	18	33	71	81	92	184	77	26	13	21	125	80	37	35
1943	6 2.0%	0 0.0%	0 0.0%	0 0.0%	6 7.4% +++	0 0.0%	4 2.2%	1 1.3%	0 0.0%	1 7.7%	0 0.0%	3 2.4%	1 1.3%	0 0.0%	2 5.7% +
1944	7 2.3%	0 0.0%	0 0.0%	0 0.0%	7 8.6% +++	0 0.0%	4 2.2%	3 3.9%	0 0.0%	0 0.0%	0 0.0%	3 2.4%	2 2.5%	0 0.0%	2 5.7%
1945	4 1.3%	0 0.0%	0 0.0%	0 0.0%	4 4.9% +++	0 0.0%	2 1.1%	1 1.3%	0 0.0%	1 7.7%	0 0.0%	0 0.0%	1 1.3%	2 5.4% ++	1 2.9%
1946	9 3.0%	0 0.0%	0 0.0%	0 0.0%	9 11.1% +++	0 0.0%	7 3.8%	1 1.3%	0 0.0%	1 7.7%	0 0.0%	4 3.2%	4 5.0%	1 2.7%	0 0.0%
1947	5 1.7%	0 0.0%	0 0.0%	0 0.0%	5 6.2% +++	0 0.0%	3 1.6%	2 2.6%	0 0.0%	0 0.0%	0 0.0%	1 0.8%	3 3.8% +	0 0.0%	1 2.9%
1948	14 4.7%	0 0.0%	0 0.0%	0 0.0%	14 17.3% +++	0 0.0%	5 2.7%	8 10.4% +++	1 3.8%	0 0.0%	0 0.0%	6 4.8%	2 2.5%	3 8.1%	3 8.6%
1949	7 2.3%	0 0.0%	0 0.0%	0 0.0%	7 8.6% +++	0 0.0%	5 2.7%	1 1.3%	1 3.8%	0 0.0%	1 4.8%	5 4.0%	1 1.3%	0 0.0%	0 0.0%
1950	13 4.3%	0 0.0%	0 0.0%	0 0.0%	13 16.0% +++	0 0.0%	5 2.7%	4 5.2%	3 11.5%	1 7.7%	1 4.8%	6 4.8%	2 2.5%	2 5.4%	2 5.7%
1951	8 2.7%	0 0.0%	0 0.0%	0 0.0%	8 9.9% +++	0 0.0%	5 2.7%	3 3.9%	0 0.0%	0 0.0%	0 0.0%	4 3.2%	2 2.5%	2 5.4%	0 0.0%

(continued)

BREC End-Use and Energy Efficiency Survey (December 2007)

Table 28: In what year were you born?

(continued)

All JPE respondents

	Age						Type of home				Education				
	Total	18-34	35-44	45-54	55-64	65+	Single-story	Multi-story	Mobile	Other	<HS grad	HS grad	Some college	College grad	Post college
Unweighted Base	300	18	33	71	81	92	184	77	26	13	21	125	80	37	35
Base	300	18	33	71	81	92	184	77	26	13	21	125	80	37	35
1952	8 2.7%	0 0.0%	0 0.0%	0 0.0%	8 9.9%	0 0.0%	3 1.6%	4 5.2%	1 3.8%	0 0.0%	0 0.0%	3 2.4%	5 6.3%	0 0.0%	0 0.0%
					+++								++		
<u>45-54</u>	71 23.7%	0 0.0%	0 0.0%	71 100.0%	0 0.0%	0 0.0%	43 23.4%	15 19.5%	8 30.8%	5 38.5%	2 9.5%	33 26.4%	19 23.8%	11 29.7%	6 17.1%
1953	7 2.3%	0 0.0%	0 0.0%	7 9.9%	0 0.0%	0 0.0%	6 3.3%	0 0.0%	1 3.8%	0 0.0%	1 4.8%	1 0.8%	4 5.0%	0 0.0%	1 2.9%
				+++									+		
1954	10 3.3%	0 0.0%	0 0.0%	10 14.1%	0 0.0%	0 0.0%	6 3.3%	3 3.9%	0 0.0%	1 7.7%	0 0.0%	4 3.2%	2 2.5%	2 5.4%	2 5.7%
				+++											
1955	10 3.3%	0 0.0%	0 0.0%	10 14.1%	0 0.0%	0 0.0%	3 1.6%	3 3.9%	2 7.7%	2 15.4%	0 0.0%	4 3.2%	2 2.5%	2 5.4%	2 5.7%
				+++			--								
1956	9 3.0%	0 0.0%	0 0.0%	9 12.7%	0 0.0%	0 0.0%	6 3.3%	3 3.9%	0 0.0%	0 0.0%	0 0.0%	4 3.2%	3 3.8%	2 5.4%	0 0.0%
				+++											
1957	7 2.3%	0 0.0%	0 0.0%	7 9.9%	0 0.0%	0 0.0%	3 1.6%	1 1.3%	3 11.5%	0 0.0%	0 0.0%	4 3.2%	3 3.8%	0 0.0%	0 0.0%
				+++											
1958	8 2.7%	0 0.0%	0 0.0%	8 11.3%	0 0.0%	0 0.0%	4 2.2%	3 3.9%	1 3.8%	0 0.0%	0 0.0%	4 3.2%	1 1.3%	3 8.1%	0 0.0%
				+++										++	
1959	4 1.3%	0 0.0%	0 0.0%	4 5.6%	0 0.0%	0 0.0%	3 1.6%	0 0.0%	1 3.8%	0 0.0%	1 4.8%	2 1.6%	1 1.3%	0 0.0%	0 0.0%
				+++											

(continued)

BREC End-Use and Energy Efficiency Survey (December 2007)

Table 28: In what year were you born?

(continued)

All JPE respondents

	Age						Type of home				Education				
	Total	18-34	35-44	45-54	55-64	65+	Single-story	Multi-story	Mobile	Other	<HS grad	HS grad	Some college	College grad	Post college
Unweighted Base	300	18	33	71	81	92	184	77	26	13	21	125	80	37	35
Base	300	18	33	71	81	92	184	77	26	13	21	125	80	37	35
1960	8 2.7%	0 0.0%	0 0.0%	8 11.3% +++	0 0.0%	0 0.0%	6 3.3%	1 1.3%	0 0.0%	1 7.7%	0 0.0%	5 4.0%	2 2.5%	0 0.0%	1 2.9%
1961	4 1.3%	0 0.0%	0 0.0%	4 5.6% +++	0 0.0%	0 0.0%	2 1.1%	1 1.3%	0 0.0%	1 7.7%	0 0.0%	2 1.6%	0 0.0%	2 5.4% ++	0 0.0%
1962	4 1.3%	0 0.0%	0 0.0%	4 5.6% +++	0 0.0%	0 0.0%	4 2.2%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	3 2.4%	1 1.3%	0 0.0%	0 0.0%
35-44	33 11.0%	0 0.0%	33 100.0%	0 0.0%	0 0.0%	0 0.0%	19 10.3%	12 15.6%	2 7.7%	0 0.0%	0 0.0%	10 8.0%	10 12.5%	5 13.5%	8 22.9% ++
1963	6 2.0%	0 0.0%	6 18.2% +++	0 0.0%	0 0.0%	0 0.0%	2 1.1%	4 5.2% ++	0 0.0%	0 0.0%	0 0.0%	1 0.8%	2 2.5%	1 2.7%	2 5.7% +
1964	6 2.0%	0 0.0%	6 18.2% +++	0 0.0%	0 0.0%	0 0.0%	4 2.2%	2 2.6%	0 0.0%	0 0.0%	0 0.0%	3 2.4%	1 1.3%	0 0.0%	2 5.7% +
1965	3 1.0%	0 0.0%	3 9.1% +++	0 0.0%	0 0.0%	0 0.0%	1 0.5%	2 2.6%	0 0.0%	0 0.0%	0 0.0%	1 0.8%	1 1.3%	1 2.7%	0 0.0%
1967	4 1.3%	0 0.0%	4 12.1% +++	0 0.0%	0 0.0%	0 0.0%	2 1.1%	1 1.3%	1 3.8%	0 0.0%	0 0.0%	1 0.8%	1 1.3%	2 5.4% ++	0 0.0%
1968	3 1.0%	0 0.0%	3 9.1% +++	0 0.0%	0 0.0%	0 0.0%	1 0.5%	1 1.3%	1 3.8%	0 0.0%	0 0.0%	1 0.8%	1 1.3%	0 0.0%	1 2.9%

(continued)

BREC End-Use and Energy Efficiency Survey (December 2007)

Table 28: In what year were you born?

(continued)

All JPE respondents

	Age						Type of home				Education				
	Total	18-34	35-44	45-54	55-64	65+	Single-story	Multi-story	Mobile	Other	<HS grad	HS grad	Some college	College grad	Post college
Unweighted Base	300	18	33	71	81	92	184	77	26	13	21	125	80	37	35
Base	300	18	33	71	81	92	184	77	26	13	21	125	80	37	35
1969	1 0.3%	0 0.0%	1 3.0%	0 0.0%	0 0.0%	0 0.0%	1 0.5%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	1 0.8%	0 0.0%	0 0.0%	0 0.0%
1970	5 1.7%	0 0.0%	5 15.2%	0 0.0%	0 0.0%	0 0.0%	4 2.2%	1 1.3%	0 0.0%	0 0.0%	0 0.0%	1 0.8%	2 2.5%	1 2.7%	1 2.9%
1971	4 1.3%	0 0.0%	4 12.1%	0 0.0%	0 0.0%	0 0.0%	3 1.6%	1 1.3%	0 0.0%	0 0.0%	0 0.0%	1 0.8%	2 2.5%	0 0.0%	1 2.9%
1972	1 0.3%	0 0.0%	1 3.0%	0 0.0%	0 0.0%	0 0.0%	1 0.5%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	1 2.9%
25-34	17 5.7%	17 94.4%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	11 6.0%	4 5.2%	1 3.8%	1 7.7%	1 4.8%	3 2.4%	8 10.0%	3 8.1%	2 5.7%
1973	2 0.7%	2 11.1%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	2 1.1%	0 0.0%	0 0.0%	0 0.0%	1 4.8%	0 0.0%	1 1.3%	0 0.0%	0 0.0%
1974	1 0.3%	1 5.6%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	1 0.5%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	1 0.8%	0 0.0%	0 0.0%	0 0.0%
1975	2 0.7%	2 11.1%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	1 0.5%	0 0.0%	0 0.0%	1 7.7%	0 0.0%	0 0.0%	1 1.3%	0 0.0%	1 2.9%
1976	1 0.3%	1 5.6%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	1 0.5%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	1 0.8%	0 0.0%	0 0.0%	0 0.0%

(continued)

BREC End-Use and Energy Efficiency Survey (December 2007)

Table 28: In what year were you born?

(continued)

All JPE respondents

	Age						Type of home				Education				
	Total	18-34	35-44	45-54	55-64	65+	Single-story	Multi-story	Mobile	Other	<HS grad	HS grad	Some college	College grad	Post college
Unweighted Base	300	18	33	71	81	92	184	77	26	13	21	125	80	37	35
Base	300	18	33	71	81	92	184	77	26	13	21	125	80	37	35
1977	2 0.7%	2 11.1%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	2 1.1%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	1 1.3%	1 2.7%	0 0.0%
1979	4 1.3%	4 22.2%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	2 1.1%	2 2.6%	0 0.0%	0 0.0%	0 0.0%	1 0.8%	1 1.3%	1 2.7%	1 2.9%
1980	3 1.0%	3 16.7%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	1 0.5%	2 2.6%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	2 2.5%	1 2.7%	0 0.0%
1981	1 0.3%	1 5.6%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	1 0.5%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	1 1.3%	0 0.0%	0 0.0%
1982	1 0.3%	1 5.6%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	1 3.8%	0 0.0%	0 0.0%	0 0.0%	1 1.3%	0 0.0%	0 0.0%
<u>18-24</u>	1 0.3%	1 5.6%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	1 1.3%	0 0.0%	0 0.0%	0 0.0%	1 0.8%	0 0.0%	0 0.0%	0 0.0%
1984	1 0.3%	1 5.6%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	1 1.3%	0 0.0%	0 0.0%	0 0.0%	1 0.8%	0 0.0%	0 0.0%	0 0.0%
<u>Refused</u>	5 1.7%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	3 1.6%	2 2.6%	0 0.0%	0 0.0%	0 0.0%	2 1.6%	1 1.3%	0 0.0%	0 0.0%
Refused	5 1.7%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	3 1.6%	2 2.6%	0 0.0%	0 0.0%	0 0.0%	2 1.6%	1 1.3%	0 0.0%	0 0.0%
Chi Square				1000+ p<.001				182.07 .737					261.29 .466		

(continued)

BREC End-Use and Energy Efficiency Survey (December 2007)

Table 28: In what year were you born?

All JPE respondents

	Income					Overall Satisfaction		Age of home						Primary heating source				
	Total	< \$15K	\$15K-\$25K	\$25K-\$40K	\$40-\$75K	> \$75K	Less than satis.	Satis.	<5 yrs	5-10	11-20	21-30	31-50	50+ yrs	Elec. furn.	HP/ geoth.	NG furn.	Prop. furn.
Unweighted Base	300	19	27	54	74	69	76	224	18	41	56	64	76	45	36	42	91	63
Base	300	19	27	54	74	69	76	224	18	41	56	64	76	45	36	42	91	63
65+	92	13	14	19	14	8	10	82	4	8	12	14	33	21	9	10	29	15
	30.7%	68.4%	51.9%	35.2%	18.9%	11.6%	13.2%	36.6%	22.2%	19.5%	21.4%	21.9%	43.4%	46.7%	25.0%	23.8%	31.9%	23.8%
								+++					+++	++		1	0	0
1914	1	0	0	0	0	0	0	1	0	0	0	0	1	0	0	1	0	0
	0.3%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.4%	0.0%	0.0%	0.0%	0.0%	1.3%	0.0%	0.0%	2.4%	0.0%	0.0%
													+			++		
1917	2	0	1	0	0	0	0	2	0	0	1	0	0	1	0	0	1	0
	0.7%	0.0%	3.7%	0.0%	0.0%	0.0%	0.0%	0.9%	0.0%	0.0%	1.8%	0.0%	0.0%	2.2%	0.0%	0.0%	1.1%	0.0%
1919	2	0	0	0	0	2	0	2	0	1	0	0	1	0	1	0	0	0
	0.7%	0.0%	0.0%	0.0%	0.0%	2.9%	0.0%	0.9%	0.0%	2.4%	0.0%	0.0%	1.3%	0.0%	2.8%	0.0%	0.0%	0.0%
						+++									+			
1920	1	0	0	0	0	0	0	1	0	0	1	0	0	0	1	0	0	0
	0.3%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.4%	0.0%	0.0%	1.8%	0.0%	0.0%	0.0%	2.8%	0.0%	0.0%	0.0%
											++				+++			
1921	1	0	0	0	0	0	0	1	0	0	0	0	0	1	0	1	0	0
	0.3%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.4%	0.0%	0.0%	0.0%	0.0%	0.0%	2.2%	0.0%	2.4%	0.0%	0.0%
														++		++		
1922	2	0	0	0	1	0	0	2	0	0	0	0	0	2	0	0	1	0
	0.7%	0.0%	0.0%	0.0%	1.4%	0.0%	0.0%	0.9%	0.0%	0.0%	0.0%	0.0%	0.0%	4.4%	0.0%	0.0%	1.1%	0.0%
														+++				
1923	1	1	0	0	0	0	0	1	0	0	0	0	0	1	0	0	0	0
	0.3%	5.3%	0.0%	0.0%	0.0%	0.0%	0.0%	0.4%	0.0%	0.0%	0.0%	0.0%	0.0%	2.2%	0.0%	0.0%	0.0%	0.0%
														++				
1924	6	2	2	0	0	1	0	6	0	1	1	2	1	1	0	1	3	0
	2.0%	10.5%	7.4%	0.0%	0.0%	1.4%	0.0%	2.7%	0.0%	2.4%	1.8%	3.1%	1.3%	2.2%	0.0%	2.4%	3.3%	0.0%

(continued)

BREC End-Use and Energy Efficiency Survey (December 2007)

Table 28: In what year were you born?

(continued)
All JPE respondents

	Income					Overall Satisfaction		Age of home						Primary heating source				
	Total	< \$15K	\$15K-\$25K	\$25K-\$40K	\$40-\$75K	> \$75K	Less than satis.	Satis.	<5 yrs	5-10	11-20	21-30	31-50	50+ yrs	Elec. furn.	HP/ geoth.	NG furn.	Prop. furn.
Unweighted Base	300	19	27	54	74	69	76	224	18	41	56	64	76	45	36	42	91	63
Base	300	19	27	54	74	69	76	224	18	41	56	64	76	45	36	42	91	63
1925	3	0	1	1	1	0	0	3	0	0	0	1	2	0	0	0	0	1
	1.0%	0.0%	3.7%	1.9%	1.4%	0.0%	0.0%	1.3%	0.0%	0.0%	0.0%	1.6%	2.6%	0.0%	0.0%	0.0%	0.0%	1.6%
1926	3	1	0	0	0	0	0	3	0	0	0	1	1	1	2	0	1	0
	1.0%	5.3%	0.0%	0.0%	0.0%	0.0%	0.0%	1.3%	0.0%	0.0%	0.0%	1.6%	1.3%	2.2%	5.6%	0.0%	1.1%	0.0%
1927	3	0	0	3	0	0	0	3	0	0	0	1	2	0	0	0	1	0
	1.0%	0.0%	0.0%	5.6%	0.0%	0.0%	0.0%	1.3%	0.0%	0.0%	0.0%	1.6%	2.6%	0.0%	0.0%	0.0%	1.1%	0.0%
1928	1	0	0	0	0	0	0	1	0	0	0	0	1	0	0	0	1	0
	0.3%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.4%	0.0%	0.0%	0.0%	0.0%	1.3%	0.0%	0.0%	0.0%	1.1%	0.0%
1929	1	0	0	1	0	0	0	1	0	0	0	0	0	1	0	0	0	1
	0.3%	0.0%	0.0%	1.9%	0.0%	0.0%	0.0%	0.4%	0.0%	0.0%	0.0%	0.0%	0.0%	2.2%	0.0%	0.0%	0.0%	1.6%
1930	4	0	1	0	2	0	1	3	1	1	0	0	1	1	0	1	1	2
	1.3%	0.0%	3.7%	0.0%	2.7%	0.0%	1.3%	1.3%	5.6%	2.4%	0.0%	0.0%	1.3%	2.2%	0.0%	2.4%	1.1%	3.2%
1931	4	2	0	1	0	1	1	3	0	1	0	1	0	2	0	0	0	2
	1.3%	10.5%	0.0%	1.9%	0.0%	1.4%	1.3%	1.3%	0.0%	2.4%	0.0%	1.6%	0.0%	4.4%	0.0%	0.0%	0.0%	3.2%
1932	4	1	0	0	2	0	1	3	0	1	0	0	2	1	0	1	1	1
	1.3%	5.3%	0.0%	0.0%	2.7%	0.0%	1.3%	1.3%	0.0%	2.4%	0.0%	0.0%	2.6%	2.2%	0.0%	2.4%	1.1%	1.6%
1933	5	1	1	1	1	0	1	4	1	1	0	1	2	0	1	1	2	0
	1.7%	5.3%	3.7%	1.9%	1.4%	0.0%	1.3%	1.8%	5.6%	2.4%	0.0%	1.6%	2.6%	0.0%	2.8%	2.4%	2.2%	0.0%

(continued)

BREC End-Use and Energy Efficiency Survey (December 2007)

Table 28: In what year were you born?

(continued)
All JPE respondents

	Income						Overall Satisfaction		Age of home						Primary heating source			
	Total	<	\$15K-	\$25K-	\$40-	>	Less than satis.	Satis.	<5 yrs	5-10	11-20	21-30	31-50	50+ yrs	Elec. furn.	HP/ geoth.	NG furn.	Prop. furn.
		\$15K	\$25K	\$40K	\$75K	\$75K												
Unweighted Base	300	19	27	54	74	69	76	224	18	41	56	64	76	45	36	42	91	63
Base	300	19	27	54	74	69	76	224	18	41	56	64	76	45	36	42	91	63
1934	10 3.3%	1 5.3%	3 11.1%	0 0.0%	1 1.4%	0 0.0%	1 1.3%	9 4.0%	0 0.0%	0 0.0%	1 1.8%	1 1.6%	5 6.6%	3 6.7%	0 0.0%	1 2.4%	4 4.4%	2 3.2%
1935	2 0.7%	0 0.0%	1 3.7%	1 1.9%	0 0.0%	0 0.0%	0 0.0%	2 0.9%	0 0.0%	0 0.0%	0 0.0%	1 1.6%	1 1.3%	0 0.0%	0 0.0%	1 2.4%	0 0.0%	1 1.6%
1936	4 1.3%	0 0.0%	0 0.0%	1 1.9%	1 1.4%	0 0.0%	1 1.3%	3 1.3%	0 0.0%	0 0.0%	1 1.8%	1 1.6%	2 2.6%	0 0.0%	0 0.0%	0 0.0%	2 2.2%	1 1.6%
1937	7 2.3%	3 15.8%	0 0.0%	1 1.9%	2 2.7%	1 1.4%	0 0.0%	7 3.1%	2 11.1%	1 2.4%	1 1.8%	2 3.1%	0 0.0%	1 2.2%	0 0.0%	0 0.0%	4 4.4%	1 1.6%
1938	8 2.7%	1 5.3%	1 3.7%	4 7.4%	0 0.0%	1 1.4%	1 1.3%	7 3.1%	0 0.0%	0 0.0%	2 3.6%	0 0.0%	6 7.9%	0 0.0%	1 2.8%	1 2.4%	3 3.3%	0 0.0%
1939	3 1.0%	0 0.0%	0 0.0%	1 1.9%	1 1.4%	0 0.0%	0 0.0%	3 1.3%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	2 2.6%	1 2.2%	0 0.0%	0 0.0%	2 2.2%	1 1.6%
1940	3 1.0%	0 0.0%	0 0.0%	2 3.7%	0 0.0%	1 1.4%	0 0.0%	3 1.3%	0 0.0%	0 0.0%	2 3.6%	0 0.0%	1 1.3%	0 0.0%	1 2.8%	0 0.0%	0 0.0%	0 0.0%
1941	7 2.3%	0 0.0%	1 3.7%	1 1.9%	2 2.7%	1 1.4%	2 2.6%	5 2.2%	0 0.0%	1 2.4%	2 3.6%	1 1.6%	1 1.3%	2 4.4%	2 5.6%	1 2.4%	1 1.1%	1 1.6%
1942	4 1.3%	0 0.0%	2 7.4%	1 1.9%	0 0.0%	0 0.0%	1 1.3%	3 1.3%	0 0.0%	0 0.0%	0 0.0%	1 1.6%	1 1.3%	2 4.4%	0 0.0%	0 0.0%	1 1.1%	1 1.6%

(continued)

BREC End-Use and Energy Efficiency Survey (December 2007)

Table 28: In what year were you born?

(continued)
All JPE respondents

	Income					Overall Satisfaction		Age of home						Primary heating source				
	Total	< \$15K	\$15K-\$25K	\$25K-\$40K	\$40-\$75K	> \$75K	Less than satis.	Satis.	<5 yrs	5-10	11-20	21-30	31-50	50+ yrs	Elec. furn.	HP/ geoth.	NG furn.	Prop. furn.
Unweighted Base	300	19	27	54	74	69	76	224	18	41	56	64	76	45	36	42	91	63
Base	300	19	27	54	74	69	76	224	18	41	56	64	76	45	36	42	91	63
55-64	81	2	9	15	21	19	24	57	3	12	21	17	19	9	8	9	30	21
	27.0%	10.5%	33.3%	27.8%	28.4%	27.5%	31.6%	25.4%	16.7%	29.3%	37.5%	26.6%	25.0%	20.0%	22.2%	21.4%	33.0%	33.3%
1943	6	1	1	1	1	2	2	4	1	1	1	1	1	1	2	0	2	0
	2.0%	5.3%	3.7%	1.9%	1.4%	2.9%	2.6%	1.8%	5.6%	2.4%	1.8%	1.6%	1.3%	2.2%	5.6%	0.0%	2.2%	0.0%
1944	7	0	0	1	2	2	4	3	0	1	2	2	2	0	0	1	4	2
	2.3%	0.0%	0.0%	1.9%	2.7%	2.9%	5.3%	1.3%	0.0%	2.4%	3.6%	3.1%	2.6%	0.0%	0.0%	2.4%	4.4%	3.2%
1945	4	0	1	1	1	1	2	2	0	1	0	2	0	1	0	0	2	1
	1.3%	0.0%	3.7%	1.9%	1.4%	1.4%	2.6%	0.9%	0.0%	2.4%	0.0%	3.1%	0.0%	2.2%	0.0%	0.0%	2.2%	1.6%
1946	9	0	1	3	3	2	1	8	0	0	2	3	3	1	0	1	4	2
	3.0%	0.0%	3.7%	5.6%	4.1%	2.9%	1.3%	3.6%	0.0%	0.0%	3.6%	4.7%	3.9%	2.2%	0.0%	2.4%	4.4%	3.2%
1947	5	0	1	0	2	1	2	3	0	1	2	1	1	0	0	0	4	0
	1.7%	0.0%	3.7%	0.0%	2.7%	1.4%	2.6%	1.3%	0.0%	2.4%	3.6%	1.6%	1.3%	0.0%	0.0%	0.0%	4.4%	0.0%
1948	14	1	0	3	4	4	3	11	1	2	3	1	5	2	0	3	4	6
	4.7%	5.3%	0.0%	5.6%	5.4%	5.8%	3.9%	4.9%	5.6%	4.9%	5.4%	1.6%	6.6%	4.4%	0.0%	7.1%	4.4%	9.5%
1949	7	0	2	1	0	0	1	6	0	2	1	1	3	0	1	0	1	3
	2.3%	0.0%	7.4%	1.9%	0.0%	0.0%	1.3%	2.7%	0.0%	4.9%	1.8%	1.6%	3.9%	0.0%	2.8%	0.0%	1.1%	4.8%

(continued)

BREC End-Use and Energy Efficiency Survey (December 2007)

Table 28: In what year were you born?

(continued)

All JPE respondents

	Income					Overall Satisfaction		Age of home						Primary heating source				
	Total	< \$15K	\$15K- \$25K	\$25K- \$40K	\$40- \$75K	> \$75K	Less than satis.	Satis.	<5 yrs	5-10	11-20	21-30	31-50	50+ yrs	Elec. furn.	HP/ geoth.	NG furn.	Prop. furn.
							76	224										
Unweighted Base	300	19	27	54	74	69	76	224	18	41	56	64	76	45	36	42	91	63
Base	300	19	27	54	74	69	76	224	18	41	56	64	76	45	36	42	91	63
1950	13 4.3%	0 0.0%	3 11.1%	2 3.7%	2 2.7%	4 5.8%	6 7.9%	7 3.1%	1 5.6%	0 0.0%	6 10.7%	1 1.6%	1 1.3%	4 8.9%	3 8.3%	2 4.8%	2 2.2%	3 4.8%
1951	8 2.7%	0 0.0%	0 0.0%	2 3.7%	4 5.4%	1 1.4%	1 1.3%	7 3.1%	0 0.0%	3 7.3%	2 3.6%	2 3.1%	1 1.3%	0 0.0%	1 2.8%	0 0.0%	2 2.2%	4 6.3%
1952	8 2.7%	0 0.0%	0 0.0%	1 1.9%	2 2.7%	2 2.9%	2 2.6%	6 2.7%	0 0.0%	1 2.4%	2 3.6%	3 4.7%	2 2.6%	0 0.0%	1 2.8%	2 4.8%	5 5.5%	0 0.0%
45-54	71 23.7%	3 15.8%	2 7.4%	14 25.9%	24 32.4%	16 23.2%	22 28.9%	49 21.9%	2 11.1%	9 22.0%	14 25.0%	25 39.1%	14 18.4%	7 15.6%	12 33.3%	15 35.7%	17 18.7%	12 19.0%
1953	7 2.3%	0 0.0%	0 0.0%	2 3.7%	2 2.7%	2 2.9%	3 3.9%	4 1.8%	0 0.0%	0 0.0%	1 1.8%	2 3.1%	4 5.3%	0 0.0%	0 0.0%	1 2.4%	1 1.1%	2 3.2%
1954	10 3.3%	1 5.3%	0 0.0%	0 0.0%	4 5.4%	2 2.9%	5 6.6%	5 2.2%	0 0.0%	0 0.0%	3 5.4%	3 4.7%	3 3.9%	1 2.2%	2 5.6%	1 2.4%	4 4.4%	0 0.0%
1955	10 3.3%	0 0.0%	0 0.0%	1 1.9%	5 6.8%	2 2.9%	2 2.6%	8 3.6%	0 0.0%	1 2.4%	1 1.8%	7 10.9%	0 0.0%	1 2.2%	1 2.8%	1 2.4%	4 4.4%	1 1.6%
1956	9 3.0%	0 0.0%	1 3.7%	1 1.9%	1 1.4%	3 4.3%	3 3.9%	6 2.7%	0 0.0%	2 4.9%	3 5.4%	3 4.7%	0 0.0%	1 2.2%	0 0.0%	4 9.5%	2 2.2%	1 1.6%

(continued)

BREC End-Use and Energy Efficiency Survey (December 2007)

Table 28: In what year were you born?

(continued)

All JPE respondents

	Income					Overall Satisfaction		Age of home						Primary heating source				
	Total	< \$15K	\$15K-\$25K	\$25K-\$40K	\$40-\$75K	> \$75K	Less than satis.	Satis.	<5 yrs	5-10	11-20	21-30	31-50	50+ yrs	Elec. furn.	HP/ geoth.	NG furn.	Prop. furn.
Unweighted Base	300	19	27	54	74	69	76	224	18	41	56	64	76	45	36	42	91	63
Base	300	19	27	54	74	69	76	224	18	41	56	64	76	45	36	42	91	63
1957	7 2.3%	1 5.3%	0 0.0%	4 7.4%	2 2.7%	0 0.0%	3 3.9%	4 1.8%	0 0.0%	1 2.4%	1 1.8%	3 4.7%	2 2.6%	0 0.0%	3 8.3%	1 2.4%	0 0.0%	3 4.8%
1958	8 2.7%	0 0.0%	1 3.7%	3 5.6%	1 1.4%	2 2.9%	2 2.6%	6 2.7%	0 0.0%	0 0.0%	3 5.4%	4 6.3%	1 1.3%	0 0.0%	2 5.6%	2 4.8%	3 3.3%	1 1.6%
1959	4 1.3%	1 5.3%	0 0.0%	1 1.9%	1 1.4%	1 1.4%	0 0.0%	4 1.8%	0 0.0%	1 2.4%	0 0.0%	1 1.6%	1 1.3%	1 2.2%	0 0.0%	1 2.4%	1 1.1%	2 3.2%
1960	8 2.7%	0 0.0%	0 0.0%	1 1.9%	5 6.8%	2 2.9%	1 1.3%	7 3.1%	1 5.6%	1 2.4%	1 1.8%	2 3.1%	1 1.3%	2 4.4%	3 8.3%	1 2.4%	1 1.1%	0 0.0%
1961	4 1.3%	0 0.0%	0 0.0%	1 1.9%	0 0.0%	2 2.9%	2 2.6%	2 0.9%	1 5.6%	2 4.9%	1 1.8%	0 0.0%	0 0.0%	0 0.0%	1 2.8%	2 4.8%	1 1.1%	0 0.0%
1962	4 1.3%	0 0.0%	0 0.0%	0 0.0%	3 4.1%	0 0.0%	1 1.3%	3 1.3%	0 0.0%	1 2.4%	0 0.0%	0 0.0%	2 2.6%	1 2.2%	0 0.0%	1 2.4%	0 0.0%	2 3.2%
35-44	33 11.0%	0 0.0%	0 0.0%	4 7.4%	10 13.5%	18 26.1%	12 15.8%	21 9.4%	6 33.3%	7 17.1%	6 10.7%	4 6.3%	5 6.6%	5 11.1%	2 5.6%	5 11.9%	9 9.9%	10 15.9%
1963	6 2.0%	0 0.0%	0 0.0%	0 0.0%	2 2.7%	4 5.8%	4 5.3%	2 0.9%	2 11.1%	1 2.4%	2 3.6%	0 0.0%	1 1.3%	0 0.0%	0 0.0%	1 2.4%	2 2.2%	2 3.2%

(continued)

BREC End-Use and Energy Efficiency Survey (December 2007)

Table 28: In what year were you born?

(continued)

All JPE respondents

	Income					Overall Satisfaction		Age of home						Primary heating source				
	Total	< \$15K	\$15K-\$25K	\$25K-\$40K	\$40-\$75K	> \$75K	Less than satis.	Satis.	<5 yrs	5-10	11-20	21-30	31-50	50+ yrs	Elec. furn.	HP/ geoth.	NG furn.	Prop. furn.
Unweighted Base	300	19	27	54	74	69	76	224	18	41	56	64	76	45	36	42	91	63
Base	300	19	27	54	74	69	76	224	18	41	56	64	76	45	36	42	91	63
1964	6 2.0%	0 0.0%	0 0.0%	1 1.9%	3 4.1%	2 2.9%	2 2.6%	4 1.8%	1 5.6%	1 2.4%	0 0.0%	1 1.6%	0 0.0%	3 6.7% ++	0 0.0%	2 4.8%	1 1.1%	2 3.2%
1965	3 1.0%	0 0.0%	0 0.0%	1 1.9%	0 0.0%	2 2.9% +	1 1.3%	2 0.9%	0 0.0%	0 0.0%	1 1.8%	2 3.1% +	0 0.0%	0 0.0%	0 0.0%	0 0.0%	2 2.2%	0 0.0%
1967	4 1.3%	0 0.0%	0 0.0%	0 0.0%	1 1.4%	2 2.9%	1 1.3%	3 1.3%	0 0.0%	2 4.9% ++	0 0.0%	0 0.0%	1 1.3%	1 2.2%	1 2.8%	0 0.0%	1 1.1%	1 1.6%
1968	3 1.0%	0 0.0%	0 0.0%	0 0.0%	1 1.4%	2 2.9% +	0 0.0%	3 1.3%	0 0.0%	1 2.4% ++	2 3.6% ++	0 0.0%	0 0.0%	0 0.0%	1 2.8%	0 0.0%	0 0.0%	1 1.6%
1969	1 0.3%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	1 1.4% +	0 0.0%	1 0.4%	1 5.6%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	1 1.6% +
1970	5 1.7%	0 0.0%	0 0.0%	1 1.9%	2 2.7%	2 2.9%	2 2.6%	3 1.3%	0 0.0%	1 2.4%	1 1.8%	1 1.6%	1 1.3%	1 2.2%	0 0.0%	0 0.0%	1 1.1%	2 3.2%
1971	4 1.3%	0 0.0%	0 0.0%	1 1.9%	1 1.4%	2 2.9%	2 2.6%	2 0.9%	2 11.1%	0 0.0%	0 0.0%	0 0.0%	2 2.6%	0 0.0%	0 0.0%	2 4.8% ++	1 1.1%	1 1.6%
1972	1 0.3%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	1 1.4% +	0 0.0%	1 0.4%	0 0.0%	1 2.4% ++	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	1 1.1%	0 0.0%

(continued)

BREC End-Use and Energy Efficiency Survey (December 2007)

Table 28: In what year were you born?

(continued)

All JPE respondents

	Income					Overall Satisfaction		Age of home						Primary heating source				
	Total	< \$15K	\$15K- \$25K	\$25K- \$40K	\$40- \$75K	> \$75K	Less than satis.	Satis.	<5 yrs	5-10	11-20	21-30	31-50	50+ yrs	Elec. furn.	HP/ geoth.	NG furn.	Prop. furn.
Unweighted Base	300	19	27	54	74	69	76	224	18	41	56	64	76	45	36	42	91	63
Base	300	19	27	54	74	69	76	224	18	41	56	64	76	45	36	42	91	63
25-34	17	0	2	2	5	7	8	9	3	4	3	2	3	2	5	2	3	4
	5.7%	0.0%	7.4%	3.7%	6.8%	10.1%	10.5%	4.0%	16.7%	9.8%	5.4%	3.1%	3.9%	4.4%	13.9%	4.8%	3.3%	6.3%
						+	++	-							++			
1973	2	0	1	0	0	1	0	2	0	0	1	1	0	0	0	0	1	0
	0.7%	0.0%	3.7%	0.0%	0.0%	1.4%	0.0%	0.9%	0.0%	0.0%	1.8%	1.6%	0.0%	0.0%	0.0%	0.0%	1.1%	0.0%
1974	1	0	0	1	0	0	1	0	0	0	0	0	1	0	0	0	1	0
	0.3%	0.0%	0.0%	1.9%	0.0%	0.0%	1.3%	0.0%	0.0%	0.0%	0.0%	0.0%	1.3%	0.0%	0.0%	0.0%	1.1%	0.0%
				++			+						+					
1975	2	0	1	0	0	1	0	2	1	0	1	0	0	0	1	1	0	0
	0.7%	0.0%	3.7%	0.0%	0.0%	1.4%	0.0%	0.9%	5.6%	0.0%	1.8%	0.0%	0.0%	0.0%	2.8%	2.4%	0.0%	0.0%
															+			
1976	1	0	0	0	1	0	0	1	0	1	0	0	0	0	1	0	0	0
	0.3%	0.0%	0.0%	0.0%	1.4%	0.0%	0.0%	0.4%	0.0%	2.4%	0.0%	0.0%	0.0%	0.0%	2.8%	0.0%	0.0%	0.0%
					+					++					+++			
1977	2	0	0	0	1	1	2	0	1	0	0	0	1	0	0	0	0	1
	0.7%	0.0%	0.0%	0.0%	1.4%	1.4%	2.6%	0.0%	5.6%	0.0%	0.0%	0.0%	1.3%	0.0%	0.0%	0.0%	0.0%	1.6%
							++											
1979	4	0	0	0	1	2	3	1	0	1	0	1	1	1	1	1	0	2
	1.3%	0.0%	0.0%	0.0%	1.4%	2.9%	3.9%	0.4%	0.0%	2.4%	0.0%	1.6%	1.3%	2.2%	2.8%	2.4%	0.0%	3.2%
							++	-										
1980	3	0	0	0	1	2	1	2	0	1	1	0	0	1	0	0	1	1
	1.0%	0.0%	0.0%	0.0%	1.4%	2.9%	1.3%	0.9%	0.0%	2.4%	1.8%	0.0%	0.0%	2.2%	0.0%	0.0%	1.1%	1.6%
							+											

(continued)

BREC End-Use and Energy Efficiency Survey (December 2007)

Table 28: In what year were you born?

(continued)
All JPE respondents

	Income					Overall Satisfaction		Age of home						Primary heating source				
	Total	< \$15K	\$15K- \$25K	\$25K- \$40K	\$40- \$75K	> \$75K	Less than satis.	Satis.	<5 yrs	5-10	11-20	21-30	31-50	50+ yrs	Elec. furn.	HP/ geoth.	NG furn.	Prop. furn.
Unweighted Base	300	19	27	54	74	69	76	224	18	41	56	64	76	45	36	42	91	63
Base	300	19	27	54	74	69	76	224	18	41	56	64	76	45	36	42	91	63
1981	1 0.3%	0 0.0%	0 0.0%	1 1.9% ++	0 0.0%	0 0.0%	0 0.0%	1 0.4%	1 5.6%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	1 2.8% +++	0 0.0%	0 0.0%	0 0.0%
1982	1 0.3%	0 0.0%	0 0.0%	0 0.0%	1 1.4% +	0 0.0%	1 1.3% +	0 0.0%	0 0.0%	1 2.4% ++	0 0.0%	0 0.0%	0 0.0%	0 0.0%	1 2.8% +++	0 0.0%	0 0.0%	0 0.0%
18-24	1 0.3%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	1 1.4% +	0 0.0%	1 0.4%	0 0.0%	1 2.4% ++	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	1 1.1%	0 0.0%
1984	1 0.3%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	1 1.4% +	0 0.0%	1 0.4%	0 0.0%	1 2.4% ++	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	1 1.1%	0 0.0%
Refused	5 1.7%	1 5.3%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	5 2.2%	0 0.0%	0 0.0%	0 0.0%	2 3.1%	2 2.6%	1 2.2%	0 0.0%	1 2.4%	2 2.2%	1 1.6%
Refused	5 1.7%	1 5.3%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	5 2.2%	0 0.0%	0 0.0%	0 0.0%	2 3.1%	2 2.6%	1 2.2%	0 0.0%	1 2.4%	2 2.2%	1 1.6%
Chi Square				283.95 .147			67.05 .407					360.57 p<.10					199.58 .396	

BREC End-Use and Energy Efficiency Survey (December 2007)

Table 29: How many people live in your household most of the year?

All JPE respondents

	Total	Gender		Financial burden of the electric bill			Number of people in the home					Length of time served by co-op				
		Male	Female	Not too much	Some	Quite a bit	1	2	3	4	5+	<5 yrs.	5-10	11-15	16-25	>25 yrs.
Unweighted Base	300	141	159	156	108	34	41	162	45	35	15	23	38	36	62	141
Base	300	141	159	156	108	34	41	162	45	35	15	23	38	36	62	141
<u>1</u>	41	12	29	17	17	7	41	0	0	0	0	3	4	4	5	25
	13.7%	8.5%	18.2%	10.9%	15.7%	20.6%	100.0%	0.0%	0.0%	0.0%	0.0%	13.0%	10.5%	11.1%	8.1%	17.7%
		--	++				+++									+
1	41	12	29	17	17	7	41	0	0	0	0	3	4	4	5	25
	13.7%	8.5%	18.2%	10.9%	15.7%	20.6%	100.0%	0.0%	0.0%	0.0%	0.0%	13.0%	10.5%	11.1%	8.1%	17.7%
		--	++				+++									+
<u>2</u>	162	89	73	85	59	17	0	162	0	0	0	13	14	15	30	90
	54.0%	63.1%	45.9%	54.5%	54.6%	50.0%	0.0%	100.0%	0.0%	0.0%	0.0%	56.5%	36.8%	41.7%	48.4%	63.8%
		+++	--					+++					--			+++
2	162	89	73	85	59	17	0	162	0	0	0	13	14	15	30	90
	54.0%	63.1%	45.9%	54.5%	54.6%	50.0%	0.0%	100.0%	0.0%	0.0%	0.0%	56.5%	36.8%	41.7%	48.4%	63.8%
		+++	--					+++					--			+++
<u>3-5</u>	92	40	52	53	30	9	0	0	45	35	12	6	20	17	26	23
	30.7%	28.4%	32.7%	34.0%	27.8%	26.5%	0.0%	0.0%	100.0%	100.0%	80.0%	26.1%	52.6%	47.2%	41.9%	16.3%
									+++	+++			+++	++	++	--
3	45	20	25	25	14	6	0	0	45	0	0	3	8	8	10	16
	15.0%	14.2%	15.7%	16.0%	13.0%	17.6%	0.0%	0.0%	100.0%	0.0%	0.0%	13.0%	21.1%	22.2%	16.1%	11.3%
									+++							-
4	35	14	21	22	10	3	0	0	0	35	0	2	10	7	11	5
	11.7%	9.9%	13.2%	14.1%	9.3%	8.8%	0.0%	0.0%	0.0%	100.0%	0.0%	8.7%	26.3%	19.4%	17.7%	3.5%
										+++			+++		+	--
5	12	6	6	6	6	0	0	0	0	0	12	1	2	2	5	2
	4.0%	4.3%	3.8%	3.8%	5.6%	0.0%	0.0%	0.0%	0.0%	0.0%	80.0%	4.3%	5.3%	5.6%	8.1%	1.4%
															+	--

(continued)

BREC End-Use and Energy Efficiency Survey (December 2007)

Table 29: How many people live in your household most of the year?

(continued)

All JPE respondents

	Gender		Financial burden of the electric bill			Number of people in the home					Length of time served by co-op					
	Total	Male	Female	Not too much	Some	Quite a bit	1	2	3	4	5+	<5 yrs.	5-10	11-15	16-25	>25 yrs.
Unweighted Base	300	141	159	156	108	34	41	162	45	35	15	23	38	36	62	141
Base	300	141	159	156	108	34	41	162	45	35	15	23	38	36	62	141
6-10	3 1.0%	0 0.0%	3 1.9%	1 0.6%	1 0.9%	1 2.9%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	3 20.0%	1 4.3%	0 0.0%	0 0.0%	1 1.6%	1 0.7%
6	1 0.3%	0 0.0%	1 0.6%	0 0.0%	0 0.0%	1 2.9% +++	0 0.0%	0 0.0%	0 0.0%	0 0.0%	1 6.7%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	1 0.7%
7	1 0.3%	0 0.0%	1 0.6%	0 0.0%	1 0.9%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	1 6.7%	1 4.3%	0 0.0%	0 0.0%	0 0.0%	0 0.0%
8	1 0.3%	0 0.0%	1 0.6%	1 0.6%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	1 6.7%	0 0.0%	0 0.0%	0 0.0%	1 1.6% ++	0 0.0%
Refused	2 0.7%	0 0.0%	2 1.3%	0 0.0%	1 0.9%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	2 1.4%
Refused	2 0.7%	0 0.0%	2 1.3%	0 0.0%	1 0.9%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	2 1.4%
Chi Square			14.56 .068		18.82 .278						1000+ .001				56.64 .005	

(continued)

BREC End-Use and Energy Efficiency Survey (December 2007)

Table 29: How many people live in your household most of the year?

All JPE respondents

	Age						Type of home				Education				
	Total	18-34	35-44	45-54	55-64	65+	Single-story	Multi-story	Mobile	Other	<HS grad	HS grad	Some college	College grad	Post college
Unweighted Base	300	18	33	71	81	92	184	77	26	13	21	125	80	37	35
Base	300	18	33	71	81	92	184	77	26	13	21	125	80	37	35
1	41	1	1	7	13	19	27	7	3	4	4	10	12	9	6
	13.7%	5.6%	3.0%	9.9%	16.0%	20.7%	14.7%	9.1%	11.5%	30.8%	19.0%	8.0%	15.0%	24.3%	17.1%
			-			++						-			++
1	41	1	1	7	13	19	27	7	3	4	4	10	12	9	6
	13.7%	5.6%	3.0%	9.9%	16.0%	20.7%	14.7%	9.1%	11.5%	30.8%	19.0%	8.0%	15.0%	24.3%	17.1%
			-			++						-			++
2	162	2	1	38	56	61	99	42	16	5	14	78	40	13	16
	54.0%	11.1%	3.0%	53.5%	69.1%	66.3%	53.8%	54.5%	61.5%	38.5%	66.7%	62.4%	50.0%	35.1%	45.7%
			---		+++	+++						++			---
2	162	2	1	38	56	61	99	42	16	5	14	78	40	13	16
	54.0%	11.1%	3.0%	53.5%	69.1%	66.3%	53.8%	54.5%	61.5%	38.5%	66.7%	62.4%	50.0%	35.1%	45.7%
			---		+++	+++						++			---
3-5	92	14	31	25	11	11	55	26	7	4	2	35	27	15	13
	30.7%	77.8%	93.9%	35.2%	13.6%	12.0%	29.9%	33.8%	26.9%	30.8%	9.5%	28.0%	33.8%	40.5%	37.1%
			+++		---	---						++			---
3	45	8	9	11	8	9	25	13	3	4	0	19	14	7	5
	15.0%	44.4%	27.3%	15.5%	9.9%	9.8%	13.6%	16.9%	11.5%	30.8%	0.0%	15.2%	17.5%	18.9%	14.3%
			++			-									
4	35	4	16	11	2	2	22	9	4	0	2	11	10	6	6
	11.7%	22.2%	48.5%	15.5%	2.5%	2.2%	12.0%	11.7%	15.4%	0.0%	9.5%	8.8%	12.5%	16.2%	17.1%
			+++		---	---									
5	12	2	6	3	1	0	8	4	0	0	0	5	3	2	2
	4.0%	11.1%	18.2%	4.2%	1.2%	0.0%	4.3%	5.2%	0.0%	0.0%	0.0%	4.0%	3.8%	5.4%	5.7%
			+++												
6-10	3	1	0	1	1	0	1	2	0	0	1	2	0	0	0
	1.0%	5.6%	0.0%	1.4%	1.2%	0.0%	0.5%	2.6%	0.0%	0.0%	4.8%	1.6%	0.0%	0.0%	0.0%
			+++												
6	1	0	0	1	0	0	0	1	0	0	0	1	0	0	0
	0.3%	0.0%	0.0%	1.4%	0.0%	0.0%	0.0%	1.3%	0.0%	0.0%	0.0%	0.8%	0.0%	0.0%	0.0%
				+				+							

(continued)

BREC End-Use and Energy Efficiency Survey (December 2007)

Table 29: How many people live in your household most of the year?

(continued)

All JPE respondents

	Total	Age					Type of home				Education				
		18-34	35-44	45-54	55-64	65+	Single-story	Multi-story	Mobile	Other	<HS grad	HS grad	Some college	College grad	Post college
Unweighted Base	300	18	33	71	81	92	184	77	26	13	21	125	80	37	35
Base	300	18	33	71	81	92	184	77	26	13	21	125	80	37	35
7	1 0.3%	0 0.0%	0 0.0%	0 0.0%	1 1.2%	0 0.0%	0 0.0%	1 1.3%	0 0.0%	0 0.0%	0 0.0%	1 0.8%	0 0.0%	0 0.0%	0 0.0%
8	1 0.3%	1 5.6%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	1 0.5%	0 0.0%	0 0.0%	0 0.0%	1 4.8%	0 0.0%	0 0.0%	0 0.0%	0 0.0%
Refused	2 0.7%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	1 1.1%	2 1.1%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	1 1.3%	0 0.0%	0 0.0%
Refused	2 0.7%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	1 1.1%	2 1.1%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	1 1.3%	0 0.0%	0 0.0%
Chi Square				152.72 .001				19.25 .739					38.56 .197		

(continued)

BREC End-Use and Energy Efficiency Survey (December 2007)

Table 29: How many people live in your household most of the year?

All JPE respondents

	Total	Income					Overall Satisfaction		Age of home						Primary heating source			
		< \$15K	\$15K-\$25K	\$25K-\$40K	\$40-\$75K	> \$75K	Less than satis.	Satis.	<5 yrs	5-10	11-20	21-30	31-50	50+ yrs	Elec. furn.	HP/ geoth.	NG furn.	Prop. furn.
Unweighted Base	300	19	27	54	74	69	76	224	18	41	56	64	76	45	36	42	91	63
Base	300	19	27	54	74	69	76	224	18	41	56	64	76	45	36	42	91	63
<u>1</u>	41	6	7	11	5	4	7	34	1	6	9	6	9	10	8	5	14	5
	13.7%	31.6%	25.9%	20.4%	6.8%	5.8%	9.2%	15.2%	5.6%	14.6%	16.1%	9.4%	11.8%	22.2%	22.2%	11.9%	15.4%	7.9%
					--	--								+				
1	41	6	7	11	5	4	7	34	1	6	9	6	9	10	8	5	14	5
	13.7%	31.6%	25.9%	20.4%	6.8%	5.8%	9.2%	15.2%	5.6%	14.6%	16.1%	9.4%	11.8%	22.2%	22.2%	11.9%	15.4%	7.9%
					--	--								+				
<u>2</u>	162	11	14	33	36	30	41	121	7	17	29	43	47	19	16	23	48	38
	54.0%	57.9%	51.9%	61.1%	48.6%	43.5%	53.9%	54.0%	38.9%	41.5%	51.8%	67.2%	61.8%	42.2%	44.4%	54.8%	52.7%	60.3%
					--	--						++		-				
2	162	11	14	33	36	30	41	121	7	17	29	43	47	19	16	23	48	38
	54.0%	57.9%	51.9%	61.1%	48.6%	43.5%	53.9%	54.0%	38.9%	41.5%	51.8%	67.2%	61.8%	42.2%	44.4%	54.8%	52.7%	60.3%
					--	--						++		-				
<u>3-5</u>	92	2	6	9	32	34	27	65	10	17	17	14	20	14	12	13	28	20
	30.7%	10.5%	22.2%	16.7%	43.2%	49.3%	35.5%	29.0%	55.6%	41.5%	30.4%	21.9%	26.3%	31.1%	33.3%	31.0%	30.8%	31.7%
				--	+++	+++												
3	45	1	4	2	17	14	12	33	5	8	9	6	13	4	10	5	15	7
	15.0%	5.3%	14.8%	3.7%	23.0%	20.3%	15.8%	14.7%	27.8%	19.5%	16.1%	9.4%	17.1%	8.9%	27.8%	11.9%	16.5%	11.1%
				--	++										++			
4	35	1	2	5	12	13	11	24	3	8	8	6	4	6	2	6	9	8
	11.7%	5.3%	7.4%	9.3%	16.2%	18.8%	14.5%	10.7%	16.7%	19.5%	14.3%	9.4%	5.3%	13.3%	5.6%	14.3%	9.9%	12.7%
					++					+				--				
5	12	0	0	2	3	7	4	8	2	1	0	2	3	4	0	2	4	5
	4.0%	0.0%	0.0%	3.7%	4.1%	10.1%	5.3%	3.6%	11.1%	2.4%	0.0%	3.1%	3.9%	8.9%	0.0%	4.8%	4.4%	7.9%
					+++									+				+

(continued)

BREC End-Use and Energy Efficiency Survey (December 2007)

Table 29: How many people live in your household most of the year?

(continued)

All JPE respondents

	Income					Overall Satisfaction		Age of home						Primary heating source				
	Total	< \$15K	\$15K-\$25K	\$25K-\$40K	\$40-\$75K	> \$75K	Less than satis.	Satis.	<5 yrs	5-10	11-20	21-30	31-50	50+ yrs	Elec. furn.	HP/ geoth.	NG furn.	Prop. furn.
Unweighted Base	300	19	27	54	74	69	76	224	18	41	56	64	76	45	36	42	91	63
Base	300	19	27	54	74	69	76	224	18	41	56	64	76	45	36	42	91	63
6-10	3	0	0	1	1	1	1	2	0	1	1	1	0	0	0	1	0	0
	1.0%	0.0%	0.0%	1.9%	1.4%	1.4%	1.3%	0.9%	0.0%	2.4%	1.8%	1.6%	0.0%	0.0%	0.0%	2.4%	0.0%	0.0%
6	1	0	0	1	0	0	0	1	0	0	0	1	0	0	0	1	0	0
	0.3%	0.0%	0.0%	1.9%	0.0%	0.0%	0.0%	0.4%	0.0%	0.0%	0.0%	1.6%	0.0%	0.0%	0.0%	2.4%	0.0%	0.0%
				++								+				++		
7	1	0	0	0	1	0	1	0	0	1	0	0	0	0	0	0	0	0
	0.3%	0.0%	0.0%	0.0%	1.4%	0.0%	1.3%	0.0%	0.0%	2.4%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
				+			+			++								
8	1	0	0	0	0	1	0	1	0	0	1	0	0	0	0	0	0	0
	0.3%	0.0%	0.0%	0.0%	0.0%	1.4%	0.0%	0.4%	0.0%	0.0%	1.8%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
						+					++							
Refused	2	0	0	0	0	0	0	2	0	0	0	0	0	2	0	0	1	0
	0.7%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.9%	0.0%	0.0%	0.0%	0.0%	0.0%	4.4%	0.0%	0.0%	1.1%	0.0%
														+++				
Refused	2	0	0	0	0	0	0	2	0	0	0	0	0	2	0	0	1	0
	0.7%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.9%	0.0%	0.0%	0.0%	0.0%	0.0%	4.4%	0.0%	0.0%	1.1%	0.0%
														+++				
Chi Square				45.76			6.92				55.15					20.17		
				.055			.545				.056					.687		

BREC End-Use and Energy Efficiency Survey (December 2007)

Table 30: Do you own or rent your home?

All JPE respondents

	Total	Gender		Financial burden of the electric bill			Number of people in the home					Length of time served by co-op				
		Male	Female	Not too much	Some	Quite a bit	1	2	3	4	5+	<5 yrs.	5-10	11-15	16-25	>25 yrs.
Unweighted Base	300	141	159	156	108	34	41	162	45	35	15	23	38	36	62	141
Base	300	141	159	156	108	34	41	162	45	35	15	23	38	36	62	141
Own	284	136	148	150	101	32	38	153	44	34	14	18	36	35	60	135
	94.7%	96.5%	93.1%	96.2%	93.5%	94.1%	92.7%	94.4%	97.8%	97.1%	93.3%	78.3%	94.7%	97.2%	96.8%	95.7%
Rent/housing provided (e.g. parsonage, living in home owned by somewhat else for free)	13	4	9	6	6	1	3	7	1	1	1	5	2	1	2	3
	4.3%	2.8%	5.7%	3.8%	5.6%	2.9%	7.3%	4.3%	2.2%	2.9%	6.7%	21.7%	5.3%	2.8%	3.2%	2.1%
Refused	3	1	2	0	1	1	0	2	0	0	0	0	0	0	0	3
	1.0%	0.7%	1.3%	0.0%	0.9%	2.9%	0.0%	1.2%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	2.1%
																+
Chi Square		1.69		4.42				3.42					22.22			
		.430		.353				.905					.005			

(continued)

BREC End-Use and Energy Efficiency Survey (December 2007)

Table 30: Do you own or rent your home?

All JPE respondents

	Age						Type of home				Education				
	Total	18-34	35-44	45-54	55-64	65+	Single-story	Multi-story	Mobile	Other	<HS grad	HS grad	Some college	College grad	Post college
Unweighted Base	300	18	33	71	81	92	184	77	26	13	21	125	80	37	35
Base	300	18	33	71	81	92	184	77	26	13	21	125	80	37	35
Own	284 94.7%	16 88.9%	33 100.0%	66 93.0%	80 98.8%	88 95.7%	175 95.1%	75 97.4%	23 88.5%	11 84.6%	21 100.0%	117 93.6%	76 95.0%	37 100.0%	33 94.3%
Rent/housing provided (e.g. parsonage, living in home owned by somewhat else for free)	13 4.3%	2 11.1%	0 0.0%	5 7.0%	1 1.2%	4 4.3%	7 3.8%	1 1.3%	3 11.5%	2 15.4%	0 0.0%	7 5.6%	4 5.0%	0 0.0%	2 5.7%
Refused	3 1.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	2 1.1%	1 1.3%	0 0.0%	0 0.0%	0 0.0%	1 0.8%	0 0.0%	0 0.0%	0 0.0%
Chi Square				6.98 .539				9.32 .157					4.75 .784		

(continued)

BREC End-Use and Energy Efficiency Survey (December 2007)

Table 30: Do you own or rent your home?

All JPE respondents

	Total	Income					Overall Satisfaction		Age of home						Primary heating source			
		< \$15K	\$15K-\$25K	\$25K-\$40K	\$40-\$75K	> \$75K	Less than satis.	Satis.	<5 yrs	5-10	11-20	21-30	31-50	50+ yrs	Elec. furn.	HP/ geoth.	NG furn.	Prop. furn.
Unweighted Base	300	19	27	54	74	69	76	224	18	41	56	64	76	45	36	42	91	63
Base	300	19	27	54	74	69	76	224	18	41	56	64	76	45	36	42	91	63
Own	284	19	24	51	69	69	74	210	18	41	53	59	71	42	33	40	86	60
	94.7%	100.0%	88.9%	94.4%	93.2%	100.0%	97.4%	93.8%	100.0%	100.0%	94.6%	92.2%	93.4%	93.3%	91.7%	95.2%	94.5%	95.2%
						++												
Rent/housing provided (e.g. parsonage, living in home owned by somewhat else for free)	13	0	3	3	5	0	2	11	0	0	3	4	4	2	3	1	4	3
	4.3%	0.0%	11.1%	5.6%	6.8%	0.0%	2.6%	4.9%	0.0%	0.0%	5.4%	6.3%	5.3%	4.4%	8.3%	2.4%	4.4%	4.8%
Refused	3	0	0	0	0	0	0	3	0	0	0	1	1	1	0	1	1	0
	1.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	1.3%	0.0%	0.0%	0.0%	1.6%	1.3%	2.2%	0.0%	2.4%	1.1%	0.0%
Chi Square				7.86			1.78				5.73					3.57		
				.447			.411				.838					.735		

BREC End-Use and Energy Efficiency Survey (December 2007)

Table 31: I'm going to read a list of broad income categories. Please stop me when I've read the category that includes your family's total annual income before taxes. Is it:

All JPE respondents

	Gender		Financial burden of the electric bill			Number of people in the home					Length of time served by co-op						
	Total	Male	Female	Not too much	Some	Quite a bit	1	2	3	4	5+	<5 yrs.	5-10	11-15	16-25	>25 yrs.	
Unweighted Base	300	141	159	156	108	34	41	162	45	35	15	23	38	36	62	141	
Base	300	141	159	156	108	34	41	162	45	35	15	23	38	36	62	141	
Less than \$10,000	4 1.3%	1 0.7%	3 1.9%	1 0.6%	2 1.9%	1 2.9%	1 2.4%	3 1.9%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	4 2.8%
\$10-15,000	15 5.0%	5 3.5%	10 6.3%	3 1.9%	7 6.5%	5 14.7%	5 12.2%	8 4.9%	1 2.2%	1 2.9%	0 0.0%	0 0.0%	2 5.3%	1 2.8%	4 6.5%	8 5.7%	
\$15-25,000	27 9.0%	13 9.2%	14 8.8%	12 7.7%	11 10.2%	4 11.8%	7 17.1%	14 8.6%	4 8.9%	2 5.7%	0 0.0%	2 8.7%	2 5.3%	3 8.3%	3 4.8%	17 12.1%	
\$25-40,000	54 18.0%	26 18.4%	28 17.6%	29 18.6%	22 20.4%	3 8.8%	11 26.8%	33 20.4%	2 4.4%	5 14.3%	3 20.0%	4 17.4%	3 7.9%	7 19.4%	10 16.1%	30 21.3%	
\$40-75,000	74 24.7%	39 27.7%	35 22.0%	42 26.9%	26 24.1%	6 17.6%	5 12.2%	36 22.2%	17 37.8%	12 34.3%	4 26.7%	7 30.4%	13 34.2%	9 25.0%	17 27.4%	28 19.9%	
More than \$75,000	69 23.0%	37 26.2%	32 20.1%	47 30.1%	19 17.6%	3 8.8%	4 9.8%	30 18.5%	14 31.1%	13 37.1%	8 53.3%	8 34.8%	15 39.5%	10 27.8%	21 33.9%	15 10.6%	
Refused	57 19.0%	20 14.2%	37 23.3%	22 14.1%	21 19.4%	12 35.3%	8 19.5%	38 23.5%	7 15.6%	2 5.7%	0 0.0%	2 8.7%	3 7.9%	6 16.7%	7 11.3%	39 27.7%	
Chi Square		7.37 .288			29.51 .003				50.22 .001					46.21 .004			

(continued)

BREC End-Use and Energy Efficiency Survey (December 2007)

Table 31: I'm going to read a list of broad income categories. Please stop me when I've read the category that includes your family's total annual income before taxes. Is it:

All JPE respondents

	Total	Age					Type of home				Education				
		18-34	35-44	45-54	55-64	65+	Single-story	Multi-story	Mobile	Other	<HS grad	HS grad	Some college	College grad	Post college
Unweighted Base	300	18	33	71	81	92	184	77	26	13	21	125	80	37	35
Base	300	18	33	71	81	92	184	77	26	13	21	125	80	37	35
Less than \$10,000	4 1.3%	0 0.0%	0 0.0%	1 1.4%	0 0.0%	2 2.2%	3 1.6%	0 0.0%	1 3.8%	0 0.0%	3 14.3%	1 0.8%	0 0.0%	0 0.0%	0 0.0%
\$10-15,000	15 5.0%	0 0.0%	0 0.0%	2 2.8%	2 2.5%	11 12.0%	8 4.3%	2 2.6%	3 11.5%	2 15.4%	4 19.0%	7 5.6%	4 5.0%	0 0.0%	0 0.0%
\$15-25,000	27 9.0%	2 11.1%	0 0.0%	2 2.8%	9 11.1%	14 15.2%	23 12.5%	0 0.0%	2 7.7%	2 15.4%	5 23.8%	11 8.8%	6 7.5%	3 8.1%	2 5.7%
\$25-40,000	54 18.0%	2 11.1%	4 12.1%	14 19.7%	15 18.5%	19 20.7%	36 19.6%	12 15.6%	5 19.2%	1 7.7%	1 4.8%	32 25.6%	14 17.5%	6 16.2%	1 2.9%
\$40-75,000	74 24.7%	5 27.8%	10 30.3%	24 33.8%	21 25.9%	14 15.2%	45 24.5%	15 19.5%	11 42.3%	3 23.1%	3 14.3%	27 21.6%	26 32.5%	10 27.0%	8 22.9%
More than \$75,000	69 23.0%	8 44.4%	18 54.5%	16 22.5%	19 23.5%	8 8.7%	32 17.4%	34 44.2%	0 0.0%	3 23.1%	1 4.8%	16 12.8%	17 21.3%	14 37.8%	21 60.0%
Refused	57 19.0%	1 5.6%	1 3.0%	12 16.9%	15 18.5%	24 26.1%	37 20.1%	14 18.2%	4 15.4%	2 15.4%	4 19.0%	31 24.8%	13 16.3%	4 10.8%	3 8.6%
Chi Square				68.26 .001				48.02 .001				99.08 .001			

(continued)

BREC End-Use and Energy Efficiency Survey (December 2007)

Table 31: I'm going to read a list of broad income categories. Please stop me when I've read the category that includes your family's total annual income before taxes. Is it:

All JPE respondents

	Income					Overall Satisfaction		Age of home						Primary heating source				
	Total	< \$15K	\$15K-\$25K	\$25K-\$40K	\$40-\$75K	> \$75K	Less than satis.	Satis.	<5 yrs	5-10	11-20	21-30	31-50	50+ yrs	Elec. furn.	HP/ geoth.	NG furn.	Prop. furn.
Unweighted Base	300	19	27	54	74	69	76	224	18	41	56	64	76	45	36	42	91	63
Base	300	19	27	54	74	69	76	224	18	41	56	64	76	45	36	42	91	63
Less than \$10,000	4 1.3%	4 21.1%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	4 1.8%	0 0.0%	0 0.0%	0 0.0%	2 3.1%	1 1.3%	1 2.2%	0 0.0%	0 0.0%	0 0.0%	2 3.2%
\$10-15,000	15 5.0%	15 78.9%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	4 5.3%	11 4.9%	2 11.1%	1 2.4%	3 5.4%	2 3.1%	2 2.6%	5 11.1%	2 5.6%	0 0.0%	7 7.7%	3 4.8%
\$15-25,000	27 9.0%	0 0.0%	27 100.0%	0 0.0%	0 0.0%	0 0.0%	3 3.9%	24 10.7%	1 5.6%	3 7.3%	7 12.5%	6 9.4%	7 9.2%	3 6.7%	4 11.1%	4 9.5%	8 8.8%	3 4.8%
\$25-40,000	54 18.0%	0 0.0%	0 0.0%	54 100.0%	0 0.0%	0 0.0%	10 13.2%	44 19.6%	4 22.2%	4 9.8%	9 16.1%	9 14.1%	17 22.4%	11 24.4%	8 22.2%	11 26.2%	14 15.4%	12 19.0%
\$40-75,000	74 24.7%	0 0.0%	0 0.0%	0 0.0%	74 100.0%	0 0.0%	24 31.6%	50 22.3%	1 5.6%	14 34.1%	11 19.6%	17 26.6%	24 31.6%	7 15.6%	10 27.8%	6 14.3%	16 17.6%	22 34.9%
More than \$75,000	69 23.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	69 100.0%	24 31.6%	45 20.1%	10 55.6%	15 36.6%	17 30.4%	14 21.9%	6 7.9%	7 15.6%	5 13.9%	10 23.8%	27 29.7%	12 19.0%
Refused	57 19.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	11 14.5%	46 20.5%	0 0.0%	4 9.8%	9 16.1%	14 21.9%	19 25.0%	11 24.4%	7 19.4%	11 26.2%	19 20.9%	9 14.3%
Chi Square				972.00 .001				11.91 .064				52.86 .006					24.05 .153	

BREC End-Use and Energy Efficiency Survey (December 2007)

Table 32: Account number

All JPE respondents

	Gender		Financial burden of the electric bill			Number of people in the home					Length of time served by co-op					
	Total	Male	Female	Not too much	Some	Quite a bit	1	2	3	4	5+	<5 yrs.	5-10	11-15	16-25	>25 yrs.
	Base	878144 77658	416160 00353	461984 77305	441981 57760	330378 38087	101874 08762	130421 77906	464904 12005	131846 08344	967312 3982	484006 8355	675590 9606	107368 00780	118450 41290	179291 45578
Account number	878144 77658.0 100.0%	416160 00353.0 100.0%	461984 77305.0 100.0%	441981 57760.0 100.0%	330378 38087.0 100.0%	101874 08762.0 100.0%	130421 77906.0 100.0%	464904 12005.0 100.0%	131846 08344.0 100.0%	967312 3982.0 100.0%	484006 8355.0 100.0%	675590 9606.0 100.0%	107368 00780.0 100.0%	118450 41290.0 100.0%	179291 45578.0 100.0%	405475 80404.0 100.0%
	292714 925.5	295148 938.7	290556 461.0	283321 524.1	305905 908.2	299629 669.5	318101 900.1	286977 851.9	292991 296.5	276374 970.9	322671 223.7	293735 200.3	282547 388.9	329028 924.7	289179 767.4	287571 492.2
	Age					Type of home				Education						
	Total	18-34	35-44	45-54	55-64	65+	Single-story	Multi-story	Mobile	Other	<HS grad	HS grad	Some college	College grad	Post college	
	Base	878144 77658	518264 0190	961499 2663	209809 67395	240033 60339	266162 34824	537380 42052	236249 66147	672065 8408	373081 1051	630993 5715	356409 86699	236088 22946	113967 75747	104748 49350
Account number	878144 77658.0 100.0%	518264 0190.0 100.0%	961499 2663.0 100.0%	209809 67395.0 100.0%	240033 60339.0 100.0%	266162 34824.0 100.0%	537380 42052.0 100.0%	236249 66147.0 100.0%	672065 8408.0 100.0%	373081 1051.0 100.0%	630993 5715.0 100.0%	356409 86699.0 100.0%	236088 22946.0 100.0%	113967 75747.0 100.0%	104748 49350.0 100.0%	
	292714 925.5	287924 455.0	291363 414.0	295506 583.0	296337 782.0	289306 900.3	292054 576.4	306817 742.2	258486 861.8	286985 465.5	300473 129.3	285127 893.6	295110 286.8	308020 966.1	299281 410.0	

(continued)

BREC End-Use and Energy Efficiency Survey (December 2007)

Table 32: Account number

All JPE respondents

	Income					Overall Satisfaction		Age of home					Primary heating source					
	Total	< \$15K	\$15K-\$25K	\$25K-\$40K	\$40-\$75K	> \$75K	Less than satis.	Satis.	<5 yrs	5-10	11-20	21-30	31-50	50+ yrs	Elec. furn.	HP/ geoth.	NG furn.	Prop. furn.
Base	87814	54059	77525	15256	20687	21154	22231	65582	59681	11302	16557	20276	22395	11314	10281	11910	31075	16329
	47765	21440	34240	37116	54790	80988	71045	76720	04446	90127	24027	41472	64585	17107	17808	00787	57528	98308
	8			9	2	3	0	8		6	7	9	5	5	1	8	6	4
Account number	87814	54059	77525	15256	20687	21154	22231	65582	59681	11302	16557	20276	22395	11314	10281	11910	31075	16329
	47765	21440	34240	37116	54790	80988	71045	76720	04446	90127	24027	41472	64585	17107	17808	00787	57528	98308
	8.0	0	0	9.0	2.0	3.0	0.0	8.0	0	6.0	7.0	9.0	5.0	5.0	1.0	8.0	6.0	4.0
	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%
	29271	28452	28713	28252	27956	30659	29252	29278	33156	27568	29566	31681	29467	25142	28558	28357	34148	25920
	4925.5	2181.1	0897.8	5392.0	1458.1	1447.6	2505.9	0210.8	1358.1	0518.9	5004.9	8980.1	9550.7	6023.9	8280.0	1616.1	9838.3	6080.7

BREC End-Use and Energy Efficiency Survey (December 2007)

Table 33: Account number (continued)

All JPE respondents

	Total	Gender		Financial burden of the electric bill			Number of people in the home					Length of time served by co-op						
		Male	Female	Not too much	Some	Quite a bit	1	2	3	4	5+	<5 yrs.	5-10	11-15	16-25	>25 yrs.		
Base	613	307	306	343	229	41	52	345	65	103	48	101	159	92	127	134		
Account number (continued)	613.0	307.0	306.0	343.0	229.0	41.0	52.0	345.0	65.0	103.0	48.0	101.0	159.0	92.0	127.0	134.0		
	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%		
	2.0	2.2	1.9	2.2	2.1	1.2	1.3	2.1	1.4	2.9	3.2	4.4	4.2	2.6	2.0	1.0		
	Total	Age					Type of home				Education							
		18-34	35-44	45-54	55-64	65+	Single-story	Multi-story	Mobile	Other	<HS grad	HS grad	Some college	College grad	Post college			
Base	613	68	78	149	109	204	322	121	117	53	32	187	240	68	82			
Account number (continued)	613.0	68.0	78.0	149.0	109.0	204.0	322.0	121.0	117.0	53.0	32.0	187.0	240.0	68.0	82.0			
	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%			
	2.0	3.8	2.4	2.1	1.3	2.2	1.8	1.6	4.5	4.1	1.5	1.5	3.0	1.8	2.3			
	Total	Income					Overall Satisfaction	Age of home					Primary heating source					
		< \$15K	\$15K- \$25K	\$25K- \$40K	\$40- \$75K	> \$75K	Less than satis.	Satis.	<5 yrs	5-10	11-20	21-30	31-50	50+ yrs	Elec. furn.	HP/ geoth.	NG furn.	Prop. furn.
Base	613	38	71	94	249	105	240	373	15	116	109	147	156	70	85	60	178	183
Account number (continued)	613.0	38.0	71.0	94.0	249.0	105.0	240.0	373.0	15.0	116.0	109.0	147.0	156.0	70.0	85.0	60.0	178.0	183.0
	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%
	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%
	2.0	2.0	2.6	1.7	3.4	1.5	3.2	1.7	.8	2.8	1.9	2.3	2.1	1.6	2.4	1.4	2.0	2.9

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BREC End-Use and Energy Efficiency Survey (December 2007)

Table 1: Gender

All KN respondents

	Total	Income					Overall Satisfaction		Age of home						Primary heating source			
		< \$15K	\$15K-\$25K	\$25K-\$40K	\$40-\$75K	> \$75K	Less than satis.	Satis.	<5 yrs	5-10	11-20	21-30	31-50	50+ yrs	Elec. furn.	HP/ geoth.	NG furn.	Prop. furn.
Unweighted Base	300	25	21	53	75	62	77	223	19	46	66	62	62	45	69	48	94	49
Base	300	25	21	53	75	62	77	223	19	46	66	62	62	45	69	48	94	49
Male	161	10	7	34	40	35	47	114	13	25	37	28	32	26	35	26	44	32
	53.7%	40.0%	33.3%	64.2%	53.3%	56.5%	61.0%	51.1%	68.4%	54.3%	56.1%	45.2%	51.6%	57.8%	50.7%	54.2%	46.8%	65.3%
Female	139	15	14	19	35	27	30	109	6	21	29	34	30	19	34	22	50	17
	46.3%	60.0%	66.7%	35.8%	46.7%	43.5%	39.0%	48.9%	31.6%	45.7%	43.9%	54.8%	48.4%	42.2%	49.3%	45.8%	53.2%	34.7%
Chi Square				7.90			2.26				4.04					4.58		
				.095			.132				.544					.205		

BREC End-Use and Energy Efficiency Survey (December 2007)

Table 2: First, for verification, who provides your residential electric service?

All KN respondents

	Gender		Financial burden of the electric bill			Number of people in the home					Length of time served by co-op					
	Total	Male	Female	Not too much	Some	Quite a bit	1	2	3	4	5+	<5 yrs.	5-10	11-15	16-25	>25 yrs.
Unweighted Base	300	161	139	148	120	32	41	148	49	42	18	32	71	37	52	108
Base	300	161	139	148	120	32	41	148	49	42	18	32	71	37	52	108
Kenergy	300	161	139	148	120	32	41	148	49	42	18	32	71	37	52	108
	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%
Chi Square		0.00 .999		0.00 .999				0.00 .999						0.00 .999		
	Age					Type of home				Education						
	Total	18-34	35-44	45-54	55-64	65+	Single-story	Multi-story	Mobile	Other	<HS grad	HS grad	Some college	College grad	Post college	
Unweighted Base	300	19	34	79	82	79	166	71	40	23	38	129	78	33	16	
Base	300	19	34	79	82	79	166	71	40	23	38	129	78	33	16	
Kenergy	300	19	34	79	82	79	166	71	40	23	38	129	78	33	16	
	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	
Chi Square				0.00 .999				0.00 .999					0.00 .999			

(continued)

BREC End-Use and Energy Efficiency Survey (December 2007)

Table 2: First, for verification, who provides your residential electric service?

All KN respondents

	Income					Overall Satisfaction		Age of home						Primary heating source				
	Total	< \$15K	\$15K-\$25K	\$25K-\$40K	\$40-\$75K	> \$75K	Less than satis.	Satis.	<5 yrs	5-10	11-20	21-30	31-50	50+ yrs	Elec. furn.	HP/ geoth.	NG furn.	Prop. furn.
Unweighted Base	300	25	21	53	75	62	77	223	19	46	66	62	62	45	69	48	94	49
Base	300	25	21	53	75	62	77	223	19	46	66	62	62	45	69	48	94	49
Kenergy	300	25	21	53	75	62	77	223	19	46	66	62	62	45	69	48	94	49
	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%
Chi Square				0.00			0.00				0.00					0.00		
				.999			.999				.999					.999		

BREC End-Use and Energy Efficiency Survey (December 2007)

Table 3: How long have you been served by that utility?

All KN respondents

	Gender		Financial burden of the electric bill			Number of people in the home					Length of time served by co-op					
	Total	Male	Female	Not too much	Some	Quite a bit	1	2	3	4	5+	<5 yrs.	5-10	11-15	16-25	>25 yrs.
Unweighted Base	300	161	139	148	120	32	41	148	49	42	18	32	71	37	52	108
Base	300	161	139	148	120	32	41	148	49	42	18	32	71	37	52	108
Less than 5 years	32 10.7%	20 12.4%	12 8.6%	19 12.8%	11 9.2%	2 6.3%	3 7.3%	15 10.1%	7 14.3%	3 7.1%	4 22.2%	32 100.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%
5-10 years	71 23.7%	39 24.2%	32 23.0%	31 20.9%	32 26.7%	8 25.0%	8 19.5%	28 18.9%	12 24.5%	16 38.1%	6 33.3%	0 0.0%	71 100.0%	0 0.0%	0 0.0%	0 0.0%
11-15 years	37 12.3%	19 11.8%	18 12.9%	23 15.5%	8 6.7%	6 18.8%	3 7.3%	15 10.1%	5 10.2%	12 28.6%	2 11.1%	0 0.0%	0 0.0%	37 100.0%	0 0.0%	0 0.0%
16-25 years	52 17.3%	28 17.4%	24 17.3%	28 18.9%	19 15.8%	5 15.6%	9 22.0%	26 17.6%	9 18.4%	6 14.3%	2 11.1%	0 0.0%	0 0.0%	0 0.0%	52 100.0%	0 0.0%
More than 25 years	108 36.0%	55 34.2%	53 38.1%	47 31.8%	50 41.7%	11 34.4%	18 43.9%	64 43.2%	16 32.7%	5 11.9%	4 22.2%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	108 100.0%
Chi Square		1.46 .834		10.12 .257				32.41 .009						1000+ .001		

(continued)

BREC End-Use and Energy Efficiency Survey (December 2007)

Table 3: How long have you been served by that utility?

All KN respondents

	Age						Type of home				Education				
	Total	18-34	35-44	45-54	55-64	65+	Single-story	Multi-story	Mobile	Other	<HS grad	HS grad	Some college	College grad	Post college
Unweighted Base	300	19	34	79	82	79	166	71	40	23	38	129	78	33	16
Base	300	19	34	79	82	79	166	71	40	23	38	129	78	33	16
Less than 5 years	32 10.7%	7 36.8%	3 8.8%	12 15.2%	7 8.5%	3 3.8%	13 7.8%	4 5.6%	11 27.5%	4 17.4%	4 10.5%	12 9.3%	8 10.3%	8 24.2%	0 0.0%
5-10 years	71 23.7%	10 52.6%	18 52.9%	16 20.3%	13 15.9%	12 15.2%	39 23.5%	13 18.3%	13 32.5%	6 26.1%	8 21.1%	31 24.0%	18 23.1%	6 18.2%	6 37.5%
11-15 years	37 12.3%	0 0.0%	7 20.6%	13 16.5%	16 19.5%	1 1.3%	19 11.4%	14 19.7%	2 5.0%	2 8.7%	5 13.2%	8 6.2%	11 14.1%	8 24.2%	5 31.3%
16-25 years	52 17.3%	2 10.5%	6 17.6%	20 25.3%	12 14.6%	11 13.9%	27 16.3%	14 19.7%	5 12.5%	6 26.1%	6 15.8%	20 15.5%	19 24.4%	5 15.2%	1 6.3%
More than 25 years	108 36.0%	0 0.0%	0 0.0%	18 22.8%	34 41.5%	52 65.8%	68 41.0%	26 36.6%	9 22.5%	5 21.7%	15 39.5%	58 45.0%	22 28.2%	6 18.2%	4 25.0%
Chi Square				105.46 .001				28.38 .005				33.22 .007			

(continued)

BREC End-Use and Energy Efficiency Survey (December 2007)

Table 3: How long have you been served by that utility?

All KN respondents

	Income					Overall Satisfaction		Age of home						Primary heating source				
	Total	< \$15K	\$15K-\$25K	\$25K-\$40K	\$40-\$75K	> \$75K	Less than satis.	Satis.	<5 yrs	5-10	11-20	21-30	31-50	50+ yrs	Elec. furn.	HP/ geoth.	NG furn.	Prop. furn.
Unweighted Base	300	25	21	53	75	62	77	223	19	46	66	62	62	45	69	48	94	49
Base	300	25	21	53	75	62	77	223	19	46	66	62	62	45	69	48	94	49
Less than 5 years	32 10.7%	1 4.0%	2 9.5%	7 13.2%	14 18.7%	4 6.5%	8 10.4%	24 10.8%	8 42.1%	5 10.9%	8 12.1%	5 8.1%	4 6.5%	2 4.4%	14 20.3%	5 10.4%	6 6.4%	2 4.1%
5-10 years	71 23.7%	5 20.0%	5 23.8%	15 28.3%	23 30.7%	13 21.0%	29 37.7%	42 18.8%	1 5.3%	21 45.7%	20 30.3%	10 16.1%	6 9.7%	13 28.9%	22 31.9%	14 29.2%	18 19.1%	8 16.3%
11-15 years	37 12.3%	2 8.0%	1 4.8%	2 3.8%	7 9.3%	17 27.4%	8 10.4%	29 13.0%	4 21.1%	3 6.5%	13 19.7%	8 12.9%	7 11.3%	2 4.4%	6 8.7%	6 12.5%	18 19.1%	3 6.1%
16-25 years	52 17.3%	5 20.0%	3 14.3%	8 15.1%	9 12.0%	14 22.6%	15 19.5%	37 16.6%	3 15.8%	6 13.0%	11 16.7%	19 30.6%	10 16.1%	3 6.7%	6 8.7%	12 25.0%	18 19.1%	8 16.3%
More than 25 years	108 36.0%	12 48.0%	10 47.6%	21 39.6%	22 29.3%	14 22.6%	17 22.1%	91 40.8%	3 15.8%	11 23.9%	14 21.2%	20 32.3%	35 56.5%	25 55.6%	21 30.4%	11 22.9%	34 36.2%	28 57.1%
Chi Square				32.85 .008			14.75 .005				79.08 .001					33.75 .001		

BREC End-Use and Energy Efficiency Survey (December 2007)

Table 4: On a scale of 1-10, with 10 being "very satisfied" and 1 being "not satisfied at all," how satisfied are you with the service provided by your electric utility?

All KN respondents

	Gender		Financial burden of the electric bill			Number of people in the home					Length of time served by co-op					
	Total	Male	Female	Not too much	Some	Quite a bit	1	2	3	4	5+	<5 yrs.	5-10	11-15	16-25	>25 yrs.
Unweighted Base	300	161	139	148	120	32	41	148	49	42	18	32	71	37	52	108
Base	300	161	139	148	120	32	41	148	49	42	18	32	71	37	52	108
<u>Less than satisfied</u>	77	47	30	35	31	11	8	38	11	14	5	8	29	8	15	17
	25.7%	29.2%	21.6%	23.6%	25.8%	34.4%	19.5%	25.7%	22.4%	33.3%	27.8%	25.0%	40.8%	21.6%	28.8%	15.7%
3	1	0	1	1	0	0	0	0	0	1	0	0	1	0	0	0
	0.3%	0.0%	0.7%	0.7%	0.0%	0.0%	0.0%	0.0%	0.0%	2.4%	0.0%	0.0%	1.4%	0.0%	0.0%	0.0%
4	1	0	1	0	0	1	0	0	0	1	0	0	0	0	0	1
	0.3%	0.0%	0.7%	0.0%	0.0%	3.1%	0.0%	0.0%	0.0%	2.4%	0.0%	0.0%	0.0%	0.0%	0.0%	0.9%
5	4	3	1	2	1	1	0	2	1	1	0	0	1	1	2	0
	1.3%	1.9%	0.7%	1.4%	0.8%	3.1%	0.0%	1.4%	2.0%	2.4%	0.0%	0.0%	1.4%	2.7%	3.8%	0.0%
6	6	2	4	2	2	2	1	4	0	1	0	0	4	0	0	2
	2.0%	1.2%	2.9%	1.4%	1.7%	6.3%	2.4%	2.7%	0.0%	2.4%	0.0%	0.0%	5.6%	0.0%	0.0%	1.9%
7	14	11	3	6	5	3	3	4	2	3	2	2	6	2	4	0
	4.7%	6.8%	2.2%	4.1%	4.2%	9.4%	7.3%	2.7%	4.1%	7.1%	11.1%	6.3%	8.5%	5.4%	7.7%	0.0%
8	51	31	20	24	23	4	4	28	8	7	3	6	17	5	9	14
	17.0%	19.3%	14.4%	16.2%	19.2%	12.5%	9.8%	18.9%	16.3%	16.7%	16.7%	18.8%	23.9%	13.5%	17.3%	13.0%
<u>Satisfied</u>	223	114	109	113	89	21	33	110	38	28	13	24	42	29	37	91
	74.3%	70.8%	78.4%	76.4%	74.2%	65.6%	80.5%	74.3%	77.6%	66.7%	72.2%	75.0%	59.2%	78.4%	71.2%	84.3%
9	67	38	29	30	30	7	9	36	13	7	2	8	9	9	9	32
	22.3%	23.6%	20.9%	20.3%	25.0%	21.9%	22.0%	24.3%	26.5%	16.7%	11.1%	25.0%	12.7%	24.3%	17.3%	29.6%

(continued)

BREC End-Use and Energy Efficiency Survey (December 2007)

Table 4: On a scale of 1-10, with 10 being "very satisfied" and 1 being "not satisfied at all," how satisfied are you with the service provided by your electric utility?

(continued)

All KN respondents

	Gender		Financial burden of the electric bill			Number of people in the home					Length of time served by co-op					
	Total	Male	Female	Not too much	Some	Quite a bit	1	2	3	4	5+	<5 yrs.	5-10	11-15	16-25	>25 yrs.
Unweighted Base	300	161	139	148	120	32	41	148	49	42	18	32	71	37	52	108
Base	300	161	139	148	120	32	41	148	49	42	18	32	71	37	52	108
10—very satisfied	156	76	80	83	59	14	24	74	25	21	11	16	33	20	28	59
	52.0%	47.2%	57.6%	56.1%	49.2%	43.8%	58.5%	50.0%	51.0%	50.0%	61.1%	50.0%	46.5%	54.1%	53.8%	54.6%
		-	+													
Chi Square		10.36			17.88				23.91					35.75		
		.169			.212				.686					.149		

(continued)

BREC End-Use and Energy Efficiency Survey (December 2007)

Table 4: On a scale of 1-10, with 10 being "very satisfied" and 1 being "not satisfied at all," how satisfied are you with the service provided by your electric utility?

All KN respondents

	Age						Type of home				Education				
	Total	18-34	35-44	45-54	55-64	65+	Single-story	Multi-story	Mobile	Other	<HS grad	HS grad	Some college	College grad	Post college
Unweighted Base	300	19	34	79	82	79	166	71	40	23	38	129	78	33	16
Base	300	19	34	79	82	79	166	71	40	23	38	129	78	33	16
<u>Less than satisfied</u>	77	9	13	18	23	12	33	23	12	9	8	33	17	11	7
	25.7%	47.4%	38.2%	22.8%	28.0%	15.2%	19.9%	32.4%	30.0%	39.1%	21.1%	25.6%	21.8%	33.3%	43.8%
			+			--	--								
3	1	1	0	0	0	0	0	0	0	1	0	0	0	1	0
	0.3%	5.3%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	4.3%	0.0%	0.0%	0.0%	3.0%	0.0%
														+++	
4	1	0	0	0	1	0	1	0	0	0	0	1	0	0	0
	0.3%	0.0%	0.0%	0.0%	1.2%	0.0%	0.6%	0.0%	0.0%	0.0%	0.0%	0.8%	0.0%	0.0%	0.0%
5	4	0	2	1	1	0	1	2	1	0	2	0	0	2	0
	1.3%	0.0%	5.9%	1.3%	1.2%	0.0%	0.6%	2.8%	2.5%	0.0%	5.3%	0.0%	0.0%	6.1%	0.0%
			++								++			++	
6	6	0	2	1	0	2	0	0	5	1	0	5	0	1	0
	2.0%	0.0%	5.9%	1.3%	0.0%	2.5%	0.0%	0.0%	12.5%	4.3%	0.0%	3.9%	0.0%	3.0%	0.0%
			+						+++			++			
7	14	2	1	4	4	3	4	6	2	2	2	8	1	2	1
	4.7%	10.5%	2.9%	5.1%	4.9%	3.8%	2.4%	8.5%	5.0%	8.7%	5.3%	6.2%	1.3%	6.1%	6.3%
							--	+					-		
8	51	6	8	12	17	7	27	15	4	5	4	19	16	5	6
	17.0%	31.6%	23.5%	15.2%	20.7%	8.9%	16.3%	21.1%	10.0%	21.7%	10.5%	14.7%	20.5%	15.2%	37.5%
						--									
<u>Satisfied</u>	223	10	21	61	59	67	133	48	28	14	30	96	61	22	9
	74.3%	52.6%	61.8%	77.2%	72.0%	84.8%	80.1%	67.6%	70.0%	60.9%	78.9%	74.4%	78.2%	66.7%	56.3%
			-			++	++								
9	67	1	5	14	24	21	45	11	7	4	9	24	23	8	2
	22.3%	5.3%	14.7%	17.7%	29.3%	26.6%	27.1%	15.5%	17.5%	17.4%	23.7%	18.6%	29.5%	24.2%	12.5%
					+		++						+		

(continued)

BREC End-Use and Energy Efficiency Survey (December 2007)

Table 4: On a scale of 1-10, with 10 being "very satisfied" and 1 being "not satisfied at all," how satisfied are you with the service provided by your electric utility?

(continued)
All KN respondents

	Age						Type of home				Education				
	Total	18-34	35-44	45-54	55-64	65+	Single-story	Multi-story	Mobile	Other	<HS grad	HS grad	Some college	College grad	Post college
Unweighted Base	300	19	34	79	82	79	166	71	40	23	38	129	78	33	16
Base	300	19	34	79	82	79	166	71	40	23	38	129	78	33	16
10—very satisfied	156	9	16	47	35	46	88	37	21	10	21	72	38	14	7
	52.0%	47.4%	47.1%	59.5%	42.7%	58.2%	53.0%	52.1%	52.5%	43.5%	55.3%	55.8%	48.7%	42.4%	43.8%
					--										
Chi Square				47.46				54.06					40.23		
				.012				.001					.063		

(continued)

BREC End-Use and Energy Efficiency Survey (December 2007)

Table 4: On a scale of 1-10, with 10 being "very satisfied" and 1 being "not satisfied at all," how satisfied are you with the service provided by your electric utility?

All KN respondents

	Income						Overall Satisfaction		Age of home						Primary heating source			
	Total	< \$15K	\$15K-\$25K	\$25K-\$40K	\$40-\$75K	> \$75K	Less than satis.	Satis.	<5 yrs	5-10	11-20	21-30	31-50	50+ yrs	Elec. furn.	HP/ geoth.	NG furn.	Prop. furn.
Unweighted Base	300	25	21	53	75	62	77	223	19	46	66	62	62	45	69	48	94	49
Base	300	25	21	53	75	62	77	223	19	46	66	62	62	45	69	48	94	49
<u>Less than satisfied</u>	77	6	5	14	17	20	77	0	5	12	25	13	14	8	21	11	17	18
	25.7%	24.0%	23.8%	26.4%	22.7%	32.3%	100.0%	0.0%	26.3%	26.1%	37.9%	21.0%	22.6%	17.8%	30.4%	22.9%	18.1%	36.7%
							++										--	+
3	1	0	0	0	1	0	1	0	0	0	1	0	0	0	1	0	0	0
	0.3%	0.0%	0.0%	0.0%	1.3%	0.0%	1.3%	0.0%	0.0%	0.0%	1.5%	0.0%	0.0%	0.0%	1.4%	0.0%	0.0%	0.0%
					+		+				+				+			
4	1	1	0	0	0	0	1	0	0	0	0	1	0	0	1	0	0	0
	0.3%	4.0%	0.0%	0.0%	0.0%	0.0%	1.3%	0.0%	0.0%	0.0%	0.0%	1.6%	0.0%	0.0%	1.4%	0.0%	0.0%	0.0%
							+					++			+			
5	4	0	0	1	0	1	4	0	2	0	1	0	1	0	2	0	2	0
	1.3%	0.0%	0.0%	1.9%	0.0%	1.6%	5.2%	0.0%	10.5%	0.0%	1.5%	0.0%	1.6%	0.0%	2.9%	0.0%	2.1%	0.0%
							+++											
6	6	0	1	1	0	1	6	0	1	1	3	1	0	0	4	0	1	1
	2.0%	0.0%	4.8%	1.9%	0.0%	1.6%	7.8%	0.0%	5.3%	2.2%	4.5%	1.6%	0.0%	0.0%	5.8%	0.0%	1.1%	2.0%
							+++				+				++			
7	14	2	2	3	3	3	14	0	1	3	5	3	1	1	4	2	2	6
	4.7%	8.0%	9.5%	5.7%	4.0%	4.8%	18.2%	0.0%	5.3%	6.5%	7.6%	4.8%	1.6%	2.2%	5.8%	4.2%	2.1%	12.2%
							+++											+++
8	51	3	2	9	13	15	51	0	1	8	15	8	12	7	9	9	12	11
	17.0%	12.0%	9.5%	17.0%	17.3%	24.2%	66.2%	0.0%	5.3%	17.4%	22.7%	12.9%	19.4%	15.6%	13.0%	18.8%	12.8%	22.4%
							+											
<u>Satisfied</u>	223	19	16	39	58	42	0	223	14	34	41	49	48	37	48	37	77	31
	74.3%	76.0%	76.2%	73.6%	77.3%	67.7%	0.0%	100.0%	73.7%	73.9%	62.1%	79.0%	77.4%	82.2%	69.6%	77.1%	81.9%	63.3%
							+++				--						++	-
							+++											

(continued)

BREC End-Use and Energy Efficiency Survey (December 2007)

Table 4: On a scale of 1-10, with 10 being "very satisfied" and 1 being "not satisfied at all," how satisfied are you with the service provided by your electric utility?

(continued)

All KN respondents

	Income					Overall Satisfaction		Age of home					Primary heating source					
	Total	< \$15K	\$15K-\$25K	\$25K-\$40K	\$40-\$75K	> \$75K	Less than satis.	Satis.	<5 yrs	5-10	11-20	21-30	31-50	50+ yrs	Elec. furn.	HP/ geoth.	NG furn.	Prop. furn.
Unweighted Base	300	25	21	53	75	62	77	223	19	46	66	62	62	45	69	48	94	49
Base	300	25	21	53	75	62	77	223	19	46	66	62	62	45	69	48	94	49
9	67	6	4	9	16	17	0	67	7	8	10	18	14	10	14	14	22	12
	22.3%	24.0%	19.0%	17.0%	21.3%	27.4%	0.0%	30.0%	36.8%	17.4%	15.2%	29.0%	22.6%	22.2%	20.3%	29.2%	23.4%	24.5%
								+++										
10—very satisfied	156	13	12	30	42	25	0	156	7	26	31	31	34	27	34	23	55	19
	52.0%	52.0%	57.1%	56.6%	56.0%	40.3%	0.0%	70.0%	36.8%	56.5%	47.0%	50.0%	54.8%	60.0%	49.3%	47.9%	58.5%	38.8%
						--		+++										--
Chi Square				23.97				300.00				41.02					25.84	
				.683				.001				.223					.213	

BREC End-Use and Energy Efficiency Survey (December 2007)

Table 5: What type of residence do you live in? Excluding a basement, is it:

All KN respondents

	Gender		Financial burden of the electric bill			Number of people in the home					Length of time served by co-op					
	Total	Male	Female	Not too much	Some	Quite a bit	1	2	3	4	5+	<5 yrs.	5-10	11-15	16-25	>25 yrs.
Unweighted Base	300	161	139	148	120	32	41	148	49	42	18	32	71	37	52	108
Base	300	161	139	148	120	32	41	148	49	42	18	32	71	37	52	108
A single-story home	166 55.3%	83 51.6%	83 59.7%	83 56.1%	66 55.0%	17 53.1%	28 68.3%	79 53.4%	30 61.2%	22 52.4%	6 33.3%	13 40.6%	39 54.9%	19 51.4%	27 51.9%	68 63.0%
A multi-story home	71 23.7%	46 28.6%	25 18.0%	37 25.0%	28 23.3%	6 18.8%	4 9.8%	34 23.0%	13 26.5%	10 23.8%	9 50.0%	4 12.5%	13 18.3%	14 37.8%	14 26.9%	26 24.1%
A mobile home	40 13.3%	19 11.8%	21 15.1%	20 13.5%	12 10.0%	8 25.0%	6 14.6%	21 14.2%	3 6.1%	7 16.7%	3 16.7%	11 34.4%	13 18.3%	2 5.4%	5 9.6%	9 8.3%
A modular home	17 5.7%	10 6.2%	7 5.0%	5 3.4%	11 9.2%	1 3.1%	2 4.9%	9 6.1%	3 6.1%	3 7.1%	0 0.0%	2 6.3%	4 5.6%	2 5.4%	5 9.6%	4 3.7%
A condominium, duplex or apartment	6 2.0%	3 1.9%	3 2.2%	- 2.0%	3 2.5%	0 0.0%	1 2.4%	5 3.4%	0 0.0%	0 0.0%	0 0.0%	2 6.3%	2 2.8%	0 0.0%	1 1.9%	1 0.9%
Chi Square		5.26 .262			9.88 .274			19.59 .239					31.47 .012			

(continued)

BREC End-Use and Energy Efficiency Survey (December 2007)

Table 5: What type of residence do you live in? Excluding a basement, is it:

All KN respondents

	Total	Age					Type of home				Education				
		18-34	35-44	45-54	55-64	65+	Single-story	Multi-story	Mobile	Other	<HS grad	HS grad	Some college	College grad	Post college
Unweighted Base	300	19	34	79	82	79	166	71	40	23	38	129	78	33	16
Base	300	19	34	79	82	79	166	71	40	23	38	129	78	33	16
A single-story home	166 55.3%	12 63.2%	15 44.1%	39 49.4%	52 63.4%	46 58.2%	166 100.0%	0 0.0%	0 0.0%	0 0.0%	17 44.7%	73 56.6%	46 59.0%	19 57.6%	9 56.3%
A multi-story home	71 23.7%	3 15.8%	9 26.5%	22 27.8%	18 22.0%	17 21.5%	0 0.0%	71 100.0%	0 0.0%	0 0.0%	11 28.9%	21 16.3%	22 28.2%	9 27.3%	6 37.5%
A mobile home	40 13.3%	2 10.5%	6 17.6%	13 16.5%	7 8.5%	10 12.7%	0 0.0%	0 0.0%	40 100.0%	0 0.0%	7 18.4%	21 16.3%	9 11.5%	2 6.1%	0 0.0%
A modular home	17 5.7%	2 10.5%	3 8.8%	5 6.3%	2 2.4%	4 5.1%	0 0.0%	0 0.0%	0 0.0%	17 73.9%	3 7.9%	12 9.3%	0 0.0%	1 3.0%	0 0.0%
A condominium, duplex or apartment	6 2.0%	0 0.0%	1 2.9%	0 0.0%	3 3.7%	2 2.5%	0 0.0%	0 0.0%	0 0.0%	6 26.1%	0 0.0%	2 1.6%	1 1.3%	2 6.1%	1 6.3%
Chi Square				13.00 .673				900.00 .001				26.43 .048			

(continued)

BREC End-Use and Energy Efficiency Survey (December 2007)

Table 5: What type of residence do you live in? Excluding a basement, is it:

All KN respondents

	Income					Overall Satisfaction		Age of home						Primary heating source				
	Total	< \$15K	\$15K-\$25K	\$25K-\$40K	\$40-\$75K	> \$75K	Less than satis.	Satis.	<5 yrs	5-10	11-20	21-30	31-50	50+ yrs	Elec. furn.	HP/ geoth.	NG furn.	Prop. furn.
Unweighted Base	300	25	21	53	75	62	77	223	19	46	66	62	62	45	69	48	94	49
Base	300	25	21	53	75	62	77	223	19	46	66	62	62	45	69	48	94	49
A single-story home	166 55.3%	11 44.0%	11 52.4%	26 49.1%	44 58.7%	41 66.1%	33 42.9%	133 59.6%	8 42.1%	22 47.8%	29 43.9%	38 61.3%	43 69.4%	26 57.8%	25 36.2%	31 64.6%	61 64.9%	24 49.0%
A multi-story home	71 23.7%	4 16.0%	4 19.0%	11 20.8%	19 25.3%	18 29.0%	23 29.9%	48 21.5%	5 26.3%	10 21.7%	10 15.2%	12 19.4%	15 24.2%	19 42.2%	11 15.9%	8 16.7%	28 29.8%	15 30.6%
A mobile home	40 13.3%	7 28.0%	4 19.0%	11 20.8%	6 8.0%	3 4.8%	12 15.6%	28 12.6%	5 26.3%	7 15.2%	16 24.2%	8 12.9%	4 6.5%	0 0.0%	22 31.9%	5 10.4%	3 3.2%	5 10.2%
A modular home	17 5.7%	2 8.0%	2 9.5%	3 5.7%	6 8.0%	0 0.0%	7 9.1%	10 4.5%	1 5.3%	5 10.9%	9 13.6%	2 3.2%	0 0.0%	0 0.0%	9 13.0%	2 4.2%	0 0.0%	5 10.2%
A condominium, duplex or apartment	6 2.0%	1 4.0%	0 0.0%	2 3.8%	0 0.0%	0 0.0%	2 2.6%	4 1.8%	0 0.0%	2 4.3%	2 3.0%	2 3.2%	0 0.0%	0 0.0%	2 2.9%	2 4.2%	2 2.1%	0 0.0%
Chi Square				27.30 .038			7.32 .120				52.00 .001					52.63 .001		

BREC End-Use and Energy Efficiency Survey (December 2007)

Table 6: What is the main source of heat for your residence?

All KN respondents

	Gender		Financial burden of the electric bill			Number of people in the home					Length of time served by co-op					
	Total	Male	Female	Not too much	Some	Quite a bit	1	2	3	4	5+	<5 yrs.	5-10	11-15	16-25	>25 yrs.
Unweighted Base	300	161	139	148	120	32	41	148	49	42	18	32	71	37	52	108
Base	300	161	139	148	120	32	41	148	49	42	18	32	71	37	52	108
<u>Electric</u>	132	70	62	63	51	18	12	68	20	22	10	22	40	14	21	35
	44.3%	44.0%	44.6%	42.6%	42.9%	58.1%	30.0%	45.9%	40.8%	52.4%	58.8%	68.8%	58.0%	37.8%	40.4%	32.4%
Electric furnace	69	35	34	27	33	9	5	35	12	11	6	14	22	6	6	21
	23.2%	22.0%	24.5%	18.2%	27.7%	29.0%	12.5%	23.6%	24.5%	26.2%	35.3%	43.8%	31.9%	16.2%	11.5%	19.4%
Electric ceiling cable	3	2	1	2	1	0	0	2	0	0	1	0	1	0	1	1
	1.0%	1.3%	0.7%	1.4%	0.8%	0.0%	0.0%	1.4%	0.0%	0.0%	5.9%	0.0%	1.4%	0.0%	1.9%	0.9%
Electric baseboard	4	3	1	2	1	1	0	3	0	1	0	0	1	2	1	0
	1.3%	1.9%	0.7%	1.4%	0.8%	3.2%	0.0%	2.0%	0.0%	2.4%	0.0%	0.0%	1.4%	5.4%	1.9%	0.0%
Geothermal	7	4	3	4	3	0	0	3	3	0	1	0	0	0	4	3
	2.3%	2.5%	2.2%	2.7%	2.5%	0.0%	0.0%	2.0%	6.1%	0.0%	5.9%	0.0%	0.0%	0.0%	7.7%	2.8%
Electric wall heaters	6	3	3	3	2	1	3	2	0	0	1	2	2	0	1	1
	2.0%	1.9%	2.2%	2.0%	1.7%	3.2%	7.5%	1.4%	0.0%	0.0%	5.9%	6.3%	2.9%	0.0%	1.9%	0.9%
Heat pump/dual-fuel system	41	22	19	24	11	6	4	22	5	9	1	5	14	6	8	8
	13.8%	13.8%	13.7%	16.2%	9.2%	19.4%	10.0%	14.9%	10.2%	21.4%	5.9%	15.6%	20.3%	16.2%	15.4%	7.4%
Electric space heaters	2	1	1	1	0	1	0	1	0	1	0	1	0	0	0	1
	0.7%	0.6%	0.7%	0.7%	0.0%	3.2%	0.0%	0.7%	0.0%	2.4%	0.0%	3.1%	0.0%	0.0%	0.0%	0.9%
<u>Gas</u>	153	81	72	78	63	12	26	74	26	18	7	8	28	22	28	67
	51.3%	50.9%	51.8%	52.7%	52.9%	38.7%	65.0%	50.0%	53.1%	42.9%	41.2%	25.0%	40.6%	59.5%	53.8%	62.0%
Natural gas furnace	94	44	50	49	37	8	15	42	18	13	5	6	18	18	18	34
	31.5%	27.7%	36.0%	33.1%	31.1%	25.8%	37.5%	28.4%	36.7%	31.0%	29.4%	18.8%	26.1%	48.6%	34.6%	31.5%

(continued)

BREC End-Use and Energy Efficiency Survey (December 2007)

Table 6: What is the main source of heat for your residence?

(continued)

All KN respondents

	Gender		Financial burden of the electric bill			Number of people in the home					Length of time served by co-op					
	Total	Male	Female	Not too much	Some	Quite a bit	1	2	3	4	5+	<5 yrs.	5-10	11-15	16-25	>25 yrs.
Unweighted Base	300	161	139	148	120	32	41	148	49	42	18	32	71	37	52	108
Base	300	161	139	148	120	32	41	148	49	42	18	32	71	37	52	108
Propane/natural gas space heaters	7 2.3%	3 1.9%	4 2.9%	5 3.4%	2 1.7%	0 0.0%	3 7.5%	2 1.4%	0 0.0%	1 2.4%	1 5.9%	0 0.0%	1 1.4%	1 2.7%	2 3.8%	3 2.8%
Propane furnace	49 16.4%	32 20.1%	17 12.2%	22 14.9%	24 20.2%	3 9.7%	7 17.5%	28 18.9%	8 16.3%	4 9.5%	1 5.9%	2 6.3%	8 11.6%	3 8.1%	8 15.4%	28 25.9%
Gas pack	3 1.0%	2 1.3%	1 0.7%	2 1.4%	0 0.0%	1 3.2%	1 2.5%	2 1.4%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	1 1.4%	0 0.0%	0 0.0%	2 1.9%
Other	13 4.4%	8 5.0%	5 3.6%	7 4.7%	5 4.2%	1 3.2%	2 5.0%	6 4.1%	3 6.1%	2 4.8%	0 0.0%	2 6.3%	1 1.4%	1 2.7%	3 5.8%	6 5.6%
Wood, coal, or kerosene	13 4.4%	8 5.0%	5 3.6%	7 4.7%	5 4.2%	1 3.2%	2 5.0%	6 4.1%	3 6.1%	2 4.8%	0 0.0%	2 6.3%	1 1.4%	1 2.7%	3 5.8%	6 5.6%
No Response	2	2	0	0	1	1	1	0	0	0	1	0	2	0	0	0
Chi Square		6.54 .835			19.88 .590				46.99 .351					66.79 .015		

(continued)

BREC End-Use and Energy Efficiency Survey (December 2007)

Table 6: What is the main source of heat for your residence?

All KN respondents

	Total	Age					Type of home				Education				
		18-34	35-44	45-54	55-64	65+	Single-story	Multi-story	Mobile	Other	<HS grad	HS grad	Some college	College grad	Post college
Unweighted Base	300	19	34	79	82	79	166	71	40	23	38	129	78	33	16
Base	300	19	34	79	82	79	166	71	40	23	38	129	78	33	16
Electric	132	10	15	46	30	28	64	21	32	15	12	55	38	18	6
	44.3%	55.6%	44.1%	59.0%	36.6%	35.4%	39.0%	29.6%	80.0%	65.2%	32.4%	42.6%	49.4%	54.5%	37.5%
Electric furnace	69	7	10	27	10	13	25	11	22	11	7	35	15	9	1
	23.2%	38.9%	29.4%	34.6%	12.2%	16.5%	15.2%	15.5%	55.0%	47.8%	18.9%	27.1%	19.5%	27.3%	6.3%
Electric ceiling cable	3	0	1	1	1	0	2	1	0	0	1	2	0	0	0
	1.0%	0.0%	2.9%	1.3%	1.2%	0.0%	1.2%	1.4%	0.0%	0.0%	2.7%	1.6%	0.0%	0.0%	0.0%
Electric baseboard	4	0	0	2	1	1	2	1	1	0	1	1	2	0	0
	1.3%	0.0%	0.0%	2.6%	1.2%	1.3%	1.2%	1.4%	2.5%	0.0%	2.7%	0.8%	2.6%	0.0%	0.0%
Geothermal	7	0	0	4	1	2	3	4	0	0	0	1	2	4	0
	2.3%	0.0%	0.0%	5.1%	1.2%	2.5%	1.8%	5.6%	0.0%	0.0%	0.0%	0.8%	2.6%	12.1%	0.0%
Electric wall heaters	6	0	0	5	0	1	3	0	3	0	1	3	2	0	0
	2.0%	0.0%	0.0%	6.4%	0.0%	1.3%	1.8%	0.0%	7.5%	0.0%	2.7%	2.3%	2.6%	0.0%	0.0%
Heat pump/dual-fuel system	41	3	4	6	16	11	28	4	5	4	2	11	17	5	5
	13.8%	16.7%	11.8%	7.7%	19.5%	13.9%	17.1%	5.6%	12.5%	17.4%	5.4%	8.5%	22.1%	15.2%	31.3%
Electric space heaters	2	0	0	1	1	0	1	0	1	0	0	2	0	0	0
	0.7%	0.0%	0.0%	1.3%	1.2%	0.0%	0.6%	0.0%	2.5%	0.0%	0.0%	1.6%	0.0%	0.0%	0.0%
Gas	153	8	18	30	45	48	89	49	8	7	23	63	39	15	10
	51.3%	44.4%	52.9%	38.5%	54.9%	60.8%	54.3%	69.0%	20.0%	30.4%	62.2%	48.8%	50.6%	45.5%	62.5%
Natural gas furnace	94	5	15	19	27	25	61	28	3	2	12	30	29	11	10
	31.5%	27.8%	44.1%	24.4%	32.9%	31.6%	37.2%	39.4%	7.5%	8.7%	32.4%	23.3%	37.7%	33.3%	62.5%

(continued)

BREC End-Use and Energy Efficiency Survey (December 2007)

Table 6: What is the main source of heat for your residence?

(continued)

All KN respondents

	Total	Age					Type of home				Education				
		18-34	35-44	45-54	55-64	65+	Single-story	Multi-story	Mobile	Other	<HS grad	HS grad	Some college	College grad	Post college
Unweighted Base	300	19	34	79	82	79	166	71	40	23	38	129	78	33	16
Base	300	19	34	79	82	79	166	71	40	23	38	129	78	33	16
Propane/natural gas space heaters	7 2.3%	1 5.6%	1 2.9%	2 2.6%	2 2.4%	1 1.3%	3 1.8%	4 5.6%	0 0.0%	0 0.0%	0 0.0%	5 3.9%	2 2.6%	0 0.0%	0 0.0%
Propane furnace	49 16.4%	2 11.1%	2 5.9%	9 11.5%	15 18.3%	20 25.3%	24 14.6%	15 21.1%	5 12.5%	5 21.7%	10 27.0%	26 20.2%	8 10.4%	4 12.1%	0 0.0%
Gas pack	3 1.0%	0 0.0%	0 0.0%	0 0.0%	1 1.2%	2 2.5%	1 0.6%	2 2.8%	0 0.0%	0 0.0%	1 2.7%	2 1.6%	0 0.0%	0 0.0%	0 0.0%
Other	13 4.4%	0 0.0%	1 2.9%	2 2.6%	7 8.5%	3 3.8%	11 6.7%	1 1.4%	0 0.0%	1 4.3%	2 5.4%	11 8.5%	0 0.0%	0 0.0%	0 0.0%
Wood, coal, or kerosene	13 4.4%	0 0.0%	1 2.9%	2 2.6%	7 8.5%	3 3.8%	11 6.7%	1 1.4%	0 0.0%	1 4.3%	2 5.4%	11 8.5%	0 0.0%	0 0.0%	0 0.0%
No Response	2	1	0	1	0	0	2	0	0	0	1	0	1	0	0
Chi Square				56.67 .095				81.40 .001				73.65 .003			

(continued)

BREC End-Use and Energy Efficiency Survey (December 2007)

Table 6: What is the main source of heat for your residence?

All KN respondents

	Income					Overall Satisfaction		Age of home						Primary heating source				
	Total	< \$15K	\$15K-\$25K	\$25K-\$40K	\$40-\$75K	> \$75K	Less than satis.	Satis.	<5 yrs	5-10	11-20	21-30	31-50	50+ yrs	Elec. furn.	HP/ geoth.	NG furn.	Prop. furn.
Unweighted Base	300	25	21	53	75	62	77	223	19	46	66	62	62	45	69	48	94	49
Base	300	25	21	53	75	62	77	223	19	46	66	62	62	45	69	48	94	49
Electric	132	13	4	24	41	27	36	96	12	25	33	33	20	9	69	48	0	0
	44.3%	52.0%	19.0%	45.3%	55.4%	44.3%	47.4%	43.2%	63.2%	54.3%	50.8%	53.2%	32.3%	20.5%	100.0%	100.0%	0.0%	0.0%
					++								--	--	+++	+++		
Electric furnace	69	5	2	15	25	9	21	48	6	12	24	14	8	5	69	0	0	0
	23.2%	20.0%	9.5%	28.3%	33.8%	14.8%	27.6%	21.6%	31.6%	26.1%	36.9%	22.6%	12.9%	11.4%	100.0%	0.0%	0.0%	0.0%
					++	-					+++		--	--	+++			
Electric ceiling cable	3	0	0	0	2	0	1	2	0	0	0	1	1	1	0	0	0	0
	1.0%	0.0%	0.0%	0.0%	2.7%	0.0%	1.3%	0.9%	0.0%	0.0%	0.0%	1.6%	1.6%	2.3%	0.0%	0.0%	0.0%	0.0%
					+													
Electric baseboard	4	2	0	1	0	1	0	4	0	0	1	2	1	0	0	0	0	0
	1.3%	8.0%	0.0%	1.9%	0.0%	1.6%	0.0%	1.8%	0.0%	0.0%	1.5%	3.2%	1.6%	0.0%	0.0%	0.0%	0.0%	0.0%
Geothermal	7	0	0	0	4	3	1	6	0	2	2	1	1	1	0	7	0	0
	2.3%	0.0%	0.0%	0.0%	5.4%	4.9%	1.3%	2.7%	0.0%	4.3%	3.1%	1.6%	1.6%	2.3%	0.0%	14.6%	0.0%	0.0%
					++											+++		
Electric wall heaters	6	0	0	3	2	0	1	5	0	1	0	3	1	1	0	0	0	0
	2.0%	0.0%	0.0%	5.7%	2.7%	0.0%	1.3%	2.3%	0.0%	2.2%	0.0%	4.8%	1.6%	2.3%	0.0%	0.0%	0.0%	0.0%
				++								+						
Heat pump/dual-fuel system	41	5	1	5	8	14	10	31	6	10	5	12	7	1	0	41	0	0
	13.8%	20.0%	4.8%	9.4%	10.8%	23.0%	13.2%	14.0%	31.6%	21.7%	7.7%	19.4%	11.3%	2.3%	0.0%	85.4%	0.0%	0.0%
						++						+		--		+++		
Electric space heaters	2	1	1	0	0	0	2	0	0	0	1	0	1	0	0	0	0	0
	0.7%	4.0%	4.8%	0.0%	0.0%	0.0%	2.6%	0.0%	0.0%	0.0%	1.5%	0.0%	1.6%	0.0%	0.0%	0.0%	0.0%	0.0%
							++											

(continued)

BREC End-Use and Energy Efficiency Survey (December 2007)

Table 6: What is the main source of heat for your residence?

(continued)
All KN respondents

	Income					Overall Satisfaction		Age of home						Primary heating source				
	Total	< \$15K	\$15K-\$25K	\$25K-\$40K	\$40-\$75K	> \$75K	Less than satis.	Satis.	<5 yrs	5-10	11-20	21-30	31-50	50+ yrs	Elec. furn.	HP/geoth.	NG furn.	Prop. furn.
Unweighted Base	300	25	21	53	75	62	77	223	19	46	66	62	62	45	69	48	94	49
Base	300	25	21	53	75	62	77	223	19	46	66	62	62	45	69	48	94	49
Gas	153	10	16	25	29	34	37	116	6	21	31	25	40	30	0	0	94	49
	51.3%	40.0%	76.2%	47.2%	39.2%	55.7%	48.7%	52.3%	31.6%	45.7%	47.7%	40.3%	64.5%	68.2%	0.0%	0.0%	100.0%	100.0%
Natural gas furnace	94	3	8	10	20	27	17	77	6	13	19	18	27	11	0	0	94	0
	31.5%	12.0%	38.1%	18.9%	27.0%	44.3%	22.4%	34.7%	31.6%	28.3%	29.2%	29.0%	43.5%	25.0%	0.0%	0.0%	100.0%	0.0%
				--		++	--	++					++				+++	+++
Propane/natural gas space heaters	7	1	1	1	1	1	2	5	0	0	2	1	0	4	0	0	0	0
	2.3%	4.0%	4.8%	1.9%	1.4%	1.6%	2.6%	2.3%	0.0%	0.0%	3.1%	1.6%	0.0%	9.1%	0.0%	0.0%	0.0%	0.0%
														+++				
Propane furnace	49	6	6	13	7	6	18	31	0	7	10	6	12	14	0	0	0	49
	16.4%	24.0%	28.6%	24.5%	9.5%	9.8%	23.7%	14.0%	0.0%	15.2%	15.4%	9.7%	19.4%	31.8%	0.0%	0.0%	0.0%	100.0%
				+	-		++	--						+++				+++
Gas pack	3	0	1	1	1	0	0	3	0	1	0	0	1	1	0	0	0	0
	1.0%	0.0%	4.8%	1.9%	1.4%	0.0%	0.0%	1.4%	0.0%	2.2%	0.0%	0.0%	1.6%	2.3%	0.0%	0.0%	0.0%	0.0%
Other	13	2	1	4	4	0	3	10	1	0	1	4	2	5	0	0	0	0
	4.4%	8.0%	4.8%	7.5%	5.4%	0.0%	3.9%	4.5%	5.3%	0.0%	1.5%	6.5%	3.2%	11.4%	0.0%	0.0%	0.0%	0.0%
														++				
Wood, coal, or kerosene	13	2	1	4	4	0	3	10	1	0	1	4	2	5	0	0	0	0
	4.4%	8.0%	4.8%	7.5%	5.4%	0.0%	3.9%	4.5%	5.3%	0.0%	1.5%	6.5%	3.2%	11.4%	0.0%	0.0%	0.0%	0.0%
														++				

(continued)

BREC End-Use and Energy Efficiency Survey (December 2007)

Table 6: What is the main source of heat for your residence?

(continued)
All KN respondents

	Total	Income					Overall Satisfaction		Age of home						Primary heating source			
		< \$15K	\$15K-\$25K	\$25K-\$40K	\$40-\$75K	> \$75K	Less than satis.	Satis.	<5 yrs	5-10	11-20	21-30	31-50	50+ yrs	Elec. furn.	HP/ geoth.	NG furn.	Prop. furn.
Unweighted Base	300	25	21	53	75	62	77	223	19	46	66	62	62	45	69	48	94	49
Base	300	25	21	53	75	62	77	223	19	46	66	62	62	45	69	48	94	49
No Response	2	0	0	0	1	1	1	1	0	0	1	0	0	1	0	0	0	0
Chi Square				72.66			16.01				79.08					780.00		
				.004			.141				.018					.001		

BREC End-Use and Energy Efficiency Survey (December 2007)

Table 7: What is the main source of cooling for your home?

All KN respondents

	Total	Gender		Financial burden of the electric bill			Number of people in the home					Length of time served by co-op				
		Male	Female	Not too much	Some	Quite a bit	1	2	3	4	5+	<5 yrs.	5-10	11-15	16-25	>25 yrs.
Unweighted Base	300	161	139	148	120	32	41	148	49	42	18	32	71	37	52	108
Base	300	161	139	148	120	32	41	148	49	42	18	32	71	37	52	108
Central air unit with a separate heating system (not heat pumps, but cold air is distributed through duct work)	215 72.1%	113 71.1%	102 73.4%	108 73.0%	89 74.8%	18 58.1%	28 70.0%	107 72.3%	36 73.5%	29 69.0%	13 76.5%	21 65.6%	49 71.0%	29 78.4%	34 65.4%	82 75.9%
Heat pump (air-source, geothermal, ground coupled, and dual-fuel systems)	48 16.1%	26 16.4%	22 15.8%	28 18.9%	14 11.8%	6 19.4%	4 10.0%	25 16.9%	8 16.3%	9 21.4%	2 11.8%	5 15.6%	14 20.3%	6 16.2%	12 23.1%	11 10.2%
Window air conditioners	33 11.1%	18 11.3%	15 10.8%	10 6.8%	16 13.4%	7 22.6%	6 15.0%	16 10.8%	5 10.2%	4 9.5%	2 11.8%	6 18.8%	5 7.2%	1 2.7%	6 11.5%	15 13.9%
Not cooled/open windows	2 0.7%	2 1.3%	0 0.0%	2 1.4%	0 0.0%	0 0.0%	2 5.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	1 1.4%	1 2.7%	0 0.0%	0 0.0%
No Response	2	2	0	0	1	1	1	0	0	0	1	0	2	0	0	0

(continued)

BREC End-Use and Energy Efficiency Survey (December 2007)

Table 7: What is the main source of cooling for your home?

All KN respondents

	Total	Age					Type of home				Education				
		18-34	35-44	45-54	55-64	65+	Single-story	Multi-story	Mobile	Other	<HS grad	HS grad	Some college	College grad	Post college
Unweighted Base	300	19	34	79	82	79	166	71	40	23	38	129	78	33	16
Base	300	19	34	79	82	79	166	71	40	23	38	129	78	33	16
Central air unit with a separate heating system (not heat pumps, but cold air is distributed through duct work)	215 72.1%	13 72.2%	27 79.4%	56 71.8%	54 65.9%	59 74.7%	116 70.7%	53 74.6%	27 67.5%	19 82.6%	28 75.7%	95 73.6%	53 68.8%	23 69.7%	11 68.8%
Heat pump (air-source, geothermal, ground coupled, and dual-fuel systems)	48 16.1%	3 16.7%	4 11.8%	10 12.8%	17 20.7%	13 16.5%	31 18.9%	8 11.3%	5 12.5%	4 17.4%	2 5.4%	12 9.3%	19 24.7%	9 27.3%	5 31.3%
Window air conditioners	33 11.1%	2 11.1%	2 5.9%	12 15.4%	10 12.2%	7 8.9%	17 10.4%	8 11.3%	8 20.0%	0 0.0%	7 18.9%	20 15.5%	5 6.5%	1 3.0%	0 0.0%
Not cooled/open windows	2 0.7%	0 0.0%	1 2.9%	0 0.0%	1 1.2%	0 0.0%	0 0.0%	2 2.8%	0 0.0%	0 0.0%	0 0.0%	2 1.6%	0 0.0%	0 0.0%	0 0.0%
No Response	2	1	0	1	0	0	2	0	0	0	1	0	1	0	0

(continued)

BREC End-Use and Energy Efficiency Survey (December 2007)

Table 7: What is the main source of cooling for your home?

All KN respondents

	Income						Overall Satisfaction		Age of home						Primary heating source			
	Total	< \$15K	\$15K-\$25K	\$25K-\$40K	\$40-\$75K	> \$75K	Less than satis.	Satis.	<5 yrs	5-10	11-20	21-30	31-50	50+ yrs	Elec. furn.	HP/ geoth.	NG furn.	Prop. furn.
Unweighted Base	300	25	21	53	75	62	77	223	19	46	66	62	62	45	69	48	94	49
Base	300	25	21	53	75	62	77	223	19	46	66	62	62	45	69	48	94	49
Central air unit with a separate heating system (not heat pumps, but cold air is distributed through duct work)	215 72.1%	14 56.0%	15 71.4%	35 66.0%	57 77.0%	44 72.1%	55 72.4%	160 72.1%	11 57.9%	34 73.9%	53 81.5% +	42 67.7%	46 74.2%	29 65.9%	66 95.7% +++	0 0.0%	92 97.9% +++	39 79.6%
Heat pump (air-source, geothermal, ground coupled, and dual-fuel systems)	48 16.1%	5 20.0%	1 4.8%	5 9.4%	12 16.2%	17 27.9% +++	11 14.5%	37 16.7%	6 31.6%	12 26.1% ++	7 10.8%	13 21.0%	8 12.9%	2 4.5% --	0 0.0%	48 100.0% +++ %	0 0.0%	0 0.0%
Window air conditioners	33 11.1%	6 24.0%	5 23.8%	12 22.6% +++	5 6.8%	0 0.0%	9 11.8%	24 10.8%	2 10.5%	0 0.0%	4 6.2%	7 11.3%	8 12.9%	12 27.3% +++	3 4.3% --	0 0.0%	2 2.1% ---	9 18.4% +
Not cooled/open windows	2 0.7%	0 0.0%	0 0.0%	1 1.9%	0 0.0%	0 0.0%	1 1.3%	1 0.5%	0 0.0%	0 0.0%	1 1.5%	0 0.0%	0 0.0%	1 2.3%	0 0.0%	0 0.0%	0 0.0%	1 2.0%
No Response	2	0	0	0	1	1	1	1	0	0	1	0	0	1	0	0	0	0

BREC End-Use and Energy Efficiency Survey (December 2007)

Table 8: What fuel do you use for your water heater?

All KN respondents

	Gender		Financial burden of the electric bill			Number of people in the home					Length of time served by co-op					
	Total	Male	Female	Not too much	Some	Quite a bit	1	2	3	4	5+	<5 yrs.	5-10	11-15	16-25	>25 yrs.
Unweighted Base	300	161	139	148	120	32	41	148	49	42	18	32	71	37	52	108
Base	300	161	139	148	120	32	41	148	49	42	18	32	71	37	52	108
Electric	189 63.0%	106 65.8%	83 59.7%	86 58.1%	78 65.0%	25 78.1%	26 63.4%	93 62.8%	28 57.1%	26 61.9%	14 77.8%	25 78.1%	51 71.8%	14 37.8%	35 67.3%	64 59.3%
Natural gas	89 29.7%	42 26.1%	47 33.8%	49 33.1%	34 28.3%	6 18.8%	13 31.7%	43 29.1%	17 34.7%	13 31.0%	3 16.7%	6 18.8%	17 23.9%	20 54.1%	16 30.8%	30 27.8%
Propane	21 7.0%	13 8.1%	8 5.8%	12 8.1%	8 6.7%	1 3.1%	2 4.9%	12 8.1%	4 8.2%	2 4.8%	1 5.6%	1 3.1%	3 4.2%	2 5.4%	1 1.9%	14 13.0%
Wood	1 0.3%	0 0.0%	1 0.7%	1 0.7%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	1 2.4%	0 0.0%	0 0.0%	0 0.0%	1 2.7%	0 0.0%	0 0.0%

(continued)

BREC End-Use and Energy Efficiency Survey (December 2007)

Table 8: What fuel do you use for your water heater?

All KN respondents

	Total	Age					Type of home				Education				
		18-34	35-44	45-54	55-64	65+	Single-story	Multi-story	Mobile	Other	<HS grad	HS grad	Some college	College grad	Post college
Unweighted Base	300	19	34	79	82	79	166	71	40	23	38	129	78	33	16
Base	300	19	34	79	82	79	166	71	40	23	38	129	78	33	16
Electric	189 63.0%	13 68.4%	17 50.0%	55 69.6%	51 62.2%	47 59.5%	93 56.0%	38 53.5%	39 97.5%	19 82.6%	27 71.1%	84 65.1%	46 59.0%	22 66.7%	4 25.0%
Natural gas	89 29.7%	6 31.6%	15 44.1%	18 22.8%	26 31.7%	23 29.1%	62 37.3%	24 33.8%	1 2.5%	2 8.7%	10 26.3%	30 23.3%	27 34.6%	10 30.3%	12 75.0%
Propane	21 7.0%	0 0.0%	2 5.9%	5 6.3%	5 6.1%	9 11.4%	11 6.6%	9 12.7%	0 0.0%	1 4.3%	1 2.6%	14 10.9%	5 6.4%	1 3.0%	0 0.0%
Wood	1 0.3%	0 0.0%	0 0.0%	1 1.3%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	1 4.3%	0 0.0%	1 0.8%	0 0.0%	0 0.0%	0 0.0%

(continued)

BREC End-Use and Energy Efficiency Survey (December 2007)

Table 8: What fuel do you use for your water heater?

All KN respondents

	Income					Overall Satisfaction		Age of home					Primary heating source					
	Total	< \$15K	\$15K-\$25K	\$25K-\$40K	\$40-\$75K	> \$75K	Less than satis.	Satis.	<5 yrs	5-10	11-20	21-30	31-50	50+ yrs	Elec. furn.	HP/ geoth.	NG furn.	Prop. furn.
Unweighted Base	300	25	21	53	75	62	77	223	19	46	66	62	62	45	69	48	94	49
Base	300	25	21	53	75	62	77	223	19	46	66	62	62	45	69	48	94	49
Electric	189 63.0%	20 80.0%	13 61.9%	38 71.7%	50 66.7%	30 48.4%	53 68.8%	136 61.0%	13 68.4%	28 60.9%	46 69.7%	44 71.0%	29 46.8%	29 64.4%	67 97.1%	44 91.7%	14 14.9%	32 65.3%
Natural gas	89 29.7%	4 16.0%	6 28.6%	9 17.0%	20 26.7%	29 46.8%	18 23.4%	71 31.8%	6 31.6%	14 30.4%	16 24.2%	18 29.0%	28 45.2%	7 15.6%	2 2.9%	3 6.3%	80 85.1%	0 0.0%
Propane	21 7.0%	1 4.0%	2 9.5%	6 11.3%	5 6.7%	3 4.8%	6 7.8%	15 6.7%	0 0.0%	4 8.7%	3 4.5%	0 0.0%	5 8.1%	9 20.0%	0 0.0%	1 2.1%	0 0.0%	17 34.7%
Wood	1 0.3%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	1 0.4%	0 0.0%	0 0.0%	1 1.5%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%

BREC End-Use and Energy Efficiency Survey (December 2007)

Table 9: Approximately, how old is your home?

All KN respondents

	Gender		Financial burden of the electric bill			Number of people in the home					Length of time served by co-op					
	Total	Male	Female	Not too much	Some	Quite a bit	1	2	3	4	5+	<5 yrs.	5-10	11-15	16-25	>25 yrs.
Unweighted Base	300	161	139	148	120	32	41	148	49	42	18	32	71	37	52	108
Base	300	161	139	148	120	32	41	148	49	42	18	32	71	37	52	108
One year or less	4 1.3%	2 1.2%	2 1.4%	2 1.4%	1 0.8%	1 3.1%	0 0.0%	3 2.0%	0 0.0%	1 2.4%	0 0.0%	0 0.0%	1 1.4%	1 2.7%	1 1.9%	1 0.9%
2-4 years	15 5.0%	11 6.8%	4 2.9%	10 6.8%	4 3.3%	1 3.1%	2 4.9%	6 4.1%	2 4.1%	4 9.5%	1 5.6%	8 25.0%	0 0.0%	3 8.1%	2 3.8%	2 1.9%
5-7 years	19 6.3%	13 8.1%	6 4.3%	12 8.1%	5 4.2%	2 6.3%	3 7.3%	10 6.8%	3 6.1%	2 4.8%	1 5.6%	2 6.3%	10 14.1%	0 0.0%	2 3.8%	5 4.6%
8-10 years	27 9.0%	12 7.5%	15 10.8%	12 8.1%	12 10.0%	3 9.4%	4 9.8%	12 8.1%	5 10.2%	2 4.8%	4 22.2%	3 9.4%	11 15.5%	3 8.1%	4 7.7%	6 5.6%
11-20 years	66 22.0%	37 23.0%	29 20.9%	35 23.6%	27 22.5%	4 12.5%	7 17.1%	29 19.6%	13 26.5%	14 33.3%	3 16.7%	8 25.0%	20 28.2%	13 35.1%	11 21.2%	14 13.0%
21-30 years	62 20.7%	28 17.4%	34 24.5%	29 19.6%	23 19.2%	10 31.3%	12 29.3%	29 19.6%	11 22.4%	10 23.8%	0 0.0%	5 15.6%	10 14.1%	8 21.6%	19 36.5%	20 18.5%
31-40 years	34 11.3%	15 9.3%	19 13.7%	14 9.5%	16 13.3%	4 12.5%	2 4.9%	21 14.2%	4 8.2%	3 7.1%	4 22.2%	2 6.3%	2 2.8%	3 8.1%	9 17.3%	18 16.7%
41-50 years	28 9.3%	17 10.6%	11 7.9%	16 10.8%	8 6.7%	4 12.5%	4 9.8%	16 10.8%	4 8.2%	2 4.8%	1 5.6%	2 6.3%	4 5.6%	4 10.8%	1 1.9%	17 15.7%
More than 50 years old	45 15.0%	26 16.1%	19 13.7%	18 12.2%	24 20.0%	3 9.4%	7 17.1%	22 14.9%	7 14.3%	4 9.5%	4 22.2%	2 6.3%	13 18.3%	2 5.4%	3 5.8%	25 23.1%
Chi Square		9.01 .341		14.15 .588		27.44 .697							96.48 .001			

(continued)

BREC End-Use and Energy Efficiency Survey (December 2007)

Table 9: Approximately, how old is your home?

All KN respondents

	Age					Type of home				Education					
	Total	18-34	35-44	45-54	55-64	65+	Single-story	Multi-story	Mobile	Other	<HS grad	HS grad	Some college	College grad	Post college
Unweighted Base	300	19	34	79	82	79	166	71	40	23	38	129	78	33	16
Base	300	19	34	79	82	79	166	71	40	23	38	129	78	33	16
One year or less	4 1.3%	0 0.0%	1 2.9%	2 2.5%	0 0.0%	1 1.3%	1 0.6%	1 1.4%	2 5.0%	0 0.0%	1 2.6%	2 1.6%	0 0.0%	1 3.0%	0 0.0%
2-4 years	15 5.0%	1 5.3%	2 5.9%	4 5.1%	5 6.1%	3 3.8%	7 4.2%	4 5.6%	3 7.5%	1 4.3%	1 2.6%	5 3.9%	6 7.7%	3 9.1%	0 0.0%
5-7 years	19 6.3%	1 5.3%	4 11.8%	6 7.6%	4 4.9%	4 5.1%	7 4.2%	6 8.5%	1 2.5%	5 21.7%	3 7.9%	9 7.0%	3 3.8%	3 9.1%	1 6.3%
8-10 years	27 9.0%	1 5.3%	5 14.7%	8 10.1%	7 8.5%	6 7.6%	15 9.0%	4 5.6%	6 15.0%	2 8.7%	2 5.3%	12 9.3%	5 6.4%	5 15.2%	3 18.8%
11-20 years	66 22.0%	7 36.8%	10 29.4%	21 26.6%	13 15.9%	13 16.5%	29 17.5%	10 14.1%	16 40.0%	11 47.8%	4 10.5%	27 20.9%	19 24.4%	10 30.3%	5 31.3%
21-30 years	62 20.7%	2 10.5%	5 14.7%	17 21.5%	19 23.2%	17 21.5%	38 22.9%	12 16.9%	8 20.0%	4 17.4%	10 26.3%	23 17.8%	17 21.8%	7 21.2%	3 18.8%
31-40 years	34 11.3%	2 10.5%	1 2.9%	8 10.1%	14 17.1%	9 11.4%	24 14.5%	7 9.9%	3 7.5%	0 0.0%	4 10.5%	16 12.4%	12 15.4%	1 3.0%	1 6.3%
41-50 years	28 9.3%	1 5.3%	1 2.9%	5 6.3%	11 13.4%	9 11.4%	19 11.4%	8 11.3%	1 2.5%	0 0.0%	7 18.4%	11 8.5%	4 5.1%	2 6.1%	3 18.8%
More than 50 years old	45 15.0%	4 21.1%	5 14.7%	8 10.1%	9 11.0%	17 21.5%	26 15.7%	19 26.8%	0 0.0%	0 0.0%	6 15.8%	24 18.6%	12 15.4%	1 3.0%	0 0.0%
Chi Square				29.03 .618				62.92 .001				34.35 .356			

(continued)

BREC End-Use and Energy Efficiency Survey (December 2007)

Table 9: Approximately, how old is your home?

All KN respondents

	Income					Overall Satisfaction		Age of home						Primary heating source				
	Total	< \$15K	\$15K- \$25K	\$25K- \$40K	\$40- \$75K	> \$75K	Less than satis.	Satis.	<5 yrs	5-10	11-20	21-30	31-50	50+ yrs	Elec. furn.	HP/ geoth.	NG furn.	Prop. furn.
Unweighted Base	300	25	21	53	75	62	77	223	19	46	66	62	62	45	69	48	94	49
Base	300	25	21	53	75	62	77	223	19	46	66	62	62	45	69	48	94	49
One year or less	4	1	0	0	0	1	2	2	4	0	0	0	0	0	3	1	0	0
	1.3%	4.0%	0.0%	0.0%	0.0%	1.6%	2.6%	0.9%	21.1%	0.0%	0.0%	0.0%	0.0%	0.0%	4.3%	2.1%	0.0%	0.0%
2-4 years	15	1	0	1	5	5	3	12	15	0	0	0	0	0	3	5	6	0
	5.0%	4.0%	0.0%	1.9%	6.7%	8.1%	3.9%	5.4%	78.9%	0.0%	0.0%	0.0%	0.0%	0.0%	4.3%	10.4%	6.4%	0.0%
5-7 years	19	2	1	3	6	4	7	12	0	19	0	0	0	0	4	7	2	5
	6.3%	8.0%	4.8%	5.7%	8.0%	6.5%	9.1%	5.4%	0.0%	41.3%	0.0%	0.0%	0.0%	0.0%	5.8%	14.6%	2.1%	10.2%
8-10 years	27	2	3	1	8	9	5	22	0	27	0	0	0	0	8	5	11	2
	9.0%	8.0%	14.3%	1.9%	10.7%	14.5%	6.5%	9.9%	0.0%	58.7%	0.0%	0.0%	0.0%	0.0%	11.6%	10.4%	11.7%	4.1%
11-20 years	66	5	2	11	23	13	25	41	0	0	66	0	0	0	24	7	19	10
	22.0%	20.0%	9.5%	20.8%	30.7%	21.0%	32.5%	18.4%	0.0%	0.0%	100.0	0.0%	0.0%	0.0%	34.8%	14.6%	20.2%	20.4%
21-30 years	62	7	3	9	14	10	13	49	0	0	0	62	0	0	14	13	18	6
	20.7%	28.0%	14.3%	17.0%	18.7%	16.1%	16.9%	22.0%	0.0%	0.0%	0.0%	100.0	0.0%	0.0%	20.3%	27.1%	19.1%	12.2%
31-40 years	34	2	4	9	5	9	9	25	0	0	0	0	34	0	6	3	14	7
	11.3%	8.0%	19.0%	17.0%	6.7%	14.5%	11.7%	11.2%	0.0%	0.0%	0.0%	0.0%	54.8%	0.0%	8.7%	6.3%	14.9%	14.3%
41-50 years	28	2	3	4	5	6	5	23	0	0	0	0	28	0	2	5	13	5
	9.3%	8.0%	14.3%	7.5%	6.7%	9.7%	6.5%	10.3%	0.0%	0.0%	0.0%	0.0%	45.2%	0.0%	2.9%	10.4%	13.8%	10.2%
More than 50 years old	45	3	5	15	9	5	8	37	0	0	0	0	0	45	5	2	11	14
	15.0%	12.0%	23.8%	28.3%	12.0%	8.1%	10.4%	16.6%	0.0%	0.0%	0.0%	0.0%	0.0%	100.0	7.2%	4.2%	11.7%	28.6%

(continued)

BREC End-Use and Energy Efficiency Survey (December 2007)

Table 9: Approximately, how old is your home?

(continued)

All KN respondents

	Income						Overall Satisfaction		Age of home						Primary heating source			
	Total	< \$15K	\$15K- \$25K	\$25K- \$40K	\$40- \$75K	> \$75K	Less than satis.	Satis.	<5 yrs	5-10	11-20	21-30	31-50	50+ yrs	Elec. furn.	HP/ geoth.	NG furn.	Prop. furn.
Unweighted Base	300	25	21	53	75	62	77	223	19	46	66	62	62	45	69	48	94	49
Base	300	25	21	53	75	62	77	223	19	46	66	62	62	45	69	48	94	49
Chi Square				34.73				11.71					1000+				52.61	
				.339				.165					.001				.001	

BREC End-Use and Energy Efficiency Survey (December 2007)

Table 10: Next, I'm going to read some descriptive phrases and would like for you to tell me which energy source you believe best applies to each one. Please consider all energy sources—even if one or more are not readily available to you at the moment. Here's the first: Is the most comfortable way to heat a home. Would you say that phrase applies best to:

All KN respondents

	Gender		Financial burden of the electric bill			Number of people in the home					Length of time served by co-op					
	Total	Male	Female	Not too much	Some	Quite a bit	1	2	3	4	5+	<5 yrs.	5-10	11-15	16-25	>25 yrs.
Unweighted Base	300	161	139	148	120	32	41	148	49	42	18	32	71	37	52	108
Base	300	161	139	148	120	32	41	148	49	42	18	32	71	37	52	108
Electricity (includes geothermal and heat pump)	134 44.7%	71 44.1%	63 45.3%	67 45.3%	52 43.3%	15 46.9%	19 46.3%	70 47.3%	18 36.7%	13 31.0%	13 72.2%	18 56.3%	40 56.3%	12 32.4%	20 38.5%	44 40.7%
Natural gas	113 37.7%	62 38.5%	51 36.7%	55 37.2%	48 40.0%	10 31.3%	14 34.1%	50 33.8%	24 49.0%	23 54.8%	2 11.1%	10 31.3%	21 29.6%	19 51.4%	26 50.0%	37 34.3%
Propane (includes LP—liquid propane)	35 11.7%	20 12.4%	15 10.8%	17 11.5%	15 12.5%	3 9.4%	6 14.6%	19 12.8%	4 8.2%	3 7.1%	2 11.1%	2 6.3%	8 11.3%	2 5.4%	3 5.8%	20 18.5%
Wood	15 5.0%	6 3.7%	9 6.5%	8 5.4%	4 3.3%	3 9.4%	2 4.9%	7 4.7%	3 6.1%	3 7.1%	0 0.0%	2 6.3%	2 2.8%	3 8.1%	2 3.8%	6 5.6%
Solar	2 0.7%	1 0.6%	1 0.7%	1 0.7%	0 0.0%	1 3.1%	0 0.0%	1 0.7%	0 0.0%	0 0.0%	1 5.6%	0 0.0%	0 0.0%	1 2.7%	1 1.9%	0 0.0%
Coal	1 0.3%	1 0.6%	0 0.0%	0 0.0%	1 0.8%	0 0.0%	0 0.0%	1 0.7%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	1 0.9%

(continued)

BREC End-Use and Energy Efficiency Survey (December 2007)

Table 10: Next, I'm going to read some descriptive phrases and would like for you to tell me which energy source you believe best applies to each one. Please consider all energy sources—even if one or more are not readily available to you at the moment. Here's the first: Is the most comfortable way to heat a home. Would you say that phrase applies best to:

All KN respondents

	Total	Age					Type of home				Education				
		18-34	35-44	45-54	55-64	65+	Single-story	Multi-story	Mobile	Other	<HS grad	HS grad	Some college	College grad	Post college
Unweighted Base	300	19	34	79	82	79	166	71	40	23	38	129	78	33	16
Base	300	19	34	79	82	79	166	71	40	23	38	129	78	33	16
Electricity (includes geothermal and heat pump)	134 44.7%	12 63.2%	15 44.1%	34 43.0%	34 41.5%	35 44.3%	69 41.6%	23 32.4%	26 65.0%	16 69.6%	18 47.4%	64 49.6%	29 37.2%	16 48.5%	4 25.0%
Natural gas	113 37.7%	7 36.8%	13 38.2%	32 40.5%	32 39.0%	27 34.2%	71 42.8%	30 42.3%	8 20.0%	4 17.4%	13 34.2%	36 27.9%	35 44.9%	16 48.5%	11 68.8%
Propane (includes LP—liquid propane)	35 11.7%	0 0.0%	5 14.7%	6 7.6%	10 12.2%	13 16.5%	15 9.0%	13 18.3%	5 12.5%	2 8.7%	5 13.2%	20 15.5%	8 10.3%	1 3.0%	0 0.0%
Wood	15 5.0%	0 0.0%	1 2.9%	7 8.9%	4 4.9%	3 3.8%	11 6.6%	2 2.8%	1 2.5%	1 4.3%	2 5.3%	9 7.0%	3 3.8%	0 0.0%	1 6.3%
Solar	2 0.7%	0 0.0%	0 0.0%	0 0.0%	2 2.4%	0 0.0%	0 0.0%	2 2.8%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	2 2.6%	0 0.0%	0 0.0%
Coal	1 0.3%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	1 1.3%	0 0.0%	1 1.4%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	1 1.3%	0 0.0%	0 0.0%

(continued)

BREC End-Use and Energy Efficiency Survey (December 2007)

Table 10: Next, I'm going to read some descriptive phrases and would like for you to tell me which energy source you believe best applies to each one. Please consider all energy sources—even if one or more are not readily available to you at the moment. Here's the first: Is the most comfortable way to heat a home. Would you say that phrase applies best to:

All KN respondents

	Total	Income					Overall Satisfaction		Age of home						Primary heating source			
		< \$15K	\$15K-\$25K	\$25K-\$40K	\$40-\$75K	> \$75K	Less than satis.	Satis.	<5 yrs	5-10	11-20	21-30	31-50	50+ yrs	Elec. furn.	HP/ geoth.	NG furn.	Prop. furn.
Unweighted Base	300	25	21	53	75	62	77	223	19	46	66	62	62	45	69	48	94	49
Base	300	25	21	53	75	62	77	223	19	46	66	62	62	45	69	48	94	49
Electricity (includes geothermal and heat pump)	134 44.7%	18 72.0%	11 52.4%	23 43.4%	41 54.7%	16 25.8%	38 49.4%	96 43.0%	7 36.8%	25 54.3%	32 48.5%	26 41.9%	29 46.8%	15 33.3%	50 72.5%	31 64.6%	23 24.5%	11 22.4%
Natural gas	113 37.7%	5 20.0%	2 9.5%	17 32.1%	23 30.7%	38 61.3%	27 35.1%	86 38.6%	10 52.6%	15 32.6%	28 42.4%	26 41.9%	23 37.1%	11 24.4%	15 21.7%	16 33.3%	67 71.3%	12 24.5%
Propane (includes LP—liquid propane)	35 11.7%	1 4.0%	6 28.6%	7 13.2%	7 9.3%	6 9.7%	9 11.7%	26 11.7%	2 10.5%	6 13.0%	3 4.5%	4 6.5%	6 9.7%	14 31.1%	3 4.3%	1 2.1%	1 1.1%	25 51.0%
Wood	15 5.0%	1 4.0%	2 9.5%	4 7.5%	4 5.3%	1 1.6%	3 3.9%	12 5.4%	0 0.0%	0 0.0%	3 4.5%	5 8.1%	3 4.8%	4 8.9%	1 1.4%	0 0.0%	1 1.1%	1 2.0%
Solar	2 0.7%	0 0.0%	0 0.0%	1 1.9%	0 0.0%	1 1.6%	0 0.0%	2 0.9%	0 0.0%	0 0.0%	0 0.0%	1 1.6%	1 1.6%	0 0.0%	0 0.0%	0 0.0%	1 1.1%	0 0.0%
Coal	1 0.3%	0 0.0%	0 0.0%	1 1.9%	0 0.0%	0 0.0%	0 0.0%	1 0.4%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	1 2.2%	0 0.0%	0 0.0%	1 1.1%	0 0.0%

BREC End-Use and Energy Efficiency Survey (December 2007)

Table 11: Is the cheapest way to heat water for a home. Would you say that phrase applies best to:

All KN respondents

	Gender		Financial burden of the electric bill			Number of people in the home					Length of time served by co-op					
	Total	Male	Female	Not too much	Some	Quite a bit	1	2	3	4	5+	<5 yrs.	5-10	11-15	16-25	>25 yrs.
Unweighted Base	300	161	139	148	120	32	41	148	49	42	18	32	71	37	52	108
Base	300	161	139	148	120	32	41	148	49	42	18	32	71	37	52	108
Electricity (includes geothermal and heat pump)	170 56.7%	84 52.2%	86 61.9%	73 49.3%	75 62.5%	22 68.8%	24 58.5%	83 56.1%	25 51.0%	23 54.8%	15 83.3%	19 59.4%	43 60.6%	12 32.4%	34 65.4%	62 57.4%
Natural gas	98 32.7%	54 33.5%	44 31.7%	50 33.8%	40 33.3%	8 25.0%	15 36.6%	46 31.1%	19 38.8%	14 33.3%	2 11.1%	9 28.1%	22 31.0%	19 51.4%	13 25.0%	35 32.4%
Propane (includes LP—liquid propane)	17 5.7%	12 7.5%	5 3.6%	13 8.8%	4 3.3%	0 0.0%	2 4.9%	10 6.8%	2 4.1%	2 4.8%	1 5.6%	3 9.4%	3 4.2%	2 5.4%	1 1.9%	8 7.4%
Solar	8 2.7%	6 3.7%	2 1.4%	8 5.4%	0 0.0%	0 0.0%	0 0.0%	4 2.7%	2 4.1%	2 4.8%	0 0.0%	1 3.1%	2 2.8%	1 2.7%	3 5.8%	1 0.9%
Wood	5 1.7%	4 2.5%	1 0.7%	3 2.0%	0 0.0%	2 6.3%	0 0.0%	3 2.0%	1 2.0%	1 2.4%	0 0.0%	0 0.0%	1 1.4%	2 5.4%	0 0.0%	2 1.9%
Don't know	2 0.7%	1 0.6%	1 0.7%	1 0.7%	1 0.8%	0 0.0%	0 0.0%	2 1.4%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	1 2.7%	1 1.9%	0 0.0%

(continued)

BREC End-Use and Energy Efficiency Survey (December 2007)

Table 11: Is the cheapest way to heat water for a home. Would you say that phrase applies best to:

All KN respondents

	Total	Age					Type of home				Education				
		18-34	35-44	45-54	55-64	65+	Single-story	Multi-story	Mobile	Other	<HS grad	HS grad	Some college	College grad	Post college
Unweighted Base	300	19	34	79	82	79	166	71	40	23	38	129	78	33	16
Base	300	19	34	79	82	79	166	71	40	23	38	129	78	33	16
Electricity (includes geothermal and heat pump)	170 56.7%	12 63.2%	19 55.9%	48 60.8%	42 51.2%	45 57.0%	86 51.8%	36 50.7%	30 75.0%	18 78.3%	25 65.8%	82 63.6%	40 51.3%	17 51.5%	2 12.5%
Natural gas	98 32.7%	6 31.6%	12 35.3%	22 27.8%	30 36.6%	25 31.6%	63 38.0%	26 36.6%	7 17.5%	2 8.7%	12 31.6%	32 24.8%	29 37.2%	12 36.4%	11 68.8%
Propane (includes LP—liquid propane)	17 5.7%	0 0.0%	3 8.8%	5 6.3%	3 3.7%	6 7.6%	7 4.2%	6 8.5%	3 7.5%	1 4.3%	0 0.0%	11 8.5%	4 5.1%	2 6.1%	0 0.0%
Solar	8 2.7%	1 5.3%	0 0.0%	1 1.3%	5 6.1%	1 1.3%	5 3.0%	2 2.8%	0 0.0%	1 4.3%	1 2.6%	0 0.0%	4 5.1%	2 6.1%	1 6.3%
Wood	5 1.7%	0 0.0%	0 0.0%	3 3.8%	1 1.2%	1 1.3%	3 1.8%	1 1.4%	0 0.0%	1 4.3%	0 0.0%	3 2.3%	1 1.3%	0 0.0%	1 6.3%
Don't know	2 0.7%	0 0.0%	0 0.0%	0 0.0%	1 1.2%	1 1.3%	2 1.2%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	1 0.8%	0 0.0%	0 0.0%	1 6.3%

(continued)

BREC End-Use and Energy Efficiency Survey (December 2007)

Table 11: Is the cheapest way to heat water for a home. Would you say that phrase applies best to:

All KN respondents

	Income					Overall Satisfaction		Age of home					Primary heating source					
	Total	< \$15K	\$15K- \$25K	\$25K- \$40K	\$40- \$75K	> \$75K	Less than satis.	Satis.	<5 yrs	5-10	11-20	21-30	31-50	50+ yrs	Elec. furn.	HP/ geoth.	NG furn.	Prop. furn.
Unweighted Base	300	25	21	53	75	62	77	223	19	46	66	62	62	45	69	48	94	49
Base	300	25	21	53	75	62	77	223	19	46	66	62	62	45	69	48	94	49
Electricity (includes geothermal and heat pump)	170 56.7%	16 64.0%	16 76.2%	33 62.3%	49 65.3%	25 40.3%	43 55.8%	127 57.0%	12 63.2%	25 54.3%	37 56.1%	33 53.2%	35 56.5%	28 62.2%	54 78.3%	32 66.7%	28 29.8%	26 53.1%
Natural gas	98 32.7%	8 32.0%	3 14.3%	10 18.9%	21 28.0%	30 48.4%	25 32.5%	73 32.7%	5 26.3%	19 41.3%	23 34.8%	22 35.5%	20 32.3%	9 20.0%	10 14.5%	11 22.9%	64 68.1%	10 20.4%
Propane (includes LP—liquid propane)	17 5.7%	0 0.0%	2 9.5%	5 9.4%	2 2.7%	3 4.8%	4 5.2%	13 5.8%	2 10.5%	1 2.2%	3 4.5%	1 1.6%	3 4.8%	7 15.6%	3 4.3%	0 0.0%	0 0.0%	11 22.4%
Solar	8 2.7%	0 0.0%	0 0.0%	4 7.5%	1 1.3%	3 4.8%	4 5.2%	4 1.8%	0 0.0%	1 2.2%	1 1.5%	4 6.5%	2 3.2%	0 0.0%	1 1.4%	3 6.3%	1 1.1%	1 2.0%
Wood	5 1.7%	1 4.0%	0 0.0%	1 1.9%	2 2.7%	0 0.0%	1 1.3%	4 1.8%	0 0.0%	0 0.0%	2 3.0%	1 1.6%	2 3.2%	0 0.0%	1 1.4%	1 2.1%	1 1.1%	0 0.0%
Don't know	2 0.7%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	1 1.6%	0 0.0%	2 0.9%	0 0.0%	0 0.0%	0 0.0%	1 1.6%	0 0.0%	1 2.2%	0 0.0%	1 2.1%	0 0.0%	1 2.0%

BREC End-Use and Energy Efficiency Survey (December 2007)

Table 12: Is the most energy-efficient way to heat a home?

All KN respondents

	Gender		Financial burden of the electric bill			Number of people in the home					Length of time served by co-op					
	Total	Male	Female	Not too much	Some	Quite a bit	1	2	3	4	5+	<5 yrs.	5-10	11-15	16-25	>25 yrs.
Unweighted Base	300	161	139	148	120	32	41	148	49	42	18	32	71	37	52	108
Base	300	161	139	148	120	32	41	148	49	42	18	32	71	37	52	108
Electricity (includes geothermal and heat pump)	154 51.3%	82 50.9%	72 51.8%	71 48.0%	67 55.8%	16 50.0%	20 48.8%	74 50.0%	24 49.0%	22 52.4%	14 77.8%	23 71.9%	38 53.5%	18 48.6%	25 48.1%	50 46.3%
Natural gas	83 27.7%	44 27.3%	39 28.1%	40 27.0%	34 28.3%	9 28.1%	14 34.1%	37 25.0%	17 34.7%	12 28.6%	1 5.6%	4 12.5%	20 28.2%	10 27.0%	15 28.8%	34 31.5%
Propane (includes LP—liquid propane)	24 8.0%	14 8.7%	10 7.2%	15 10.1%	7 5.8%	2 6.3%	4 9.8%	16 10.8%	2 4.1%	1 2.4%	1 5.6%	2 6.3%	4 5.6%	2 5.4%	3 5.8%	13 12.0%
Wood	24 8.0%	12 7.5%	12 8.6%	13 8.8%	8 6.7%	3 9.4%	3 7.3%	12 8.1%	4 8.2%	4 9.5%	1 5.6%	3 9.4%	7 9.9%	2 5.4%	4 7.7%	8 7.4%
Solar	11 3.7%	7 4.3%	4 2.9%	8 5.4%	2 1.7%	1 3.1%	0 0.0%	6 4.1%	2 4.1%	2 4.8%	1 5.6%	0 0.0%	2 2.8%	3 8.1%	4 7.7%	2 1.9%
Wind	2 0.7%	0 0.0%	2 1.4%	0 0.0%	1 0.8%	1 3.1%	0 0.0%	1 0.7%	0 0.0%	1 2.4%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	1 1.9%	1 0.9%
Don't know	2 0.7%	2 1.2%	0 0.0%	1 0.7%	1 0.8%	0 0.0%	0 0.0%	2 1.4%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	2 5.4%	0 0.0%	0 0.0%

(continued)

BREC End-Use and Energy Efficiency Survey (December 2007)

Table 12: Is the most energy-efficient way to heat a home?

All KN respondents

	Total	Age					Type of home				Education				
		18-34	35-44	45-54	55-64	65+	Single-story	Multi-story	Mobile	Other	<HS grad	HS grad	Some college	College grad	Post college
Unweighted Base	300	19	34	79	82	79	166	71	40	23	38	129	78	33	16
Base	300	19	34	79	82	79	166	71	40	23	38	129	78	33	16
Electricity (includes geothermal and heat pump)	154 51.3%	12 63.2%	20 58.8%	49 62.0%	34 41.5%	35 44.3%	82 49.4%	30 42.3%	24 60.0%	18 78.3%	17 44.7%	70 54.3%	37 47.4%	23 69.7%	4 25.0%
Natural gas	83 27.7%	5 26.3%	9 26.5%	14 17.7%	25 30.5%	27 34.2%	52 31.3%	23 32.4%	5 12.5%	3 13.0%	13 34.2%	26 20.2%	25 32.1%	7 21.2%	9 56.3%
Propane (includes LP—liquid propane)	24 8.0%	1 5.3%	3 8.8%	3 3.8%	7 8.5%	10 12.7%	10 6.0%	7 9.9%	6 15.0%	1 4.3%	3 7.9%	16 12.4%	4 5.1%	1 3.0%	0 0.0%
Wood	24 8.0%	0 0.0%	2 5.9%	8 10.1%	8 9.8%	6 7.6%	14 8.4%	5 7.0%	4 10.0%	1 4.3%	5 13.2%	14 10.9%	5 6.4%	0 0.0%	0 0.0%
Solar	11 3.7%	1 5.3%	0 0.0%	4 5.1%	5 6.1%	1 1.3%	5 3.0%	5 7.0%	1 2.5%	0 0.0%	0 0.0%	2 1.6%	6 7.7%	1 3.0%	2 12.5%
Wind	2 0.7%	0 0.0%	0 0.0%	1 1.3%	1 1.2%	0 0.0%	1 0.6%	1 1.4%	0 0.0%	0 0.0%	0 0.0%	1 0.8%	1 1.3%	0 0.0%	0 0.0%
Don't know	2 0.7%	0 0.0%	0 0.0%	0 0.0%	2 2.4%	0 0.0%	2 1.2%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	1 3.0%	1 6.3%

(continued)

BREC End-Use and Energy Efficiency Survey (December 2007)

Table 12: Is the most energy-efficient way to heat a home?

All KN respondents

	Income						Overall Satisfaction		Age of home						Primary heating source			
	Total	< \$15K	\$15K-\$25K	\$25K-\$40K	\$40-\$75K	> \$75K	Less than satis.	Satis.	<5 yrs	5-10	11-20	21-30	31-50	50+ yrs	Elec. furn.	HP/ geoth.	NG furn.	Prop. furn.
Unweighted Base	300	25	21	53	75	62	77	223	19	46	66	62	62	45	69	48	94	49
Base	300	25	21	53	75	62	77	223	19	46	66	62	62	45	69	48	94	49
Electricity (includes geothermal and heat pump)	154 51.3%	15 60.0%	10 47.6%	26 49.1%	48 64.0%	28 45.2%	38 49.4%	116 52.0%	13 68.4%	32 69.6%	37 56.1%	27 43.5%	27 43.5%	18 40.0%	51 73.9%	38 79.2%	33 35.1%	15 30.6%
Natural gas	83 27.7%	4 16.0%	5 23.8%	12 22.6%	13 17.3%	23 37.1%	22 28.6%	61 27.4%	2 10.5%	10 21.7%	21 31.8%	16 25.8%	24 38.7%	10 22.2%	7 10.1%	4 8.3%	57 60.6%	12 24.5%
Propane (includes LP—liquid propane)	24 8.0%	2 8.0%	4 19.0%	7 13.2%	5 6.7%	2 3.2%	5 6.5%	19 8.5%	2 10.5%	3 6.5%	2 3.0%	3 4.8%	4 6.5%	10 22.2%	3 4.3%	0 0.0%	0 0.0%	15 30.6%
Wood	24 8.0%	3 12.0%	2 9.5%	5 9.4%	9 12.0%	1 1.6%	7 9.1%	17 7.6%	2 10.5%	0 0.0%	4 6.1%	7 11.3%	5 8.1%	6 13.3%	5 7.2%	2 4.2%	1 1.1%	3 6.1%
Solar	11 3.7%	0 0.0%	0 0.0%	3 5.7%	0 0.0%	7 11.3%	3 3.9%	8 3.6%	0 0.0%	1 2.2%	1 1.5%	7 11.3%	2 3.2%	0 0.0%	3 4.3%	2 4.2%	3 3.2%	2 4.1%
Wind	2 0.7%	1 4.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	1 1.3%	1 0.4%	0 0.0%	0 0.0%	0 0.0%	1 1.6%	0 0.0%	1 2.2%	0 0.0%	1 2.1%	0 0.0%	1 2.0%
Don't know	2 0.7%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	1 1.6%	1 1.3%	1 0.4%	0 0.0%	0 0.0%	1 1.5%	1 1.6%	0 0.0%	0 0.0%	0 0.0%	1 2.1%	0 0.0%	1 2.0%

BREC End-Use and Energy Efficiency Survey (December 2007)

Table 13: Who do you typically go to for advice regarding issues or concerns you might have about energy efficiency, energy use, or heating and cooling products?

All KN respondents

	Gender		Financial burden of the electric bill			Number of people in the home					Length of time served by co-op					
	Total	Male	Female	Not too much	Some	Quite a bit	1	2	3	4	5+	<5 yrs.	5-10	11-15	16-25	>25 yrs.
Unweighted Base	300	161	139	148	120	32	41	148	49	42	18	32	71	37	52	108
Base	300	161	139	148	120	32	41	148	49	42	18	32	71	37	52	108
Electric cooperative/RECC magazine	95 31.7%	44 27.3%	51 36.7%	37 25.0%	41 34.2%	17 53.1%	15 36.6%	47 31.8%	12 24.5%	14 33.3%	7 38.9%	13 40.6%	22 31.0%	7 18.9%	15 28.8%	38 35.2%
Heating or air conditioning equipment contractor/HVAC contractor/HVAC repairman	92 30.7%	56 34.8%	36 25.9%	49 33.1%	37 30.8%	6 18.8%	12 29.3%	50 33.8%	13 26.5%	15 35.7%	2 11.1%	5 15.6%	20 28.2%	12 32.4%	21 40.4%	34 31.5%
A friend or family member/myself	50 16.7%	18 11.2%	32 23.0%	26 17.6%	21 17.5%	3 9.4%	9 22.0%	20 13.5%	13 26.5%	6 14.3%	2 11.1%	4 12.5%	14 19.7%	7 18.9%	10 19.2%	15 13.9%
The Internet	36 12.0%	21 13.0%	15 10.8%	26 17.6%	8 6.7%	2 6.3%	1 2.4%	16 10.8%	4 8.2%	8 19.0%	6 33.3%	8 25.0%	9 12.7%	8 21.6%	8 15.4%	3 2.8%
A locally owned appliance/equipment dealer	26 8.7%	19 11.8%	7 5.0%	16 10.8%	9 7.5%	1 3.1%	1 2.4%	15 10.1%	4 8.2%	4 9.5%	2 11.1%	1 3.1%	5 7.0%	3 8.1%	3 5.8%	14 13.0%
Gas company	12 4.0%	9 5.6%	3 2.2%	4 2.7%	6 5.0%	2 6.3%	3 7.3%	6 4.1%	2 4.1%	1 2.4%	0 0.0%	0 0.0%	1 1.4%	1 2.7%	3 5.8%	7 6.5%
A national chain store that sells appliances, such as Lowe's, Home Depot, Sears, etc.	12 4.0%	8 5.0%	4 2.9%	6 4.1%	3 2.5%	3 9.4%	4 9.8%	7 4.7%	1 2.0%	0 0.0%	0 0.0%	3 9.4%	2 2.8%	1 2.7%	2 3.8%	4 3.7%
Building contractor/general contractor/builder	5 1.7%	1 0.6%	4 2.9%	2 1.4%	2 1.7%	1 3.1%	0 0.0%	2 1.4%	2 4.1%	1 2.4%	0 0.0%	0 0.0%	1 1.4%	1 2.7%	2 3.8%	1 0.9%
Consumers Report	5 1.7%	3 1.9%	2 1.4%	3 2.0%	1 0.8%	1 3.1%	1 2.4%	3 2.0%	0 0.0%	1 2.4%	0 0.0%	1 3.1%	1 1.4%	1 2.7%	1 1.9%	1 0.9%

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BREC End-Use and Energy Efficiency Survey (December 2007)

Table 13: Who do you typically go to for advice regarding issues or concerns you might have about energy efficiency, energy use, or heating and cooling products?

(continued)
All KN respondents

	Gender		Financial burden of the electric bill			Number of people in the home					Length of time served by co-op						
	Total	Male	Female	Not too much	Some	Quite a bit	1	2	3	4	5+	<5 yrs.	5-10	11-15	16-25	>25 yrs.	
Unweighted Base	300	161	139	148	120	32	41	148	49	42	18	32	71	37	52	108	
Base	300	161	139	148	120	32	41	148	49	42	18	32	71	37	52	108	
Phonebook/magazines/brochure s/various books/newspaper	4 1.3%	3 1.9%	1 0.7%	1 0.7%	2 1.7%	1 3.1%	0 0.0%	1 0.7%	3 6.1%	0 0.0%	0 0.0%	0 0.0%	1 1.4%	2 5.4%	0 0.0%	1 0.9%	
Electrician	3 1.0%	1 0.6%	2 1.4%	1 0.7%	1 0.8%	1 3.1%	1 2.4%	1 0.7%	1 2.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	2 3.8%	1 0.9%
Plumbing company	2 0.7%	1 0.6%	1 0.7%	2 1.4%	0 0.0%	0 0.0%	1 2.4%	0 0.0%	1 2.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	2 1.9%
Electric utility—not a co-op	2 0.7%	2 1.2%	0 0.0%	1 0.7%	1 0.8%	0 0.0%	0 0.0%	1 0.7%	1 2.0%	0 0.0%	0 0.0%	1 3.1%	1 1.4%	0 0.0%	0 0.0%	0 0.0%	
Appliance label/Energy Star	1 0.3%	0 0.0%	1 0.7%	1 0.7%	0 0.0%	0 0.0%	1 2.4%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	1 0.9%	
Mobile home dealer	1 0.3%	1 0.6%	0 0.0%	1 0.7%	0 0.0%	0 0.0%	0 0.0%	1 0.7%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	1 1.4%	0 0.0%	0 0.0%	0 0.0%	
Library	1 0.3%	1 0.6%	0 0.0%	1 0.7%	0 0.0%	0 0.0%	0 0.0%	1 0.7%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	1 0.9%	
Window company	1 0.3%	1 0.6%	0 0.0%	1 0.7%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	1 2.4%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	1 0.9%	
Don't know	5 1.7%	2 1.2%	3 2.2%	2 1.4%	2 1.7%	1 3.1%	1 2.4%	2 1.4%	0 0.0%	1 2.4%	0 0.0%	0 0.0%	3 4.2%	0 0.0%	0 0.0%	2 1.9%	

(continued)

BREC End-Use and Energy Efficiency Survey (December 2007)

Table 13: Who do you typically go to for advice regarding issues or concerns you might have about energy efficiency, energy use, or heating and cooling products?

All KN respondents

	Total	Age					Type of home				Education				
		18-34	35-44	45-54	55-64	65+	Single-story	Multi-story	Mobile	Other	<HS grad	HS grad	Some college	College grad	Post college
Unweighted Base	300	19	34	79	82	79	166	71	40	23	38	129	78	33	16
Base	300	19	34	79	82	79	166	71	40	23	38	129	78	33	16
Electric cooperative/RECC magazine	95 31.7%	3 15.8%	5 14.7%	27 34.2%	23 28.0%	37 46.8%	54 32.5%	17 23.9%	18 45.0%	6 26.1%	17 44.7%	45 34.9%	22 28.2%	7 21.2%	3 18.8%
Heating or air conditioning equipment contractor/HVAC contractor/HVAC repairman	92 30.7%	8 42.1%	14 41.2%	28 35.4%	22 26.8%	20 25.3%	52 31.3%	25 35.2%	9 22.5%	6 26.1%	5 13.2%	40 31.0%	30 38.5%	11 33.3%	6 37.5%
A friend or family member/myself	50 16.7%	3 15.8%	9 26.5%	14 17.7%	11 13.4%	13 16.5%	25 15.1%	15 21.1%	6 15.0%	4 17.4%	7 18.4%	23 17.8%	13 16.7%	5 15.2%	2 12.5%
The Internet	36 12.0%	4 21.1%	10 29.4%	7 8.9%	13 15.9%	1 1.3%	17 10.2%	12 16.9%	3 7.5%	4 17.4%	0 0.0%	7 5.4%	13 16.7%	12 36.4%	3 18.8%
A locally owned appliance/equipment dealer	26 8.7%	3 15.8%	0 0.0%	5 6.3%	10 12.2%	6 7.6%	17 10.2%	5 7.0%	2 5.0%	2 8.7%	3 7.9%	14 10.9%	5 6.4%	2 6.1%	0 0.0%
Gas company	12 4.0%	0 0.0%	0 0.0%	2 2.5%	2 2.4%	8 10.1%	8 4.8%	3 4.2%	0 0.0%	1 4.3%	4 10.5%	5 3.9%	3 3.8%	0 0.0%	0 0.0%
A national chain store that sells appliances, such as Lowe's, Home Depot, Sears, etc.	12 4.0%	0 0.0%	0 0.0%	6 7.6%	4 4.9%	1 1.3%	6 3.6%	0 0.0%	4 10.0%	2 8.7%	3 7.9%	7 5.4%	1 1.3%	1 3.0%	0 0.0%
Building contractor/general contractor/builder	5 1.7%	0 0.0%	1 2.9%	2 2.5%	2 2.4%	0 0.0%	4 2.4%	0 0.0%	0 0.0%	1 4.3%	1 2.6%	1 0.8%	2 2.6%	0 0.0%	1 6.3%
Consumers Report	5 1.7%	0 0.0%	0 0.0%	2 2.5%	1 1.2%	2 2.5%	3 1.8%	2 2.8%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	3 3.8%	1 3.0%	1 6.3%
Phonebook/magazines/brochure s/various books/newspaper	4 1.3%	0 0.0%	0 0.0%	1 1.3%	1 1.2%	1 1.3%	1 0.6%	3 4.2%	0 0.0%	0 0.0%	1 2.6%	1 0.8%	2 2.6%	0 0.0%	0 0.0%

(continued)

BREC End-Use and Energy Efficiency Survey (December 2007)

Table 13: Who do you typically go to for advice regarding issues or concerns you might have about energy efficiency, energy use, or heating and cooling products?

(continued)

All KN respondents

	Total	Age					Type of home				Education				
		18-34	35-44	45-54	55-64	65+	Single-story	Multi-story	Mobile	Other	<HS grad	HS grad	Some college	College grad	Post college
Unweighted Base	300	19	34	79	82	79	166	71	40	23	38	129	78	33	16
Base	300	19	34	79	82	79	166	71	40	23	38	129	78	33	16
Electrician	3 1.0%	0 0.0%	0 0.0%	1 1.3%	1 1.2%	1 1.3%	2 1.2%	0 0.0%	1 2.5%	0 0.0%	1 2.6%	1 0.8%	0 0.0%	1 3.0%	0 0.0%
Plumbing company	2 0.7%	0 0.0%	0 0.0%	0 0.0%	1 1.2%	1 1.3%	2 1.2%	0 0.0%	0 0.0%	0 0.0%	1 2.6%	1 0.8%	0 0.0%	0 0.0%	0 0.0%
Electric utility—not a co-op	2 0.7%	0 0.0%	1 2.9%	0 0.0%	0 0.0%	1 1.3%	1 0.6%	0 0.0%	1 2.5%	0 0.0%	1 2.6%	1 0.8%	0 0.0%	0 0.0%	0 0.0%
Appliance label/Energy Star	1 0.3%	0 0.0%	0 0.0%	0 0.0%	1 1.2%	0 0.0%	1 0.6%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	1 0.8%	0 0.0%	0 0.0%	0 0.0%
Mobile home dealer	1 0.3%	0 0.0%	1 2.9%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	1 2.5%	0 0.0%	0 0.0%	1 0.8%	0 0.0%	0 0.0%	0 0.0%
Library	1 0.3%	0 0.0%	0 0.0%	0 0.0%	1 1.2%	0 0.0%	1 0.6%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	1 0.8%	0 0.0%	0 0.0%	0 0.0%
Window company	1 0.3%	0 0.0%	0 0.0%	0 0.0%	1 1.2%	0 0.0%	1 0.6%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	1 1.3%	0 0.0%	0 0.0%
Don't know	5 1.7%	0 0.0%	1 2.9%	0 0.0%	2 2.4%	0 0.0%	5 3.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	2 1.6%	0 0.0%	0 0.0%	1 6.3%

(continued)

BREC End-Use and Energy Efficiency Survey (December 2007)

Table 13: Who do you typically go to for advice regarding issues or concerns you might have about energy efficiency, energy use, or heating and cooling products?

All KN respondents

	Total	Income					Overall Satisfaction		Age of home						Primary heating source			
		< \$15K	\$15K-\$25K	\$25K-\$40K	\$40-\$75K	> \$75K	Less than satis.	Satis.	<5 yrs	5-10	11-20	21-30	31-50	50+ yrs	Elec. furn.	HP/ geoth.	NG furn.	Prop. furn.
Unweighted Base	300	25	21	53	75	62	77	223	19	46	66	62	62	45	69	48	94	49
Base	300	25	21	53	75	62	77	223	19	46	66	62	62	45	69	48	94	49
Electric cooperative/RECC magazine	95 31.7%	11 44.0%	13 61.9%	18 34.0%	20 26.7%	14 22.6%	19 24.7%	76 34.1%	6 31.6%	15 32.6%	15 22.7%	25 40.3%	24 38.7%	10 22.2%	25 36.2%	15 31.3%	22 23.4%	16 32.7%
Heating or air conditioning equipment contractor/HVAC contractor/HVAC repairman	92 30.7%	7 28.0%	2 9.5%	12 22.6%	26 34.7%	23 37.1%	21 27.3%	71 31.8%	6 31.6%	18 39.1%	22 33.3%	13 21.0%	21 33.9%	12 26.7%	18 26.1%	11 22.9%	36 38.3%	19 38.8%
A friend or family member/myself	50 16.7%	5 20.0%	5 23.8%	12 22.6%	11 14.7%	8 12.9%	14 18.2%	36 16.1%	2 10.5%	6 13.0%	16 24.2%	11 17.7%	3 4.8%	12 26.7%	12 17.4%	8 16.7%	15 16.0%	7 14.3%
The Internet	36 12.0%	0 0.0%	0 0.0%	5 9.4%	11 14.7%	13 21.0%	14 18.2%	22 9.9%	4 21.1%	7 15.2%	8 12.1%	7 11.3%	7 11.3%	3 6.7%	8 11.6%	5 10.4%	18 19.1%	3 6.1%
A locally owned appliance/equipment dealer	26 8.7%	2 8.0%	2 9.5%	5 9.4%	6 8.0%	6 9.7%	7 9.1%	19 8.5%	2 10.5%	1 2.2%	6 9.1%	2 3.2%	7 11.3%	8 17.8%	8 11.6%	6 12.5%	4 4.3%	4 8.2%
Gas company	12 4.0%	0 0.0%	0 0.0%	4 7.5%	1 1.3%	2 3.2%	0 0.0%	12 5.4%	1 5.3%	1 2.2%	1 1.5%	3 4.8%	2 3.2%	4 8.9%	0 0.0%	0 0.0%	10 10.6%	1 2.0%
A national chain store that sells appliances, such as Lowe's, Home Depot, Sears, etc.	12 4.0%	3 12.0%	0 0.0%	2 3.8%	4 5.3%	0 0.0%	3 3.9%	9 4.0%	1 5.3%	1 2.2%	3 4.5%	6 9.7%	1 1.6%	0 0.0%	5 7.2%	1 2.1%	0 0.0%	1 2.0%
Building contractor/general contractor/builder	5 1.7%	0 0.0%	1 4.8%	0 0.0%	2 2.7%	1 1.6%	2 2.6%	3 1.3%	0 0.0%	2 4.3%	1 1.5%	1 1.6%	1 1.6%	0 0.0%	0 0.0%	2 4.2%	3 3.2%	0 0.0%
Consumers Report	5 1.7%	0 0.0%	0 0.0%	0 0.0%	2 2.7%	2 3.2%	1 1.3%	4 1.8%	2 10.5%	0 0.0%	2 3.0%	1 1.6%	0 0.0%	0 0.0%	0 0.0%	3 6.3%	2 2.1%	0 0.0%

(continued)

BREC End-Use and Energy Efficiency Survey (December 2007)

Table 13: Who do you typically go to for advice regarding issues or concerns you might have about energy efficiency, energy use, or heating and cooling products?

(continued)
All KN respondents

	Total	Income					Overall Satisfaction		Age of home						Primary heating source			
		< \$15K	\$15K-\$25K	\$25K-\$40K	\$40-\$75K	> \$75K	Less than satis.	Satis.	<5 yrs	5-10	11-20	21-30	31-50	50+ yrs	Elec. furn.	HP/ geoth.	NG furn.	Prop. furn.
Unweighted Base	300	25	21	53	75	62	77	223	19	46	66	62	62	45	69	48	94	49
Base	300	25	21	53	75	62	77	223	19	46	66	62	62	45	69	48	94	49
Phonebook/magazines/brochure s/various books/newspaper	4 1.3%	0 0.0%	0 0.0%	0 0.0%	3 4.0%	0 0.0%	1 1.3%	3 1.3%	0 0.0%	0 0.0%	2 3.0%	2 3.2%	0 0.0%	0 0.0%	1 1.4%	1 2.1%	2 2.1%	0 0.0%
Electrician	3 1.0%	0 0.0%	0 0.0%	1 1.9%	0 0.0%	1 1.6%	2 2.6%	1 0.4%	0 0.0%	0 0.0%	1 1.5%	0 0.0%	2 3.2%	0 0.0%	1 1.4%	1 2.1%	1 1.1%	0 0.0%
Plumbing company	2 0.7%	0 0.0%	0 0.0%	1 1.9%	0 0.0%	0 0.0%	0 0.0%	2 0.9%	0 0.0%	0 0.0%	1 1.5%	0 0.0%	1 1.6%	0 0.0%	0 0.0%	0 0.0%	1 1.1%	0 0.0%
Electric utility—not a co-op	2 0.7%	0 0.0%	0 0.0%	1 1.9%	1 1.3%	0 0.0%	1 1.3%	1 0.4%	0 0.0%	0 0.0%	1 1.5%	1 1.6%	0 0.0%	0 0.0%	1 1.4%	0 0.0%	1 1.1%	0 0.0%
Appliance label/Energy Star	1 0.3%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	1 0.4%	0 0.0%	0 0.0%	0 0.0%	1 1.6%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	1 2.0%
Mobile home dealer	1 0.3%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	1 1.3%	0 0.0%	1 5.3%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	1 1.4%	0 0.0%	0 0.0%	0 0.0%
Library	1 0.3%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	1 0.4%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	1 1.6%	0 0.0%	0 0.0%	0 0.0%	1 1.1%	0 0.0%
Window company	1 0.3%	0 0.0%	0 0.0%	1 1.9%	0 0.0%	0 0.0%	0 0.0%	1 0.4%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	1 1.6%	0 0.0%	0 0.0%	1 2.1%	0 0.0%	0 0.0%
Don't know	5 1.7%	0 0.0%	0 0.0%	1 1.9%	0 0.0%	1 1.6%	3 3.9%	2 0.9%	0 0.0%	0 0.0%	1 1.5%	1 1.6%	1 1.6%	2 4.4%	0 0.0%	1 2.1%	2 2.1%	2 4.1%

BREC End-Use and Energy Efficiency Survey (December 2007)

Table 14: On a scale of 1-10, with 10 being "very important" and 1 being "not important at all," what level of importance does your household place on saving energy dollars in your home?

All KN respondents

	Gender		Financial burden of the electric bill			Number of people in the home					Length of time served by co-op					
	Total	Male	Female	Not too much	Some	Quite a bit	1	2	3	4	5+	<5 yrs.	5-10	11-15	16-25	>25 yrs.
Unweighted Base	300	161	139	148	120	32	41	148	49	42	18	32	71	37	52	108
Base	300	161	139	148	120	32	41	148	49	42	18	32	71	37	52	108
<u>Less than important</u>	117	64	53	61	49	7	7	61	22	18	8	13	31	15	20	38
	39.1%	40.0%	38.1%	41.2%	41.2%	21.9%	17.1%	41.2%	44.9%	43.9%	44.4%	40.6%	44.3%	40.5%	38.5%	35.2%
2	1	0	1	1	0	0	0	1	0	0	0	0	0	0	1	0
	0.3%	0.0%	0.7%	0.7%	0.0%	0.0%	0.0%	0.7%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	1.9%	0.0%
															++	
4	1	1	0	1	0	0	0	0	0	1	0	0	0	1	0	0
	0.3%	0.6%	0.0%	0.7%	0.0%	0.0%	0.0%	0.0%	0.0%	2.4%	0.0%	0.0%	0.0%	2.7%	0.0%	0.0%
										++				+++		
5	13	8	5	8	5	0	0	6	5	2	0	3	3	2	2	3
	4.3%	5.0%	3.6%	5.4%	4.2%	0.0%	0.0%	4.1%	10.2%	4.9%	0.0%	9.4%	4.3%	5.4%	3.8%	2.8%
									++							
6	16	8	8	8	7	1	3	7	3	2	0	0	5	2	2	7
	5.4%	5.0%	5.8%	5.4%	5.9%	3.1%	7.3%	4.7%	6.1%	4.9%	0.0%	0.0%	7.1%	5.4%	3.8%	6.5%
7	21	14	7	15	5	1	0	11	4	4	2	2	8	4	3	4
	7.0%	8.8%	5.0%	10.1%	4.2%	3.1%	0.0%	7.4%	8.2%	9.8%	11.1%	6.3%	11.4%	10.8%	5.8%	3.7%
				++									+			-
8	65	33	32	28	32	5	4	36	10	9	6	8	15	6	12	24
	21.7%	20.6%	23.0%	18.9%	26.9%	15.6%	9.8%	24.3%	20.4%	22.0%	33.3%	25.0%	21.4%	16.2%	23.1%	22.2%
				+												
<u>Important</u>	182	96	86	87	70	25	34	87	27	23	10	19	39	22	32	70
	60.9%	60.0%	61.9%	58.8%	58.8%	78.1%	82.9%	58.8%	55.1%	56.1%	55.6%	59.4%	55.7%	59.5%	61.5%	64.8%
						++	+++									
9	34	24	10	15	15	4	2	24	5	2	1	5	7	5	2	15
	11.4%	15.0%	7.2%	10.1%	12.6%	12.5%	4.9%	16.2%	10.2%	4.9%	5.6%	15.6%	10.0%	13.5%	3.8%	13.9%
		++	--					+++								-

(continued)

BREC End-Use and Energy Efficiency Survey (December 2007)

Table 14: On a scale of 1-10, with 10 being "very important" and 1 being "not important at all," what level of importance does your household place on saving energy dollars in your home?

(continued)
All KN respondents

	Gender		Financial burden of the electric bill			Number of people in the home					Length of time served by co-op					
	Total	Male	Female	Not too much	Some	Quite a bit	1	2	3	4	5+	<5 yrs.	5-10	11-15	16-25	>25 yrs.
Unweighted Base	300	161	139	148	120	32	41	148	49	42	18	32	71	37	52	108
Base	300	161	139	148	120	32	41	148	49	42	18	32	71	37	52	108
10—very important	148 49.5%	72 45.0%	76 54.7%	72 48.6%	55 46.2%	21 65.6%	32 78.0%	63 42.6%	22 44.9%	21 51.2%	9 50.0%	14 43.8%	32 45.7%	17 45.9%	30 57.7%	55 50.9%
No Response	1	1	0	0	1	0	0	0	0	1	0	0	1	0	0	0
Chi Square		9.49 .220		13.16 .514				38.36 .092					27.53 .490			

(continued)

BREC End-Use and Energy Efficiency Survey (December 2007)

Table 14: On a scale of 1-10, with 10 being "very important" and 1 being "not important at all," what level of importance does your household place on saving energy dollars in your home?

All KN respondents

	Age						Type of home				Education				
	Total	18-34	35-44	45-54	55-64	65+	Single-story	Multi-story	Mobile	Other	<HS grad	HS grad	Some college	College grad	Post college
Unweighted Base	300	19	34	79	82	79	166	71	40	23	38	129	78	33	16
Base	300	19	34	79	82	79	166	71	40	23	38	129	78	33	16
<u>Less than important</u>	117	10	16	34	29	24	64	30	13	10	12	49	33	11	8
	39.1%	52.6%	48.5%	43.0%	35.4%	30.4%	38.6%	42.3%	32.5%	45.5%	31.6%	38.3%	42.3%	33.3%	50.0%
2	1	0	0	0	0	1	0	1	0	0	0	1	0	0	0
	0.3%	0.0%	0.0%	0.0%	0.0%	1.3%	0.0%	1.4%	0.0%	0.0%	0.0%	0.8%	0.0%	0.0%	0.0%
4	1	0	0	1	0	0	1	0	0	0	0	0	0	1	0
	0.3%	0.0%	0.0%	1.3%	0.0%	0.0%	0.6%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	3.0%	0.0%
5	13	2	2	3	3	2	7	5	1	0	1	5	2	3	1
	4.3%	10.5%	6.1%	3.8%	3.7%	2.5%	4.2%	7.0%	2.5%	0.0%	2.6%	3.9%	2.6%	9.1%	6.3%
6	16	2	2	3	4	4	10	5	1	0	3	7	3	0	2
	5.4%	10.5%	6.1%	3.8%	4.9%	5.1%	6.0%	7.0%	2.5%	0.0%	7.9%	5.5%	3.8%	0.0%	12.5%
7	21	3	5	9	1	3	10	5	5	1	0	10	6	3	1
	7.0%	15.8%	15.2%	11.4%	1.2%	3.8%	6.0%	7.0%	12.5%	4.5%	0.0%	7.8%	7.7%	9.1%	6.3%
8	65	3	7	18	21	14	36	14	6	9	8	26	22	4	4
	21.7%	15.8%	21.2%	22.8%	25.6%	17.7%	21.7%	19.7%	15.0%	40.9%	21.1%	20.3%	28.2%	12.1%	25.0%
<u>Important</u>	182	9	17	45	53	55	102	41	27	12	26	79	45	22	8
	60.9%	47.4%	51.5%	57.0%	64.6%	69.6%	61.4%	57.7%	67.5%	54.5%	68.4%	61.7%	57.7%	66.7%	50.0%
9	34	2	3	3	15	11	21	5	5	3	4	16	7	5	2
	11.4%	10.5%	9.1%	3.8%	18.3%	13.9%	12.7%	7.0%	12.5%	13.6%	10.5%	12.5%	9.0%	15.2%	12.5%

(continued)

BREC End-Use and Energy Efficiency Survey (December 2007)

Table 14: On a scale of 1-10, with 10 being "very important" and 1 being "not important at all," what level of importance does your household place on saving energy dollars in your home?

(continued)
All KN respondents

	Age						Type of home				Education				
	Total	18-34	35-44	45-54	55-64	65+	Single-story	Multi-story	Mobile	Other	<HS grad	HS grad	Some college	College grad	Post college
Unweighted Base	300	19	34	79	82	79	166	71	40	23	38	129	78	33	16
Base	300	19	34	79	82	79	166	71	40	23	38	129	78	33	16
10—very important	148 49.5%	7 36.8%	14 42.4%	42 53.2%	38 46.3%	44 55.7%	81 48.8%	36 50.7%	22 55.0%	9 40.9%	22 57.9%	63 49.2%	38 48.7%	17 51.5%	6 37.5%
No Response	1	0	1	0	0	0	0	0	0	1	0	1	0	0	0
Chi Square				32.98 .236				17.77 .664					24.46 .657		

(continued)

BREC End-Use and Energy Efficiency Survey (December 2007)

Table 14: On a scale of 1-10, with 10 being "very important" and 1 being "not important at all," what level of importance does your household place on saving energy dollars in your home?

All KN respondents

	Total	Income					Overall Satisfaction		Age of home						Primary heating source			
		< \$15K	\$15K- \$25K	\$25K- \$40K	\$40- \$75K	> \$75K	Less than satis.	Satis.	<5 yrs	5-10	11-20	21-30	31-50	50+ yrs	Elec. furn.	HP/ geoth.	NG furn.	Prop. furn.
Unweighted Base	300	25	21	53	75	62	77	223	19	46	66	62	62	45	69	48	94	49
Base	300	25	21	53	75	62	77	223	19	46	66	62	62	45	69	48	94	49
<u>Less than important</u>	117	4	6	23	35	29	34	83	8	21	25	24	19	20	34	19	38	17
	39.1%	16.0%	28.6%	44.2%	46.7%	46.8%	44.2%	37.4%	42.1%	45.7%	38.5%	38.7%	30.6%	44.4%	50.0%	39.6%	40.4%	34.7%
2	1	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	1	0
	0.3%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.5%	5.3%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	1.1%	0.0%
4	1	0	0	0	1	0	0	1	0	0	0	1	0	0	0	0	1	0
	0.3%	0.0%	0.0%	0.0%	1.3%	0.0%	0.0%	0.5%	0.0%	0.0%	0.0%	1.6%	0.0%	0.0%	0.0%	0.0%	1.1%	0.0%
5	13	0	0	3	5	3	4	9	0	2	6	0	3	2	5	2	4	2
	4.3%	0.0%	0.0%	5.8%	6.7%	4.8%	5.2%	4.1%	0.0%	4.3%	9.2%	0.0%	4.8%	4.4%	7.4%	4.2%	4.3%	4.1%
6	16	1	2	3	3	2	6	10	0	1	2	4	3	6	3	1	6	3
	5.4%	4.0%	9.5%	5.8%	4.0%	3.2%	7.8%	4.5%	0.0%	2.2%	3.1%	6.5%	4.8%	13.3%	4.4%	2.1%	6.4%	6.1%
7	21	0	0	3	3	10	9	12	3	5	4	5	4	0	11	2	7	1
	7.0%	0.0%	0.0%	5.8%	4.0%	16.1%	11.7%	5.4%	15.8%	10.9%	6.2%	8.1%	6.5%	0.0%	16.2%	4.2%	7.4%	2.0%
8	65	3	4	14	23	14	15	50	4	13	13	14	9	12	15	14	19	11
	21.7%	12.0%	19.0%	26.9%	30.7%	22.6%	19.5%	22.5%	21.1%	28.3%	20.0%	22.6%	14.5%	26.7%	22.1%	29.2%	20.2%	22.4%
<u>Important</u>	182	21	15	29	40	33	43	139	11	25	40	38	43	25	34	29	56	32
	60.9%	84.0%	71.4%	55.8%	53.3%	53.2%	55.8%	62.6%	57.9%	54.3%	61.5%	61.3%	69.4%	55.6%	50.0%	60.4%	59.6%	65.3%

(continued)

BREC End-Use and Energy Efficiency Survey (December 2007)

Table 14: On a scale of 1-10, with 10 being "very important" and 1 being "not important at all," what level of importance does your household place on saving energy dollars in your home?

(continued)
All KN respondents

	Income					Overall Satisfaction		Age of home					Primary heating source					
	Total	< \$15K	\$15K-\$25K	\$25K-\$40K	\$40-\$75K	> \$75K	Less than satis.	Satis.	<5 yrs	5-10	11-20	21-30	31-50	50+ yrs	Elec. furn.	HP/ geoth.	NG furn.	Prop. furn.
Unweighted Base	300	25	21	53	75	62	77	223	19	46	66	62	62	45	69	48	94	49
Base	300	25	21	53	75	62	77	223	19	46	66	62	62	45	69	48	94	49
9	34	1	4	3	10	8	10	24	3	4	12	5	8	2	5	4	11	9
	11.4%	4.0%	19.0%	5.8%	13.3%	12.9%	13.0%	10.8%	15.8%	8.7%	18.5%	8.1%	12.9%	4.4%	7.4%	8.3%	11.7%	18.4%
10—very important	148	20	11	26	30	25	33	115	8	21	28	33	35	23	29	25	45	23
	49.5%	80.0%	52.4%	50.0%	40.0%	40.3%	42.9%	51.8%	42.1%	45.7%	43.1%	53.2%	56.5%	51.1%	42.6%	52.1%	47.9%	46.9%
No Response	1	0	0	1	0	0	0	1	0	0	1	0	0	0	1	0	0	0
Chi Square				33.28			6.64				50.93					19.73		
				.226			.467				.040					.538		

BREC End-Use and Energy Efficiency Survey (December 2007)

Table 15: There are lots of ways in which people can reduce energy consumption in their homes. Please list for me all of the things you have done to make your home more energy-efficient or things that you actively do to conserve energy, if any.

All KN respondents

	Gender		Financial burden of the electric bill			Number of people in the home					Length of time served by co-op					
	Total	Male	Female	Not too much	Some	Quite a bit	1	2	3	4	5+	<5 yrs.	5-10	11-15	16-25	>25 yrs.
Unweighted Base	300	161	139	148	120	32	41	148	49	42	18	32	71	37	52	108
Base	300	161	139	148	120	32	41	148	49	42	18	32	71	37	52	108
<u>Weatherizing, Sealing, and Insulating of Home</u>	212	112	100	108	85	19	28	107	36	30	11	21	51	25	38	77
	70.7%	69.6%	71.9%	73.0%	70.8%	59.4%	68.3%	72.3%	73.5%	71.4%	61.1%	65.6%	71.8%	67.6%	73.1%	71.3%
Added insulation to the home	150	88	62	77	60	13	18	81	26	19	6	12	37	17	26	58
	50.0%	54.7%	44.6%	52.0%	50.0%	40.6%	43.9%	54.7%	53.1%	45.2%	33.3%	37.5%	52.1%	45.9%	50.0%	53.7%
Sealed doors and/or windows—caulking, weatherstripping, plastic film, threshold	88	42	46	39	39	10	14	46	12	12	4	12	20	9	20	27
	29.3%	26.1%	33.1%	26.4%	32.5%	31.3%	34.1%	31.1%	24.5%	28.6%	22.2%	37.5%	28.2%	24.3%	38.5%	25.0%
Checked exterior of home for air leaks (dryer vents, water spigots, gas pipes, etc.)	15	8	7	9	5	1	1	5	3	5	1	1	2	4	2	6
	5.0%	5.0%	5.0%	6.1%	4.2%	3.1%	2.4%	3.4%	6.1%	11.9%	5.6%	3.1%	2.8%	10.8%	3.8%	5.6%
Added Masonite siding/new siding	7	4	3	5	2	0	0	5	1	1	0	0	1	2	0	4
	2.3%	2.5%	2.2%	3.4%	1.7%	0.0%	0.0%	3.4%	2.0%	2.4%	0.0%	0.0%	1.4%	5.4%	0.0%	3.7%
Placed foam gaskets behind outlets and switch plates	3	2	1	2	1	0	0	2	0	1	0	0	1	0	0	2
	1.0%	1.2%	0.7%	1.4%	0.8%	0.0%	0.0%	1.4%	0.0%	2.4%	0.0%	0.0%	1.4%	0.0%	0.0%	1.9%
Put 12-inch blocks in the basement/permanent concrete blocks	2	1	1	1	1	0	0	1	0	1	0	1	1	0	0	0
	0.7%	0.6%	0.7%	0.7%	0.8%	0.0%	0.0%	0.7%	0.0%	2.4%	0.0%	3.1%	1.4%	0.0%	0.0%	0.0%
Added underpinning	2	1	1	1	0	1	0	2	0	0	0	0	1	1	0	0
	0.7%	0.6%	0.7%	0.7%	0.0%	3.1%	0.0%	1.4%	0.0%	0.0%	0.0%	0.0%	1.4%	2.7%	0.0%	0.0%
Keep outside vents closed	1	1	0	1	0	0	0	1	0	0	0	0	1	0	0	0
	0.3%	0.6%	0.0%	0.7%	0.0%	0.0%	0.0%	0.7%	0.0%	0.0%	0.0%	0.0%	1.4%	0.0%	0.0%	0.0%
Thermal barrier underneath new hardwood floors	1	1	0	1	0	0	0	0	0	0	1	0	1	0	0	0
	0.3%	0.6%	0.0%	0.7%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	5.6%	0.0%	1.4%	0.0%	0.0%	0.0%

(continued)

BREC End-Use and Energy Efficiency Survey (December 2007)

Table 15: There are lots of ways in which people can reduce energy consumption in their homes. Please list for me all of the things you have done to make your home more energy-efficient or things that you actively do to conserve energy, if any.

(continued)
All KN respondents

	Gender		Financial burden of the electric bill			Number of people in the home					Length of time served by co-op					
	Total	Male	Female	Not too much	Some	Quite a bit	1	2	3	4	5+	<5 yrs.	5-10	11-15	16-25	>25 yrs.
Unweighted Base	300	161	139	148	120	32	41	148	49	42	18	32	71	37	52	108
Base	300	161	139	148	120	32	41	148	49	42	18	32	71	37	52	108
<u>Thermostat and Heating & Cooling</u>	167	91	76	81	66	20	22	78	31	23	12	21	35	23	28	60
	55.7%	56.5%	54.7%	54.7%	55.0%	62.5%	53.7%	52.7%	63.3%	54.8%	66.7%	65.6%	49.3%	62.2%	53.8%	55.6%
Keep thermostat set low in winter/high in summer and/or avoid early use of heat or air	82	44	38	44	27	11	11	37	19	13	2	7	16	15	14	30
	27.3%	27.3%	27.3%	29.7%	22.5%	34.4%	26.8%	25.0%	38.8%	31.0%	11.1%	21.9%	22.5%	40.5%	26.9%	27.8%
Adjust thermostat when going on vacation/not home/at night	34	15	19	15	16	3	5	17	5	3	3	7	11	0	4	12
	11.3%	9.3%	13.7%	10.1%	13.3%	9.4%	12.2%	11.5%	10.2%	7.1%	16.7%	21.9%	15.5%	0.0%	7.7%	11.1%
Close off heat & air to unused parts of the home/close doors to rooms not in use	18	6	12	11	7	0	3	5	6	3	1	2	3	0	4	9
	6.0%	3.7%	8.6%	7.4%	5.8%	0.0%	7.3%	3.4%	12.2%	7.1%	5.6%	6.3%	4.2%	0.0%	7.7%	8.3%
Installed a programmable thermostat	17	8	9	8	5	4	3	6	3	2	3	0	5	5	5	2
	5.7%	5.0%	6.5%	5.4%	4.2%	12.5%	7.3%	4.1%	6.1%	4.8%	16.7%	0.0%	7.0%	13.5%	9.6%	1.9%
Change/clean furnace filters frequently	17	13	4	10	5	2	0	10	2	3	2	6	5	2	1	3
	5.7%	8.1%	2.9%	6.8%	4.2%	6.3%	0.0%	6.8%	4.1%	7.1%	11.1%	18.8%	7.0%	5.4%	1.9%	2.8%
Put shades on windows/keep blinds closed/curtains on windows	13	9	4	6	5	2	0	9	2	1	1	0	2	3	2	6
	4.3%	5.6%	2.9%	4.1%	4.2%	6.3%	0.0%	6.1%	4.1%	2.4%	5.6%	0.0%	2.8%	8.1%	3.8%	5.6%
Heat with wood	9	6	3	3	5	1	1	3	2	1	2	1	2	2	1	3
	3.0%	3.7%	2.2%	2.0%	4.2%	3.1%	2.4%	2.0%	4.1%	2.4%	11.1%	3.1%	2.8%	5.4%	1.9%	2.8%
Keep thermostat steady	8	4	4	1	5	2	2	2	2	2	0	1	2	0	1	4
	2.7%	2.5%	2.9%	0.7%	4.2%	6.3%	4.9%	1.4%	4.1%	4.8%	0.0%	3.1%	2.8%	0.0%	1.9%	3.7%
Space heater in basement/added space heaters	7	5	2	4	1	2	1	5	0	0	1	1	0	1	0	5
	2.3%	3.1%	1.4%	2.7%	0.8%	6.3%	2.4%	3.4%	0.0%	0.0%	5.6%	3.1%	0.0%	2.7%	0.0%	4.6%

(continued)

BREC End-Use and Energy Efficiency Survey (December 2007)

Table 15: There are lots of ways in which people can reduce energy consumption in their homes. Please list for me all of the things you have done to make your home more energy-efficient or things that you actively do to conserve energy, if any.

(continued)

All KN respondents

	Gender		Financial burden of the electric bill			Number of people in the home					Length of time served by co-op					
	Total	Male	Female	Not too much	Some	Quite a bit	1	2	3	4	5+	<5 yrs.	5-10	11-15	16-25	>25 yrs.
Unweighted Base	300	161	139	148	120	32	41	148	49	42	18	32	71	37	52	108
Base	300	161	139	148	120	32	41	148	49	42	18	32	71	37	52	108
Have heating/cooling system inspected regularly	4 1.3%	2 1.2%	2 1.4%	3 2.0%	1 0.8%	0 0.0%	0 0.0%	3 2.0%	1 2.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	1 2.7%	1 1.9%	2 1.9%
Use ceiling fans to circulate air	4 1.3%	2 1.2%	2 1.4%	3 2.0%	1 0.8%	0 0.0%	0 0.0%	3 2.0%	0 0.0%	0 0.0%	1 5.6%	0 0.0%	1 1.4%	1 2.7%	1 1.9%	1 0.9%
Use fireplace/gas fireplace/gas logs	4 1.3%	1 0.6%	3 2.2%	1 0.7%	2 1.7%	1 3.1%	0 0.0%	3 2.0%	0 0.0%	1 2.4%	0 0.0%	0 0.0%	0 0.0%	1 2.7%	0 0.0%	3 2.8%
Use a whole-house attic fan	2 0.7%	1 0.6%	1 0.7%	2 1.4%	0 0.0%	0 0.0%	0 0.0%	1 0.7%	0 0.0%	0 0.0%	1 5.6%	0 0.0%	1 1.4%	0 0.0%	0 0.0%	1 0.9%
Use AC sparingly	1 0.3%	1 0.6%	0 0.0%	0 0.0%	1 0.8%	0 0.0%	0 0.0%	1 0.7%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	1 1.4%	0 0.0%	0 0.0%	0 0.0%
Planted trees to provide shade	1 0.3%	1 0.6%	0 0.0%	1 0.7%	0 0.0%	0 0.0%	0 0.0%	1 0.7%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	1 2.7%	0 0.0%	0 0.0%
<u>Purchases of Energy-Efficient Appliances/Products</u>	164 54.7%	85 52.8%	79 56.8%	86 58.1%	67 55.8%	11 34.4%	22 53.7%	89 60.1%	27 55.1%	19 45.2%	6 33.3%	11 34.4%	30 42.3%	23 62.2%	31 59.6%	69 63.9%
Replaced windows with more energy-efficient ones	122 40.7%	64 39.8%	58 41.7%	65 43.9%	49 40.8%	8 25.0%	17 41.5%	66 44.6%	20 40.8%	13 31.0%	5 27.8%	6 18.8%	27 38.0%	17 45.9%	23 44.2%	49 45.4%
Replaced heating system with more energy-efficient one	38 12.7%	23 14.3%	15 10.8%	27 18.2%	9 7.5%	2 6.3%	7 17.1%	17 11.5%	6 12.2%	6 14.3%	1 5.6%	2 6.3%	3 4.2%	5 13.5%	10 19.2%	18 16.7%
Replaced other appliances with more energy-efficient ones/energy star appliances	25 8.3%	13 8.1%	12 8.6%	17 11.5%	7 5.8%	1 3.1%	1 2.4%	10 6.8%	7 14.3%	6 14.3%	1 5.6%	2 6.3%	6 8.5%	5 13.5%	7 13.5%	5 4.6%

(continued)

BREC End-Use and Energy Efficiency Survey (December 2007)

Table 15: There are lots of ways in which people can reduce energy consumption in their homes. Please list for me all of the things you have done to make your home more energy-efficient or things that you actively do to conserve energy, if any.

(continued)

All KN respondents

	Gender		Financial burden of the electric bill			Number of people in the home					Length of time served by co-op					
	Total	Male	Female	Not too much	Some	Quite a bit	1	2	3	4	5+	<5 yrs.	5-10	11-15	16-25	>25 yrs.
Unweighted Base	300	161	139	148	120	32	41	148	49	42	18	32	71	37	52	108
Base	300	161	139	148	120	32	41	148	49	42	18	32	71	37	52	108
Replaced doors/ventilated doors/storm doors	23 7.7%	10 6.2%	13 9.4%	12 8.1%	11 9.2%	0 0.0%	2 4.9%	13 8.8%	4 8.2%	3 7.1%	1 5.6%	1 3.1%	7 9.9%	2 5.4%	4 7.7%	9 8.3%
Replaced air conditioning system with more energy-efficient one	15 5.0%	11 6.8%	4 2.9%	9 6.1%	6 5.0%	0 0.0%	3 7.3%	5 3.4%	3 6.1%	3 7.1%	1 5.6%	2 6.3%	5 7.0%	3 8.1%	2 3.8%	3 2.8%
New roof	10 3.3%	4 2.5%	6 4.3%	5 3.4%	5 4.2%	0 0.0%	2 4.9%	4 2.7%	2 4.1%	2 4.8%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	2 3.8%	8 7.4%
Tankless water heater/energy efficient water heater	2 0.7%	1 0.6%	1 0.7%	1 0.7%	1 0.8%	0 0.0%	0 0.0%	1 0.7%	0 0.0%	1 2.4%	0 0.0%	0 0.0%	2 2.8%	0 0.0%	0 0.0%	0 0.0%
Added storm doors or window	21 7.0%	13 8.1%	8 5.8%	9 6.1%	10 8.3%	2 6.3%	2 4.9%	16 10.8%	3 6.1%	0 0.0%	0 0.0%	1 3.1%	2 2.8%	4 10.8%	3 5.8%	11 10.2%
Lighting	110 36.7%	52 32.3%	58 41.7%	59 39.9%	41 34.2%	10 31.3%	12 29.3%	49 33.1%	16 32.7%	21 50.0%	10 55.6%	15 46.9%	24 33.8%	13 35.1%	25 48.1%	33 30.6%
Turn the lights off when leaving the room	79 26.3%	36 22.4%	43 30.9%	44 29.7%	25 20.8%	10 31.3%	7 17.1%	34 23.0%	10 20.4%	18 42.9%	8 44.4%	11 34.4%	20 28.2%	8 21.6%	15 28.8%	25 23.1%
Use compact fluorescent light bulbs/energy-efficient bulbs	46 15.3%	22 13.7%	24 17.3%	24 16.2%	19 15.8%	3 9.4%	6 14.6%	22 14.9%	6 12.2%	7 16.7%	4 22.2%	6 18.8%	9 12.7%	6 16.2%	13 25.0%	12 11.1%

(continued)

BREC End-Use and Energy Efficiency Survey (December 2007)

Table 15: There are lots of ways in which people can reduce energy consumption in their homes. Please list for me all of the things you have done to make your home more energy-efficient or things that you actively do to conserve energy, if any.

(continued)

All KN respondents

	Gender			Financial burden of the electric bill			Number of people in the home					Length of time served by co-op				
	Total	Male	Female	Not too much	Some	Quite a bit	1	2	3	4	5+	<5 yrs.	5-10	11-15	16-25	>25 yrs.
Unweighted Base	300	161	139	148	120	32	41	148	49	42	18	32	71	37	52	108
Base	300	161	139	148	120	32	41	148	49	42	18	32	71	37	52	108
<u>Water Heating and Water-Related Measures</u>	40	15	25	18	16	6	4	20	7	7	2	4	10	7	10	9
	13.3%	9.3%	18.0%	12.2%	13.3%	18.8%	9.8%	13.5%	14.3%	16.7%	11.1%	12.5%	14.1%	18.9%	19.2%	8.3%
Keep water heater set at a medium to low temperature/shut off when not home	9	4	5	5	4	0	1	5	2	1	0	1	3	2	1	2
	3.0%	2.5%	3.6%	3.4%	3.3%	0.0%	2.4%	3.4%	4.1%	2.4%	0.0%	3.1%	4.2%	5.4%	1.9%	1.9%
Run the washing machine only when have full loads/at off-peak hours	9	2	7	3	4	2	0	3	3	2	1	1	1	2	1	4
	3.0%	1.2%	5.0%	2.0%	3.3%	6.3%	0.0%	2.0%	6.1%	4.8%	5.6%	3.1%	1.4%	5.4%	1.9%	3.7%
Installed a water-saving showerhead to reduce hot water use	5	1	4	3	2	0	0	4	1	0	0	0	0	2	1	2
	1.7%	0.6%	2.9%	2.0%	1.7%	0.0%	0.0%	2.7%	2.0%	0.0%	0.0%	0.0%	0.0%	5.4%	1.9%	1.9%
Installed a water heater blanket/wrap	5	3	2	1	2	2	2	1	0	2	0	1	1	0	3	0
	1.7%	1.9%	1.4%	0.7%	1.7%	6.3%	4.9%	0.7%	0.0%	4.8%	0.0%	3.1%	1.4%	0.0%	5.8%	0.0%
Fixed leaky faucets	4	2	2	2	2	0	0	3	1	0	0	0	2	1	1	0
	1.3%	1.2%	1.4%	1.4%	1.7%	0.0%	0.0%	2.0%	2.0%	0.0%	0.0%	0.0%	2.8%	2.7%	1.9%	0.0%
Use cold water in the washing machine (or use hot water infrequently)	4	0	4	1	2	1	1	0	0	2	1	0	1	1	2	0
	1.3%	0.0%	2.9%	0.7%	1.7%	3.1%	2.4%	0.0%	0.0%	4.8%	5.6%	0.0%	1.4%	2.7%	3.8%	0.0%
Don't leave water running/conserve water	4	2	2	3	0	1	0	4	0	0	0	0	1	1	1	1
	1.3%	1.2%	1.4%	2.0%	0.0%	3.1%	0.0%	2.7%	0.0%	0.0%	0.0%	0.0%	1.4%	2.7%	1.9%	0.9%
Run the dishwasher only when it's full/at off-peak hours	3	0	3	1	1	1	0	0	1	1	1	0	1	0	0	2
	1.0%	0.0%	2.2%	0.7%	0.8%	3.1%	0.0%	0.0%	2.0%	2.4%	5.6%	0.0%	1.4%	0.0%	0.0%	1.9%

(continued)

BREC End-Use and Energy Efficiency Survey (December 2007)

Table 15: There are lots of ways in which people can reduce energy consumption in their homes. Please list for me all of the things you have done to make your home more energy-efficient or things that you actively do to conserve energy, if any.

(continued)

All KN respondents

	Gender		Financial burden of the electric bill			Number of people in the home					Length of time served by co-op						
	Total	Male	Female	Not too much	Some	Quite a bit	1	2	3	4	5+	<5 yrs.	5-10	11-15	16-25	>25 yrs.	
Unweighted Base	300	161	139	148	120	32	41	148	49	42	18	32	71	37	52	108	
Base	300	161	139	148	120	32	41	148	49	42	18	32	71	37	52	108	
Dry clothes on a line or partially dry them on a line/don't use dryer	2 0.7%	0 0.0%	2 1.4%	0 0.0%	1 0.8%	1 3.1%	0 0.0%	0 0.0%	0 0.0%	1 2.4%	1 5.6%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	2 1.9%
Take showers not baths/shorter showers	1 0.3%	0 0.0%	1 0.7%	1 0.7%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	1 2.4%	0 0.0%	0 0.0%	1 1.4%	0 0.0%	0 0.0%	0 0.0%	0 0.0%
Installed low-flush toilets	1 0.3%	1 0.6%	0 0.0%	1 0.7%	0 0.0%	0 0.0%	0 0.0%	1 0.7%	0 0.0%	0 0.0%	0 0.0%	1 3.1%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%
Other	37 12.3%	17 10.6%	20 14.4%	22 14.9%	11 9.2%	4 12.5%	7 17.1%	15 10.1%	3 6.1%	8 19.0%	4 22.2%	3 9.4%	4 5.6%	5 13.5%	8 15.4%	17 15.7%	
Keep outside doors closed/windows closed	22 7.3%	13 8.1%	9 6.5%	14 9.5%	6 5.0%	2 6.3%	5 12.2%	10 6.8%	2 4.1%	3 7.1%	2 11.1%	1 3.1%	3 4.2%	3 8.1%	5 9.6%	10 9.3%	
Unplug appliances when not in use	11 3.7%	2 1.2%	9 6.5%	4 2.7%	4 3.3%	3 9.4%	0 0.0%	3 2.0%	1 2.0%	5 11.9%	2 11.1%	2 6.3%	1 1.4%	1 2.7%	2 3.8%	5 4.6%	
Cook outside/cook things that don't take long/use grill	1 0.3%	1 0.6%	0 0.0%	1 0.7%	0 0.0%	0 0.0%	0 0.0%	1 0.7%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	1 0.9%
Built home in the ground	1 0.3%	0 0.0%	1 0.7%	0 0.0%	1 0.8%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	1 2.4%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	1 1.9%	0 0.0%
Don't watch TV often	1 0.3%	0 0.0%	1 0.7%	1 0.7%	0 0.0%	0 0.0%	1 2.4%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	1 0.9%
Used 2x6 instead of 2x4 when building home	1 0.3%	1 0.6%	0 0.0%	1 0.7%	0 0.0%	0 0.0%	0 0.0%	1 0.7%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	1 0.9%

(continued)

BREC End-Use and Energy Efficiency Survey (December 2007)

Table 15: There are lots of ways in which people can reduce energy consumption in their homes. Please list for me all of the things you have done to make your home more energy-efficient or things that you actively do to conserve energy, if any.

(continued)
All KN respondents

	Gender		Financial burden of the electric bill			Number of people in the home					Length of time served by co-op					
	Total	Male	Female	Not too much	Some	Quite a bit	1	2	3	4	5+	<5 yrs.	5-10	11-15	16-25	>25 yrs.
Unweighted Base	300	161	139	148	120	32	41	148	49	42	18	32	71	37	52	108
Base	300	161	139	148	120	32	41	148	49	42	18	32	71	37	52	108
Permanently covered patio/roof over deck	1 0.3%	0 0.0%	1 0.7%	1 0.7%	0 0.0%	0 0.0%	1 2.4%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	1 2.7%	0 0.0%	0 0.0%
							++							+++		
Nothing	5 1.7%	4 2.5%	1 0.7%	1 0.7%	3 2.5%	1 3.1%	1 2.4%	3 2.0%	1 2.0%	0 0.0%	0 0.0%	0 0.0%	1 1.4%	0 0.0%	0 0.0%	4 3.7%
																++
Nothing	5 1.7%	4 2.5%	1 0.7%	1 0.7%	3 2.5%	1 3.1%	1 2.4%	3 2.0%	1 2.0%	0 0.0%	0 0.0%	0 0.0%	1 1.4%	0 0.0%	0 0.0%	4 3.7%
																++

(continued)

BREC End-Use and Energy Efficiency Survey (December 2007)

Table 15: There are lots of ways in which people can reduce energy consumption in their homes. Please list for me all of the things you have done to make your home more energy-efficient or things that you actively do to conserve energy, if any.

All KN respondents

	Total	Age					Type of home				Education				
		18-34	35-44	45-54	55-64	65+	Single-story	Multi-story	Mobile	Other	<HS grad	HS grad	Some college	College grad	Post college
Unweighted Base	300	19	34	79	82	79	166	71	40	23	38	129	78	33	16
Base	300	19	34	79	82	79	166	71	40	23	38	129	78	33	16
<u>Weatherizing, Sealing, and Insulating of Home</u>	212	14	18	64	57	55	119	53	26	14	26	88	61	24	9
	70.7%	73.7%	52.9%	81.0%	69.5%	69.6%	71.7%	74.6%	65.0%	60.9%	68.4%	68.2%	78.2%	72.7%	56.3%
Added insulation to the home	150	5	11	45	44	42	86	39	16	9	15	65	45	15	7
	50.0%	26.3%	32.4%	57.0%	53.7%	53.2%	51.8%	54.9%	40.0%	39.1%	39.5%	50.4%	57.7%	45.5%	43.8%
Sealed doors and/or windows—caulking, weatherstripping, plastic film, threshold	88	9	8	27	21	21	45	23	15	5	14	31	24	13	4
	29.3%	47.4%	23.5%	34.2%	25.6%	26.6%	27.1%	32.4%	37.5%	21.7%	36.8%	24.0%	30.8%	39.4%	25.0%
Checked exterior of home for air leaks (dryer vents, water spigots, gas pipes, etc.)	15	2	2	4	3	4	8	4	2	1	2	6	6	1	0
	5.0%	10.5%	5.9%	5.1%	3.7%	5.1%	4.8%	5.6%	5.0%	4.3%	5.3%	4.7%	7.7%	3.0%	0.0%
Added Masonite siding/new siding	7	1	0	1	3	2	5	1	0	1	0	4	1	1	1
	2.3%	5.3%	0.0%	1.3%	3.7%	2.5%	3.0%	1.4%	0.0%	4.3%	0.0%	3.1%	1.3%	3.0%	6.3%
Placed foam gaskets behind outlets and switch plates	3	1	0	0	0	2	2	1	0	0	0	2	1	0	0
	1.0%	5.3%	0.0%	0.0%	0.0%	2.5%	1.2%	1.4%	0.0%	0.0%	0.0%	1.6%	1.3%	0.0%	0.0%
Put 12-inch blocks in the basement/permanent concrete blocks	2	1	0	0	1	0	1	0	0	1	0	1	0	1	0
	0.7%	5.3%	0.0%	0.0%	1.2%	0.0%	0.6%	0.0%	0.0%	4.3%	0.0%	0.8%	0.0%	3.0%	0.0%
Added underpinning	2	0	0	1	0	1	0	0	2	0	1	0	1	0	0
	0.7%	0.0%	0.0%	1.3%	0.0%	1.3%	0.0%	0.0%	5.0%	0.0%	2.6%	0.0%	1.3%	0.0%	0.0%
Keep outside vents closed	1	0	0	0	1	0	1	0	0	0	0	1	0	0	0
	0.3%	0.0%	0.0%	0.0%	1.2%	0.0%	0.6%	0.0%	0.0%	0.0%	0.0%	0.8%	0.0%	0.0%	0.0%
Thermal barrier underneath new hardwood floors	1	0	1	0	0	0	1	0	0	0	0	1	0	0	0
	0.3%	0.0%	2.9%	0.0%	0.0%	0.0%	0.6%	0.0%	0.0%	0.0%	0.0%	0.8%	0.0%	0.0%	0.0%

(continued)

BREC End-Use and Energy Efficiency Survey (December 2007)

Table 15: There are lots of ways in which people can reduce energy consumption in their homes. Please list for me all of the things you have done to make your home more energy-efficient or things that you actively do to conserve energy, if any.

(continued)
All KN respondents

	Age						Type of home				Education				
	Total	18-34	35-44	45-54	55-64	65+	Single-story	Multi-story	Mobile	Other	<HS grad	HS grad	Some college	College grad	Post college
Unweighted Base	300	19	34	79	82	79	166	71	40	23	38	129	78	33	16
Base	300	19	34	79	82	79	166	71	40	23	38	129	78	33	16
<u>Thermostat and Heating & Cooling</u>	167	9	18	48	50	39	97	41	18	11	18	68	45	23	11
	55.7%	47.4%	52.9%	60.8%	61.0%	49.4%	58.4%	57.7%	45.0%	47.8%	47.4%	52.7%	57.7%	69.7%	68.8%
Keep thermostat set low in winter/high in summer and/or avoid early use of heat or air	82	1	13	19	28	19	51	18	10	3	11	29	23	10	8
Adjust thermostat when going on vacation/not home/at night	34	4	1	11	9	8	21	5	5	3	2	15	9	4	3
Close off heat & air to unused parts of the home/close doors to rooms not in use	18	1	1	5	3	8	8	7	1	2	1	9	4	4	0
Installed a programmable thermostat	17	0	3	7	6	1	11	5	0	1	0	6	5	3	3
Change/clean furnace filters frequently	17	3	4	6	3	1	6	7	1	3	1	8	4	3	1
Put shades on windows/keep blinds closed/curtains on windows	13	0	0	3	7	3	6	5	1	1	0	4	6	1	1
Heat with wood	9	0	1	4	1	3	3	4	1	1	3	2	2	2	0
Keep thermostat steady	8	1	1	2	3	1	6	1	1	0	0	5	3	0	0
Space heater in basement/added space heaters	7	0	0	1	2	4	5	2	0	0	2	4	1	0	0

(continued)

BREC End-Use and Energy Efficiency Survey (December 2007)

Table 15: There are lots of ways in which people can reduce energy consumption in their homes. Please list for me all of the things you have done to make your home more energy-efficient or things that you actively do to conserve energy, if any.

(continued)

All KN respondents

	Total	Age					Type of home				Education				
		18-34	35-44	45-54	55-64	65+	Single-story	Multi-story	Mobile	Other	<HS grad	HS grad	Some college	College grad	Post college
Unweighted Base	300	19	34	79	82	79	166	71	40	23	38	129	78	33	16
Base	300	19	34	79	82	79	166	71	40	23	38	129	78	33	16
Have heating/cooling system inspected regularly	4 1.3%	0 0.0%	0 0.0%	1 1.3%	2 2.4%	1 1.3%	2 1.2%	2 2.8%	0 0.0%	0 0.0%	0 0.0%	3 2.3%	1 1.3%	0 0.0%	0 0.0%
Use ceiling fans to circulate air	4 1.3%	0 0.0%	0 0.0%	2 2.5%	2 2.4%	0 0.0%	0 0.0%	3 4.2%	0 0.0%	1 4.3%	0 0.0%	1 0.8%	1 1.3%	2 6.1%	0 0.0%
Use fireplace/gas fireplace/gas logs	4 1.3%	0 0.0%	0 0.0%	3 3.8% ++	1 1.2%	0 0.0%	3 1.8%	1 1.4%	0 0.0%	0 0.0%	0 0.0%	1 0.8%	1 1.3%	2 6.1% ++	0 0.0%
Use a whole-house attic fan	2 0.7%	0 0.0%	1 2.9% +	0 0.0%	1 1.2%	0 0.0%	0 0.0%	2 2.8% ++	0 0.0%	0 0.0%	0 0.0%	1 0.8%	0 0.0%	0 0.0%	1 6.3%
Use AC sparingly	1 0.3%	0 0.0%	0 0.0%	0 0.0%	1 1.2%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	1 4.3%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	1 6.3%
Planted trees to provide shade	1 0.3%	0 0.0%	0 0.0%	0 0.0%	1 1.2%	0 0.0%	1 0.6%	0 0.0%	1 6.3%						
<u>Purchases of Energy-Efficient Appliances/Products</u>	164 54.7%	6 31.6%	12 35.3%	44 55.7%	52 63.4%	46 58.2%	96 57.8%	39 54.9%	16 40.0%	13 56.5%	18 47.4%	74 57.4%	46 59.0%	15 45.5%	6 37.5%
Replaced windows with more energy-efficient ones	122 40.7%	3 15.8%	8 23.5% --	34 43.0%	39 47.6%	35 44.3%	68 41.0%	32 45.1%	12 30.0%	10 43.5%	14 36.8%	55 42.6%	32 41.0%	12 36.4%	5 31.3%
Replaced heating system with more energy-efficient one	38 12.7%	3 15.8%	1 2.9% --	11 13.9%	13 15.9%	8 10.1%	26 15.7%	8 11.3%	3 7.5%	1 4.3%	3 7.9%	14 10.9%	11 14.1%	7 21.2%	1 6.3%
Replaced other appliances with more energy-efficient ones/energy star appliances	25 8.3%	4 21.1%	3 8.8% -	8 10.1%	6 7.3%	3 3.8%	17 10.2% +	4 5.6%	2 5.0%	2 8.7%	3 7.9%	8 6.2%	9 11.5%	2 6.1%	2 12.5%

(continued)

BREC End-Use and Energy Efficiency Survey (December 2007)

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(continued)
All KN respondents

	Age						Type of home				Education				
	Total	18-34	35-44	45-54	55-64	65+	Single-story	Multi-story	Mobile	Other	<HS grad	HS grad	Some college	College grad	Post college
Unweighted Base	300	19	34	79	82	79	166	71	40	23	38	129	78	33	16
Base	300	19	34	79	82	79	166	71	40	23	38	129	78	33	16
Replaced doors/ventilated doors/storm doors	23 7.7%	1 5.3%	1 2.9%	8 10.1%	7 8.5%	6 7.6%	13 7.8%	6 8.5%	2 5.0%	2 8.7%	4 10.5%	12 9.3%	4 5.1%	2 6.1%	1 6.3%
Replaced air conditioning system with more energy-efficient one	15 5.0%	2 10.5%	0 0.0%	6 7.6%	2 2.4%	5 6.3%	10 6.0%	5 7.0%	0 0.0%	0 0.0%	3 7.9%	5 3.9%	4 5.1%	2 6.1%	1 6.3%
New roof	10 3.3%	0 0.0%	1 2.9%	3 3.8%	3 3.7%	2 2.5%	3 1.8%	1 1.4%	2 5.0%	4 17.4%	1 2.6%	5 3.9%	3 3.8%	0 0.0%	0 0.0%
Tankless water heater/energy efficient water heater	2 0.7%	0 0.0%	1 2.9%	0 0.0%	0 0.0%	1 1.3%	2 1.2%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	1 0.8%	0 0.0%	0 0.0%	1 6.3%
Added storm doors or window	21 7.0%	0 0.0%	1 2.9%	2 2.5%	8 9.8%	9 11.4%	13 7.8%	6 8.5%	1 2.5%	1 4.3%	3 7.9%	12 9.3%	3 3.8%	0 0.0%	2 12.5%
Lighting	110 36.7%	10 52.6%	18 52.9%	30 38.0%	29 35.4%	20 25.3%	58 34.9%	32 45.1%	10 25.0%	10 43.5%	6 15.8%	45 34.9%	34 43.6%	15 45.5%	8 50.0%
Turn the lights off when leaving the room	79 26.3%	9 47.4%	14 41.2%	21 26.6%	19 23.2%	13 16.5%	41 24.7%	24 33.8%	8 20.0%	6 26.1%	5 13.2%	33 25.6%	22 28.2%	11 33.3%	6 37.5%
Use compact fluorescent light bulbs/energy-efficient bulbs	46 15.3%	4 21.1%	5 14.7%	13 16.5%	14 17.1%	9 11.4%	25 15.1%	12 16.9%	4 10.0%	5 21.7%	2 5.3%	16 12.4%	19 24.4%	5 15.2%	3 18.8%

(continued)

BREC End-Use and Energy Efficiency Survey (December 2007)

Table 15: There are lots of ways in which people can reduce energy consumption in their homes. Please list for me all of the things you have done to make your home more energy-efficient or things that you actively do to conserve energy, if any.

(continued)
All KN respondents

	Age						Type of home				Education				
	Total	18-34	35-44	45-54	55-64	65+	Single-story	Multi-story	Mobile	Other	<HS grad	HS grad	Some college	College grad	Post college
Unweighted Base	300	19	34	79	82	79	166	71	40	23	38	129	78	33	16
Base	300	19	34	79	82	79	166	71	40	23	38	129	78	33	16
<u>Water Heating and Water-Related Measures</u>	40	0	5	15	14	6	26	8	2	4	4	13	17	4	2
	13.3%	0.0%	14.7%	19.0%	17.1%	7.6%	15.7%	11.3%	5.0%	17.4%	10.5%	10.1%	21.8%	12.1%	12.5%
Keep water heater set at a medium to low temperature/shut off when not home	9	0	1	3	4	1	6	1	1	1	0	2	3	3	1
	3.0%	0.0%	2.9%	3.8%	4.9%	1.3%	3.6%	1.4%	2.5%	4.3%	0.0%	1.6%	3.8%	9.1%	6.3%
Run the washing machine only when have full loads/at off-peak hours	9	0	1	3	2	3	6	2	1	0	1	4	3	0	1
	3.0%	0.0%	2.9%	3.8%	2.4%	3.8%	3.6%	2.8%	2.5%	0.0%	2.6%	3.1%	3.8%	0.0%	6.3%
Installed a water-saving showerhead to reduce hot water use	5	0	1	3	1	0	4	1	0	0	1	1	3	0	0
	1.7%	0.0%	2.9%	3.8%	1.2%	0.0%	2.4%	1.4%	0.0%	0.0%	2.6%	0.8%	3.8%	0.0%	0.0%
Installed a water heater blanket/wrap	5	0	1	3	1	0	4	1	0	0	0	2	3	0	0
	1.7%	0.0%	2.9%	3.8%	1.2%	0.0%	2.4%	1.4%	0.0%	0.0%	0.0%	1.6%	3.8%	0.0%	0.0%
Fixed leaky faucets	4	0	0	2	2	0	3	1	0	0	0	2	2	0	0
	1.3%	0.0%	0.0%	2.5%	2.4%	0.0%	1.8%	1.4%	0.0%	0.0%	0.0%	1.6%	2.6%	0.0%	0.0%
Use cold water in the washing machine (or use hot water infrequently)	4	0	0	2	1	1	2	1	0	1	1	0	3	0	0
	1.3%	0.0%	0.0%	2.5%	1.2%	1.3%	1.2%	1.4%	0.0%	4.3%	2.6%	0.0%	3.8%	0.0%	0.0%
Don't leave water running/conserve water	4	0	1	0	2	1	1	2	0	1	1	1	2	0	0
	1.3%	0.0%	2.9%	0.0%	2.4%	1.3%	0.6%	2.8%	0.0%	4.3%	2.6%	0.8%	2.6%	0.0%	0.0%
Run the dishwasher only when it's full/at off-peak hours	3	0	1	1	1	0	2	1	0	0	0	2	1	0	0
	1.0%	0.0%	2.9%	1.3%	1.2%	0.0%	1.2%	1.4%	0.0%	0.0%	0.0%	1.6%	1.3%	0.0%	0.0%
Dry clothes on a line or partially dry them on a line/don't use dryer	2	0	0	1	1	0	1	1	0	0	0	1	1	0	0
	0.7%	0.0%	0.0%	1.3%	1.2%	0.0%	0.6%	1.4%	0.0%	0.0%	0.0%	0.8%	1.3%	0.0%	0.0%

(continued)

BREC End-Use and Energy Efficiency Survey (December 2007)

Table 15: There are lots of ways in which people can reduce energy consumption in their homes. Please list for me all of the things you have done to make your home more energy-efficient or things that you actively do to conserve energy, if any.

(continued)

All KN respondents

	Total	Age					Type of home				Education					
		18-34	35-44	45-54	55-64	65+	Single-story	Multi-story	Mobile	Other	<HS grad	HS grad	Some college	College grad	Post college	
Unweighted Base	300	19	34	79	82	79	166	71	40	23	38	129	78	33	16	
Base	300	19	34	79	82	79	166	71	40	23	38	129	78	33	16	
Take showers not baths/shorter showers	1 0.3%	0 0.0%	1 2.9%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	1 2.5%	0 0.0%	0 0.0%	1 0.8%	0 0.0%	0 0.0%	0 0.0%	
Installed low-flush toilets	1 0.3%	0 0.0%	0 0.0%	0 0.0%	1 1.2%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	1 4.3%	0 0.0%	0 0.0%	0 0.0%	1 3.0%	0 0.0%
Other	37 12.3%	1 5.3%	3 8.8%	16 20.3%	7 8.5%	10 12.7%	23 13.9%	10 14.1%	3 7.5%	1 4.3%	4 10.5%	14 10.9%	7 9.0%	8 24.2%	4 25.0%	
Keep outside doors closed/windows closed	22 7.3%	1 5.3%	2 5.9%	6 7.6%	6 7.3%	7 8.9%	16 9.6%	4 5.6%	2 5.0%	0 0.0%	2 5.3%	8 6.2%	4 5.1%	4 12.1%	4 25.0%	
Unplug appliances when not in use	11 3.7%	0 0.0%	1 2.9%	8 10.1%	2 2.4%	0 0.0%	4 2.4%	5 7.0%	1 2.5%	1 4.3%	1 2.6%	4 3.1%	3 3.8%	3 9.1%	0 0.0%	
Cook outside/cook things that don't take long/use grill	1 0.3%	0 0.0%	0 0.0%	1 1.3%	0 0.0%	0 0.0%	1 0.6%	0 0.0%	0 0.0%	0 0.0%	1 2.6%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	
Built home in the ground	1 0.3%	0 0.0%	0 0.0%	1 1.3%	0 0.0%	0 0.0%	0 0.0%	1 1.4%	0 0.0%	0 0.0%	0 0.0%	1 0.8%	0 0.0%	0 0.0%	0 0.0%	
Don't watch TV often	1 0.3%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	1 1.3%	1 0.6%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	1 0.8%	0 0.0%	0 0.0%	0 0.0%	
Used 2x6 instead of 2x4 when building home	1 0.3%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	1 1.3%	1 0.6%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	1 0.8%	0 0.0%	0 0.0%	0 0.0%	
Permanently covered patio/roof over deck	1 0.3%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	1 1.3%	1 0.6%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	1 3.0%	0 0.0%	

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(continued)

All KN respondents

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	Total	18-34	35-44	45-54	55-64	65+	Single-story	Multi-story	Mobile	Other	<HS grad	HS grad	Some college	College grad	Post college
Unweighted Base	300	19	34	79	82	79	166	71	40	23	38	129	78	33	16
Base	300	19	34	79	82	79	166	71	40	23	38	129	78	33	16
Nothing	5	0	1	0	0	4	2	2	1	0	2	2	0	1	0
	1.7%	0.0%	2.9%	0.0%	0.0%	5.1%	1.2%	2.8%	2.5%	0.0%	5.3%	1.6%	0.0%	3.0%	0.0%
						+++					+				
Nothing	5	0	1	0	0	4	2	2	1	0	2	2	0	1	0
	1.7%	0.0%	2.9%	0.0%	0.0%	5.1%	1.2%	2.8%	2.5%	0.0%	5.3%	1.6%	0.0%	3.0%	0.0%
						+++					+				

(continued)

BREC End-Use and Energy Efficiency Survey (December 2007)

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All KN respondents

	Total	Income					Overall Satisfaction		Age of home						Primary heating source			
		< \$15K	\$15K- \$25K	\$25K- \$40K	\$40- \$75K	> \$75K	Less than satis.	Satis.	<5 yrs	5-10	11-20	21-30	31-50	50+ yrs	Elec. furn.	HP/ geoth.	NG furn.	Prop. furn.
Unweighted Base	300	25	21	53	75	62	77	223	19	46	66	62	62	45	69	48	94	49
Base	300	25	21	53	75	62	77	223	19	46	66	62	62	45	69	48	94	49
<u>Weatherizing, Sealing, and Insulating of Home</u>	212	15	16	39	55	42	52	160	12	24	51	44	46	35	47	28	73	34
	70.7%	60.0%	76.2%	73.6%	73.3%	67.7%	67.5%	71.7%	63.2%	52.2%	77.3%	71.0%	74.2%	77.8%	68.1%	58.3%	77.7%	69.4%
Added insulation to the home	150	9	9	32	34	30	41	109	10	18	29	29	35	29	31	21	48	28
	50.0%	36.0%	42.9%	60.4%	45.3%	48.4%	53.2%	48.9%	52.6%	39.1%	43.9%	46.8%	56.5%	64.4%	44.9%	43.8%	51.1%	57.1%
Sealed doors and/or windows—caulking, weatherstripping, plastic film, threshold	88	7	9	19	25	14	22	66	3	5	26	25	14	15	23	10	31	12
	29.3%	28.0%	42.9%	35.8%	33.3%	22.6%	28.6%	29.6%	15.8%	10.9%	39.4%	40.3%	22.6%	33.3%	33.3%	20.8%	33.0%	24.5%
Checked exterior of home for air leaks (dryer vents, water spigots, gas pipes, etc.)	15	1	0	6	2	3	2	13	1	1	4	4	2	3	3	3	5	0
	5.0%	4.0%	0.0%	11.3%	2.7%	4.8%	2.6%	5.8%	5.3%	2.2%	6.1%	6.5%	3.2%	6.7%	4.3%	6.3%	5.3%	0.0%
Added Masonite siding/new siding	7	0	1	1	3	2	2	5	0	0	1	2	2	2	2	0	1	2
	2.3%	0.0%	4.8%	1.9%	4.0%	3.2%	2.6%	2.2%	0.0%	0.0%	1.5%	3.2%	3.2%	4.4%	2.9%	0.0%	1.1%	4.1%
Placed foam gaskets behind outlets and switch plates	3	0	0	2	0	0	0	3	0	0	0	0	1	2	0	2	0	0
	1.0%	0.0%	0.0%	3.8%	0.0%	0.0%	0.0%	1.3%	0.0%	0.0%	0.0%	0.0%	1.6%	4.4%	0.0%	4.2%	0.0%	0.0%
Put 12-inch blocks in the basement/permanent concrete blocks	2	0	0	0	2	0	2	0	1	0	1	0	0	0	1	0	0	0
	0.7%	0.0%	0.0%	0.0%	2.7%	0.0%	2.6%	0.0%	5.3%	0.0%	1.5%	0.0%	0.0%	0.0%	1.4%	0.0%	0.0%	0.0%
Added underpinning	2	1	0	1	0	0	1	1	0	0	1	1	0	0	1	0	0	0
	0.7%	4.0%	0.0%	1.9%	0.0%	0.0%	1.3%	0.4%	0.0%	0.0%	1.5%	1.6%	0.0%	0.0%	1.4%	0.0%	0.0%	0.0%
Keep outside vents closed	1	0	0	0	1	0	0	1	0	1	0	0	0	0	0	0	0	0
	0.3%	0.0%	0.0%	0.0%	1.3%	0.0%	0.0%	0.4%	0.0%	2.2%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%

(continued)

BREC End-Use and Energy Efficiency Survey (December 2007)

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(continued)
All KN respondents

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Unweighted Base	300	25	21	53	75	62	77	223	19	46	66	62	62	45	69	48	94	49
Base	300	25	21	53	75	62	77	223	19	46	66	62	62	45	69	48	94	49
Thermal barrier underneath new hardwood floors	1 0.3%	0 0.0%	0 0.0%	0 0.0%	1 1.3%	0 0.0%	0 0.0%	1 0.4%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	1 2.2%	0 0.0%	0 0.0%	0 0.0%	0 0.0%
Thermostat and Heating & Cooling	167 55.7%	13 52.0%	9 42.9%	28 52.8%	40 53.3%	44 71.0%	49 63.6%	118 52.9%	12 63.2%	33 71.7%	41 62.1%	31 50.0%	35 56.5%	15 33.3%	38 55.1%	29 60.4%	56 59.6%	31 63.3%
Keep thermostat set low in winter/high in summer and/or avoid early use of heat or air	82 27.3%	5 20.0%	6 28.6%	14 26.4%	18 24.0%	24 38.7%	20 26.0%	62 27.8%	8 42.1%	14 30.4%	19 28.8%	18 29.0%	17 27.4%	6 13.3%	14 20.3%	17 35.4%	30 31.9%	15 30.6%
Adjust thermostat when going on vacation/not home/at night	34 11.3%	3 12.0%	0 0.0%	5 9.4%	12 16.0%	5 8.1%	10 13.0%	24 10.8%	2 10.5%	11 23.9%	9 13.6%	6 9.7%	6 9.7%	0 0.0%	8 11.6%	8 16.7%	10 10.6%	6 12.2%
Close off heat & air to unused parts of the home/close doors to rooms not in use	18 6.0%	2 8.0%	2 9.5%	5 9.4%	4 5.3%	4 6.5%	7 9.1%	11 4.9%	2 10.5%	4 8.7%	5 7.6%	2 3.2%	3 4.8%	2 4.4%	3 4.3%	4 8.3%	5 5.3%	4 8.2%
Installed a programmable thermostat	17 5.7%	0 0.0%	1 4.8%	1 1.9%	2 2.7%	8 12.9%	4 5.2%	13 5.8%	1 5.3%	5 10.9%	6 9.1%	3 4.8%	2 3.2%	0 0.0%	2 2.9%	3 6.3%	9 9.6%	2 4.1%
Change/clean furnace filters frequently	17 5.7%	1 4.0%	0 0.0%	2 3.8%	8 10.7%	3 4.8%	10 13.0%	7 3.1%	1 5.3%	3 6.5%	4 6.1%	3 4.8%	3 4.8%	3 6.7%	6 8.7%	3 6.3%	6 6.4%	2 4.1%
Put shades on windows/keep blinds closed/curtains on windows	13 4.3%	0 0.0%	0 0.0%	2 3.8%	5 6.7%	4 6.5%	3 3.9%	10 4.5%	1 5.3%	3 6.5%	3 4.5%	3 4.8%	3 4.8%	0 0.0%	2 2.9%	3 6.3%	5 5.3%	2 4.1%
Heat with wood	9 3.0%	1 4.0%	0 0.0%	2 3.8%	0 0.0%	3 4.8%	1 1.3%	8 3.6%	2 10.5%	1 2.2%	0 0.0%	2 3.2%	3 4.8%	1 2.2%	2 2.9%	0 0.0%	3 3.2%	4 8.2%

(continued)

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Unweighted Base	300	25	21	53	75	62	77	223	19	46	66	62	62	45	69	48	94	49
Base	300	25	21	53	75	62	77	223	19	46	66	62	62	45	69	48	94	49
Keep thermostat steady	8 2.7%	1 4.0%	0 0.0%	0 0.0%	2 2.7%	0 0.0%	4 5.2%	4 1.8%	0 0.0%	0 0.0%	2 3.0%	3 4.8%	2 3.2%	1 2.2%	3 4.3%	1 2.1%	2 2.1%	2 4.1%
Space heater in basement/added space heaters	7 2.3%	1 4.0%	1 4.8%	3 5.7%	1 1.3%	1 1.6%	0 0.0%	7 3.1%	0 0.0%	2 4.3%	0 0.0%	1 1.6%	2 3.2%	2 4.4%	1 1.4%	0 0.0%	2 2.1%	2 4.1%
Have heating/cooling system inspected regularly	4 1.3%	1 4.0%	0 0.0%	1 1.9%	1 1.3%	0 0.0%	1 1.3%	3 1.3%	0 0.0%	1 2.2%	0 0.0%	0 0.0%	2 3.2%	1 2.2%	1 1.4%	0 0.0%	1 1.1%	1 2.0%
Use ceiling fans to circulate air	4 1.3%	0 0.0%	0 0.0%	1 1.9%	1 1.3%	2 3.2%	2 2.6%	2 0.9%	0 0.0%	2 4.3%	2 3.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	1 2.1%	2 2.1%	0 0.0%
Use fireplace/gas fireplace/gas logs	4 1.3%	0 0.0%	0 0.0%	0 0.0%	2 2.7%	1 1.6%	2 2.6%	2 0.9%	1 5.3%	0 0.0%	1 1.5%	1 1.6%	0 0.0%	1 2.2%	3 4.3%	1 2.1%	0 0.0%	0 0.0%
Use a whole-house attic fan	2 0.7%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	2 3.2%	2 2.6%	0 0.0%	0 0.0%	1 2.2%	0 0.0%	0 0.0%	0 0.0%	1 2.2%	0 0.0%	0 0.0%	1 1.1%	1 2.0%
Use AC sparingly	1 0.3%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	1 1.3%	0 0.0%	0 0.0%	1 2.2%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	1 2.1%	0 0.0%	0 0.0%
Planted trees to provide shade	1 0.3%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	1 1.6%	0 0.0%	1 0.4%	0 0.0%	0 0.0%	1 1.5%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	1 2.1%	0 0.0%	0 0.0%

(continued)

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All KN respondents

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Unweighted Base	300	25	21	53	75	62	77	223	19	46	66	62	62	45	69	48	94	49
Base	300	25	21	53	75	62	77	223	19	46	66	62	62	45	69	48	94	49
Purchases of Energy-Efficient Appliances/Products	164	11	13	29	40	34	41	123	9	18	30	37	40	30	32	28	51	28
	54.7%	44.0%	61.9%	54.7%	53.3%	54.8%	53.2%	55.2%	47.4%	39.1%	45.5%	59.7%	64.5%	66.7%	46.4%	58.3%	54.3%	57.1%
Replaced windows with more energy-efficient ones	122	8	12	22	32	24	28	94	5	14	22	25	34	22	23	20	43	17
	40.7%	32.0%	57.1%	41.5%	42.7%	38.7%	36.4%	42.2%	26.3%	30.4%	33.3%	40.3%	54.8%	48.9%	33.3%	41.7%	45.7%	34.7%
Replaced heating system with more energy-efficient one	38	2	1	3	7	14	8	30	5	3	5	11	8	6	5	13	10	6
	12.7%	8.0%	4.8%	5.7%	9.3%	22.6%	10.4%	13.5%	26.3%	6.5%	7.6%	17.7%	12.9%	13.3%	7.2%	27.1%	10.6%	12.2%
Replaced other appliances with more energy-efficient ones/energy star appliances	25	2	1	2	8	6	8	17	2	1	9	6	7	0	10	4	7	1
	8.3%	8.0%	4.8%	3.8%	10.7%	9.7%	10.4%	7.6%	10.5%	2.2%	13.6%	9.7%	11.3%	0.0%	14.5%	8.3%	7.4%	2.0%
Replaced doors/ventilated doors/storm doors	23	1	4	3	9	3	9	14	0	2	7	3	8	3	5	0	9	4
	7.7%	4.0%	19.0%	5.7%	12.0%	4.8%	11.7%	6.3%	0.0%	4.3%	10.6%	4.8%	12.9%	6.7%	7.2%	0.0%	9.6%	8.2%
Replaced air conditioning system with more energy-efficient one	15	1	3	0	3	7	3	12	2	1	4	3	4	1	2	3	7	0
	5.0%	4.0%	14.3%	0.0%	4.0%	11.3%	3.9%	5.4%	10.5%	2.2%	6.1%	4.8%	6.5%	2.2%	2.9%	6.3%	7.4%	0.0%
New roof	10	2	0	2	2	0	2	8	1	1	3	2	2	1	2	2	1	4
	3.3%	8.0%	0.0%	3.8%	2.7%	0.0%	2.6%	3.6%	5.3%	2.2%	4.5%	3.2%	3.2%	2.2%	2.9%	4.2%	1.1%	8.2%
Tankless water heater/energy efficient water heater	2	1	0	0	0	1	1	1	0	1	0	0	1	0	0	1	0	0
	0.7%	4.0%	0.0%	0.0%	0.0%	1.6%	1.3%	0.4%	0.0%	2.2%	0.0%	0.0%	1.6%	0.0%	0.0%	2.1%	0.0%	0.0%
Added storm doors or window	21	3	0	5	3	3	6	15	0	1	2	4	7	7	1	0	8	5
	7.0%	12.0%	0.0%	9.4%	4.0%	4.8%	7.8%	6.7%	0.0%	2.2%	3.0%	6.5%	11.3%	15.6%	1.4%	0.0%	8.5%	10.2%

(continued)

BREC End-Use and Energy Efficiency Survey (December 2007)

Table 15: There are lots of ways in which people can reduce energy consumption in their homes. Please list for me all of the things you have done to make your home more energy-efficient or things that you actively do to conserve energy, if any.

(continued)
All KN respondents

	Total	Income					Overall Satisfaction		Age of home						Primary heating source			
		< \$15K	\$15K-\$25K	\$25K-\$40K	\$40-\$75K	> \$75K	Less than satis.	Satis.	<5 yrs	5-10	11-20	21-30	31-50	50+ yrs	Elec. furn.	HP/ geoth.	NG furn.	Prop. furn.
Unweighted Base	300	25	21	53	75	62	77	223	19	46	66	62	62	45	69	48	94	49
Base	300	25	21	53	75	62	77	223	19	46	66	62	62	45	69	48	94	49
Lighting	110	8	5	17	27	28	41	69	9	16	29	23	23	10	28	17	33	17
	36.7%	32.0%	23.8%	32.1%	36.0%	45.2%	53.2%	30.9%	47.4%	34.8%	43.9%	37.1%	37.1%	22.2%	40.6%	35.4%	35.1%	34.7%
							+++	---						---				
Turn the lights off when leaving the room	79	5	4	10	20	22	29	50	6	13	21	16	16	7	24	10	24	12
	26.3%	20.0%	19.0%	18.9%	26.7%	35.5%	37.7%	22.4%	31.6%	28.3%	31.8%	25.8%	25.8%	15.6%	34.8%	20.8%	25.5%	24.5%
						+	+++	---						-	+			
Use compact fluorescent light bulbs/energy-efficient bulbs	46	5	1	9	11	9	20	26	4	3	13	11	12	3	11	8	13	8
	15.3%	20.0%	4.8%	17.0%	14.7%	14.5%	26.0%	11.7%	21.1%	6.5%	19.7%	17.7%	19.4%	6.7%	15.9%	16.7%	13.8%	16.3%
							+++	---						-				
Water Heating and Water-Related Measures	40	2	5	8	6	10	10	30	2	5	7	10	12	4	11	5	16	4
	13.3%	8.0%	23.8%	15.1%	8.0%	16.1%	13.0%	13.5%	10.5%	10.9%	10.6%	16.1%	19.4%	8.9%	15.9%	10.4%	17.0%	8.2%
Keep water heater set at a medium to low temperature/shut off when not home	9	0	1	2	1	2	4	5	0	1	2	3	2	1	1	2	2	2
	3.0%	0.0%	4.8%	3.8%	1.3%	3.2%	5.2%	2.2%	0.0%	2.2%	3.0%	4.8%	3.2%	2.2%	1.4%	4.2%	2.1%	4.1%
Run the washing machine only when have full loads/at off-peak hours	9	1	1	3	0	3	2	7	0	0	1	3	4	1	4	0	4	1
	3.0%	4.0%	4.8%	5.7%	0.0%	4.8%	2.6%	3.1%	0.0%	0.0%	1.5%	4.8%	6.5%	2.2%	5.8%	0.0%	4.3%	2.0%
													+					
Installed a water-saving showerhead to reduce hot water use	5	0	1	0	2	1	1	4	0	0	1	1	2	1	2	0	3	0
	1.7%	0.0%	4.8%	0.0%	2.7%	1.6%	1.3%	1.8%	0.0%	0.0%	1.5%	1.6%	3.2%	2.2%	2.9%	0.0%	3.2%	0.0%
Installed a water heater blanket/wrap	5	1	0	1	2	0	0	5	1	0	1	2	0	1	0	1	2	0
	1.7%	4.0%	0.0%	1.9%	2.7%	0.0%	0.0%	2.2%	5.3%	0.0%	1.5%	3.2%	0.0%	2.2%	0.0%	2.1%	2.1%	0.0%

(continued)

BREC End-Use and Energy Efficiency Survey (December 2007)

Table 15: There are lots of ways in which people can reduce energy consumption in their homes. Please list for me all of the things you have done to make your home more energy-efficient or things that you actively do to conserve energy, if any.

(continued)

All KN respondents

	Income						Overall Satisfaction		Age of home						Primary heating source			
	Total	<	\$15K-	\$25K-	\$40-	>	Less than satis.	Satis.	<5 yrs	5-10	11-20	21-30	31-50	50+ yrs	Elec. furn.	HP/ geoth.	NG furn.	Prop. furn.
		\$15K	\$25K	\$40K	\$75K	\$75K												
Unweighted Base	300	25	21	53	75	62	77	223	19	46	66	62	62	45	69	48	94	49
Base	300	25	21	53	75	62	77	223	19	46	66	62	62	45	69	48	94	49
Fixed leaky faucets	4 1.3%	0 0.0%	1 4.8%	0 0.0%	1 1.3%	1 1.6%	1 1.3%	3 1.3%	0 0.0%	1 2.2%	2 3.0%	0 0.0%	1 1.6%	0 0.0%	1 1.4%	1 2.1%	2 2.1%	0 0.0%
Use cold water in the washing machine (or use hot water infrequently)	4 1.3%	0 0.0%	1 4.8%	1 1.9%	0 0.0%	2 3.2%	1 1.3%	3 1.3%	0 0.0%	1 2.2%	0 0.0%	1 1.6%	2 3.2%	0 0.0%	1 1.4%	0 0.0%	2 2.1%	1 2.0%
Don't leave water running/conserves water	4 1.3%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	1 1.6%	0 0.0%	4 1.8%	1 5.3%	1 2.2%	0 0.0%	1 1.6%	1 1.6%	0 0.0%	2 2.9%	0 0.0%	2 2.1%	0 0.0%
Run the dishwasher only when it's full/at off-peak hours	3 1.0%	1 4.0%	0 0.0%	1 1.9%	0 0.0%	1 1.6%	1 1.3%	2 0.9%	0 0.0%	0 0.0%	0 0.0%	1 1.6%	2 3.2% ++	0 0.0%	1 1.4%	0 0.0%	1 1.1%	1 2.0%
Dry clothes on a line or partially dry them on a line/don't use dryer	2 0.7%	1 4.0%	0 0.0%	1 1.9%	0 0.0%	0 0.0%	1 1.3%	1 0.4%	0 0.0%	0 0.0%	0 0.0%	1 1.6%	1 1.6%	0 0.0%	1 1.4%	0 0.0%	0 0.0%	1 2.0%
Take showers not baths/shorter showers	1 0.3%	0 0.0%	0 0.0%	1 1.9% ++	0 0.0%	0 0.0%	0 0.0%	1 0.4%	0 0.0%	0 0.0%	1 1.5% +	0 0.0%	0 0.0%	0 0.0%	1 1.4%	0 0.0% +	0 0.0%	0 0.0%
Installed low-flush toilets	1 0.3%	0 0.0%	0 0.0%	1 1.9% ++	0 0.0%	0 0.0%	1 1.3% +	0 0.0%	0 0.0%	1 2.2% ++	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0% ++	1 2.1%	0 0.0%
Other	37 12.3%	2 8.0%	3 14.3%	5 9.4%	10 13.3%	11 17.7%	9 11.7%	28 12.6%	2 10.5%	7 15.2%	11 16.7%	9 14.5%	5 8.1%	3 6.7%	9 13.0%	5 10.4%	13 13.8%	4 8.2%
Keep outside doors closed/windows closed	22 7.3%	2 8.0%	1 4.8%	3 5.7%	5 6.7%	8 12.9% +	5 6.5%	17 7.6%	0 0.0%	4 8.7%	7 10.6%	7 11.3%	1 1.6%	3 6.7%	6 8.7%	4 8.3%	7 7.4%	2 4.1%

(continued)

BREC End-Use and Energy Efficiency Survey (December 2007)

Table 15: There are lots of ways in which people can reduce energy consumption in their homes. Please list for me all of the things you have done to make your home more energy-efficient or things that you actively do to conserve energy, if any.

(continued)

All KN respondents

	Income					Overall Satisfaction		Age of home					Primary heating source					
	Total	<	\$15K-	\$25K-	\$40-	>	Less than satis.	Satis.	<5 yrs	5-10	11-20	21-30	31-50	50+ yrs	Elec. furn.	HP/ geoth.	NG furn.	Prop. furn.
		\$15K	\$25K	\$40K	\$75K	\$75K												
Unweighted Base	300	25	21	53	75	62	77	223	19	46	66	62	62	45	69	48	94	49
Base	300	25	21	53	75	62	77	223	19	46	66	62	62	45	69	48	94	49
Unplug appliances when not in use	11 3.7%	1 4.0%	1 4.8%	1 1.9%	4 5.3%	3 4.8%	5 6.5%	6 2.7%	2 10.5%	1 2.2%	2 3.0%	2 3.2%	4 6.5%	0 0.0%	4 5.8%	1 2.1%	3 3.2%	1 2.0%
Cook outside/cook things that don't take long/use grill	1 0.3%	0 0.0%	0 0.0%	1 1.9%	0 0.0%	0 0.0%	0 0.0%	1 0.4%	0 0.0%	1 2.2%	0 0.0%	1 2.0%						
Built home in the ground	1 0.3%	0 0.0%	1 4.8%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	1 0.4%	0 0.0%	0 0.0%	0 0.0%	1 1.6%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%
Don't watch TV often	1 0.3%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	1 0.4%	0 0.0%	0 0.0%	1 1.5%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	1 1.1%	0 0.0%
Used 2x6 instead of 2x4 when building home	1 0.3%	0 0.0%	0 0.0%	0 0.0%	1 1.3%	0 0.0%	0 0.0%	1 0.4%	0 0.0%	0 0.0%	1 1.5%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	1 1.1%	0 0.0%
Permanently covered patio/roof over deck	1 0.3%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	1 0.4%	0 0.0%	1 2.2%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	1 1.1%	0 0.0%
Nothing	5 1.7%	0 0.0%	1 4.8%	1 1.9%	1 1.3%	0 0.0%	0 0.0%	5 2.2%	0 0.0%	3 6.5%	0 0.0%	1 1.6%	0 0.0%	1 2.2%	1 1.4%	0 0.0%	2 2.1%	2 4.1%
Nothing	5 1.7%	0 0.0%	1 4.8%	1 1.9%	1 1.3%	0 0.0%	0 0.0%	5 2.2%	0 0.0%	3 6.5%	0 0.0%	1 1.6%	0 0.0%	1 2.2%	1 1.4%	0 0.0%	2 2.1%	2 4.1%

BREC End-Use and Energy Efficiency Survey (December 2007)

Table 16: If you were replacing a light bulb in your home, what type of bulb would you most likely use?

All KN respondents

	Gender			Financial burden of the electric bill			Number of people in the home					Length of time served by co-op				
	Total	Male	Female	Not too much	Some	Quite a bit	1	2	3	4	5+	<5 yrs.	5-10	11-15	16-25	>25 yrs.
Unweighted Base	300	161	139	148	120	32	41	148	49	42	18	32	71	37	52	108
Base	300	161	139	148	120	32	41	148	49	42	18	32	71	37	52	108
A standard incandescent light bulb	111 37.1%	56 34.8%	55 39.9%	56 37.8%	42 35.3%	13 40.6%	18 43.9%	54 36.5%	18 37.5%	14 33.3%	7 38.9%	12 37.5%	32 45.7%	10 27.0%	15 28.8%	42 38.9%
A compact fluorescent light bulb, or CFL (curly-Q shaped bulb)	184 61.5%	104 64.6%	80 58.0%	91 61.5%	76 63.9%	17 53.1%	23 56.1%	94 63.5%	28 58.3%	27 64.3%	10 55.6%	20 62.5%	37 52.9%	26 70.3%	36 69.2%	65 60.2%
Don't know	4 1.3%	1 0.6%	3 2.2%	1 0.7%	1 0.8%	2 6.3%	0 0.0%	0 0.0%	2 4.2%	1 2.4%	1 5.6%	0 0.0%	1 1.4%	1 2.7%	1 1.9%	1 0.9%
No Response	1	0	1	0	1	0	0	0	1	0	0	0	1	0	0	0
Chi Square		2.38 .304			7.18 .127				9.30 .318					6.53 .588		

(continued)

BREC End-Use and Energy Efficiency Survey (December 2007)

Table 16: If you were replacing a light bulb in your home, what type of bulb would you most likely use?

All KN respondents

	Total	Age					Type of home				Education				
		18-34	35-44	45-54	55-64	65+	Single-story	Multi-story	Mobile	Other	<HS grad	HS grad	Some college	College grad	Post college
Unweighted Base	300	19	34	79	82	79	166	71	40	23	38	129	78	33	16
Base	300	19	34	79	82	79	166	71	40	23	38	129	78	33	16
A standard incandescent light bulb	111 37.1%	7 36.8%	13 39.4%	25 31.6%	27 32.9%	37 46.8%	66 40.0%	23 32.4%	18 45.0%	4 17.4%	17 44.7%	46 35.7%	30 38.5%	10 31.3%	6 37.5%
A compact fluorescent light bulb, or CFL (curly-Q shaped bulb)	184 61.5%	12 63.2%	19 57.6%	52 65.8%	54 65.9%	42 53.2%	96 58.2%	47 66.2%	22 55.0%	19 82.6%	20 52.6%	82 63.6%	48 61.5%	21 65.6%	9 56.3%
Don't know	4 1.3%	0 0.0%	1 3.0%	2 2.5%	1 1.2%	0 0.0%	3 1.8%	1 1.4%	0 0.0%	0 0.0%	1 2.6%	1 0.8%	0 0.0%	1 3.1%	1 6.3%
No Response	1	0	1	0	0	0	1	0	0	0	0	0	0	1	0
Chi Square				7.34 .501				7.50 .277					7.10 .526		

(continued)

BREC End-Use and Energy Efficiency Survey (December 2007)

Table 16: If you were replacing a light bulb in your home, what type of bulb would you most likely use?

All KN respondents

	Total	Income					Overall Satisfaction		Age of home						Primary heating source			
		< \$15K	\$15K-\$25K	\$25K-\$40K	\$40-\$75K	> \$75K	Less than satis.	Satis.	<5 yrs	5-10	11-20	21-30	31-50	50+ yrs	Elec. furn.	HP/ geoth.	NG furn.	Prop. furn.
Unweighted Base	300	25	21	53	75	62	77	223	19	46	66	62	62	45	69	48	94	49
Base	300	25	21	53	75	62	77	223	19	46	66	62	62	45	69	48	94	49
A standard incandescent light bulb	111 37.1%	9 36.0%	7 33.3%	20 37.7%	29 39.2%	21 33.9%	25 32.5%	86 38.7%	4 21.1%	18 40.0%	22 33.3%	20 32.3%	24 38.7%	23 51.1%	27 39.7%	12 25.0%	42 44.7%	16 32.7%
A compact fluorescent light bulb, or CFL (curly-Q shaped bulb)	184 61.5%	15 60.0%	14 66.7%	33 62.3%	45 60.8%	38 61.3%	50 64.9%	134 60.4%	14 73.7%	27 60.0%	43 65.2%	41 66.1%	38 61.3%	21 46.7%	39 57.4%	36 75.0%	50 53.2%	33 67.3%
Don't know	4 1.3%	1 4.0%	0 0.0%	0 0.0%	0 0.0%	3 4.8%	2 2.6%	2 0.9%	1 5.3%	0 0.0%	1 1.5%	1 1.6%	0 0.0%	1 2.2%	2 2.9%	0 0.0%	2 2.1%	0 0.0%
No Response	1	0	0	0	1	0	0	1	0	1	0	0	0	0	1	0	0	0
Chi Square				7.33 .501			2.03 .362				10.86 .368					9.21 .162		

BREC End-Use and Energy Efficiency Survey (December 2007)

Table 17: If you had to replace the heating system for your home, what type of system would you install?

All KN respondents

	Gender		Financial burden of the electric bill			Number of people in the home					Length of time served by co-op					
	Total	Male	Female	Not too much	Some	Quite a bit	1	2	3	4	5+	<5 yrs.	5-10	11-15	16-25	>25 yrs.
Unweighted Base	300	161	139	148	120	32	41	148	49	42	18	32	71	37	52	108
Base	300	161	139	148	120	32	41	148	49	42	18	32	71	37	52	108
Electric	158	89	69	74	67	17	19	76	26	23	14	20	47	20	31	40
	53.0%	56.0%	49.6%	50.3%	55.8%	54.8%	47.5%	51.7%	53.1%	54.8%	77.8%	62.5%	67.1%	54.1%	59.6%	37.4%
Baseboard electric, ceiling cables, electric furnace	68	34	34	24	35	9	6	35	11	10	6	13	22	7	8	18
	22.8%	21.4%	24.5%	16.3%	29.2%	29.0%	15.0%	23.8%	22.4%	23.8%	33.3%	40.6%	31.4%	18.9%	15.4%	16.8%
Heat pump	47	27	20	---	++	7	8	26	4	7	2	6	15	6	11	9
	15.8%	17.0%	14.4%	18.4%	10.8%	22.6%	20.0%	17.7%	8.2%	16.7%	11.1%	18.8%	21.4%	16.2%	21.2%	8.4%
Geothermal system	29	18	11	16	13	0	2	11	8	5	3	1	6	4	8	10
	9.7%	11.3%	7.9%	10.9%	10.8%	0.0%	5.0%	7.5%	16.3%	11.9%	16.7%	3.1%	8.6%	10.8%	15.4%	9.3%
Dual-fuel system	11	9	2	5	6	0	1	3	3	1	3	0	3	3	3	2
	3.7%	5.7%	1.4%	3.4%	5.0%	0.0%	2.5%	2.0%	6.1%	2.4%	16.7%	0.0%	4.3%	8.1%	5.8%	1.9%
Electric space heaters	1	0	1	0	0	1	0	1	0	0	0	0	0	0	1	0
	0.3%	0.0%	0.7%	0.0%	0.0%	3.2%	0.0%	0.7%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	1.9%	0.0%
Something electric, but no specific system	2	1	1	2	0	0	2	0	0	0	0	0	1	0	0	1
	0.7%	0.6%	0.7%	1.4%	0.0%	0.0%	5.0%	0.0%	0.0%	0.0%	0.0%	0.0%	1.4%	0.0%	0.0%	0.9%
Gas	111	59	52	59	45	7	18	58	19	13	2	9	17	15	18	52
	37.2%	37.1%	37.4%	40.1%	37.5%	22.6%	45.0%	39.5%	38.8%	31.0%	11.1%	28.1%	24.3%	40.5%	34.6%	48.6%
Natural gas furnace	70	32	38	35	30	5	11	32	14	12	1	7	12	11	11	29
	23.5%	20.1%	27.3%	23.8%	25.0%	16.1%	27.5%	21.8%	28.6%	28.6%	5.6%	21.9%	17.1%	29.7%	21.2%	27.1%
Propane furnace	39	27	12	23	14	2	7	25	4	1	1	2	5	4	7	21
	13.1%	17.0%	8.6%	15.6%	11.7%	6.5%	17.5%	17.0%	8.2%	2.4%	5.6%	6.3%	7.1%	10.8%	13.5%	19.6%

(continued)

BREC End-Use and Energy Efficiency Survey (December 2007)

Table 17: If you had to replace the heating system for your home, what type of system would you install?

(continued)

All KN respondents

	Gender		Financial burden of the electric bill			Number of people in the home					Length of time served by co-op					
	Total	Male	Female	Not too much	Some	Quite a bit	1	2	3	4	5+	<5 yrs.	5-10	11-15	16-25	>25 yrs.
Unweighted Base	300	161	139	148	120	32	41	148	49	42	18	32	71	37	52	108
Base	300	161	139	148	120	32	41	148	49	42	18	32	71	37	52	108
Propane space heater	2 0.7%	0 0.0%	2 1.4%	1 0.7%	1 0.8%	0 0.0%	0 0.0%	1 0.7%	1 2.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	2 1.9% +
Other	12 4.0%	6 3.8%	6 4.3%	5 3.4%	4 3.3%	3 9.7%	0 0.0%	4 2.7%	3 6.1%	4 9.5%	1 5.6%	1 3.1%	3 4.3%	2 5.4%	0 0.0%	6 5.6%
Wood, coal, kerosene, fuel oil	11 3.7%	6 3.8%	5 3.6%	5 3.4%	3 2.5%	3 9.7%	0 0.0%	4 2.7%	3 6.1%	4 9.5%	0 0.0%	1 3.1%	3 4.3%	2 5.4%	0 0.0%	5 4.7%
Boiler system	1 0.3%	0 0.0%	1 0.7%	0 0.0%	1 0.8%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	1 5.6%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	1 0.9%
Don't know	17 5.7%	5 3.1%	12 8.6%	9 6.1%	4 3.3%	4 12.9%	3 7.5%	9 6.1%	1 2.0%	2 4.8%	1 5.6%	2 6.3%	3 4.3%	0 0.0%	3 5.8%	9 8.4%
Don't know	17 5.7%	5 3.1%	12 8.6%	9 6.1%	4 3.3%	4 12.9%	3 7.5%	9 6.1%	1 2.0%	2 4.8%	1 5.6%	2 6.3%	3 4.3%	0 0.0%	3 5.8%	9 8.4%
No Response	2	2	0	1	0	1	1	1	0	0	0	0	1	0	0	1

(continued)

BREC End-Use and Energy Efficiency Survey (December 2007)

Table 17: If you had to replace the heating system for your home, what type of system would you install?

All KN respondents

	Age						Type of home				Education				
	Total	18-34	35-44	45-54	55-64	65+	Single-story	Multi-story	Mobile	Other	<HS grad	HS grad	Some college	College grad	Post college
Unweighted Base	300	19	34	79	82	79	166	71	40	23	38	129	78	33	16
Base	300	19	34	79	82	79	166	71	40	23	38	129	78	33	16
Electric	158	12	18	50	40	36	82	33	26	17	18	63	45	23	7
	53.0%	63.2%	52.9%	64.1%	49.4%	45.6%	50.0%	46.5%	65.0%	73.9%	48.6%	49.2%	57.7%	69.7%	43.8%
Baseboard electric, ceiling cables, electric furnace	68	7	7	24	12	17	26	13	18	11	10	38	11	6	2
	22.8%	36.8%	20.6%	30.8%	14.8%	21.5%	15.9%	18.3%	45.0%	47.8%	27.0%	29.7%	14.1%	18.2%	12.5%
Heat pump	47	2	6	10	19	9	33	4	4	6	3	13	20	7	3
	15.8%	10.5%	17.6%	12.8%	23.5%	11.4%	20.1%	5.6%	10.0%	26.1%	8.1%	10.2%	25.6%	21.2%	18.8%
Geothermal system	29	3	3	12	4	7	16	10	3	0	4	7	10	8	0
	9.7%	15.8%	8.8%	15.4%	4.9%	8.9%	9.8%	14.1%	7.5%	0.0%	10.8%	5.5%	12.8%	24.2%	0.0%
Dual-fuel system	11	0	2	3	4	2	5	5	1	0	0	3	4	2	2
	3.7%	0.0%	5.9%	3.8%	4.9%	2.5%	3.0%	7.0%	2.5%	0.0%	0.0%	2.3%	5.1%	6.1%	12.5%
Electric space heaters	1	0	0	0	1	0	1	0	0	0	0	1	0	0	0
	0.3%	0.0%	0.0%	0.0%	1.2%	0.0%	0.6%	0.0%	0.0%	0.0%	0.0%	0.8%	0.0%	0.0%	0.0%
Something electric, but no specific system	2	0	0	1	0	1	1	1	0	0	1	1	0	0	0
	0.7%	0.0%	0.0%	1.3%	0.0%	1.3%	0.6%	1.4%	0.0%	0.0%	2.7%	0.8%	0.0%	0.0%	0.0%
Gas	111	6	12	16	35	39	69	28	9	5	15	52	25	8	8
	37.2%	31.6%	35.3%	20.5%	43.2%	49.4%	42.1%	39.4%	22.5%	21.7%	40.5%	40.6%	32.1%	24.2%	50.0%
Natural gas furnace	70	5	9	9	23	22	48	16	4	2	8	27	21	4	8
	23.5%	26.3%	26.5%	11.5%	28.4%	27.8%	29.3%	22.5%	10.0%	8.7%	21.6%	21.1%	26.9%	12.1%	50.0%
Propane furnace	39	1	3	7	11	16	20	11	5	3	7	23	4	4	0
	13.1%	5.3%	8.8%	9.0%	13.6%	20.3%	12.2%	15.5%	12.5%	13.0%	18.9%	18.0%	5.1%	12.1%	0.0%

(continued)

BREC End-Use and Energy Efficiency Survey (December 2007)

Table 17: If you had to replace the heating system for your home, what type of system would you install?

(continued)

All KN respondents

	Age					Type of home				Education					
	Total	18-34	35-44	45-54	55-64	65+	Single-story	Multi-story	Mobile	Other	<HS grad	HS grad	Some college	College grad	Post college
Unweighted Base	300	19	34	79	82	79	166	71	40	23	38	129	78	33	16
Base	300	19	34	79	82	79	166	71	40	23	38	129	78	33	16
Propane space heater	2 0.7%	0 0.0%	0 0.0%	0 0.0%	1 1.2%	1 1.3%	1 0.6%	1 1.4%	0 0.0%	0 0.0%	0 0.0%	2 1.6%	0 0.0%	0 0.0%	0 0.0%
Other	12 4.0%	1 5.3%	2 5.9%	6 7.7%	2 2.5%	1 1.3%	6 3.7%	3 4.2%	2 5.0%	1 4.3%	2 5.4%	7 5.5%	3 3.8%	0 0.0%	0 0.0%
Wood, coal, kerosene, fuel oil	11 3.7%	1 5.3%	2 5.9%	5 6.4%	2 2.5%	1 1.3%	6 3.7%	2 2.8%	2 5.0%	1 4.3%	2 5.4%	7 5.5%	2 2.6%	0 0.0%	0 0.0%
Boiler system	1 0.3%	0 0.0%	0 0.0%	1 1.3%	0 0.0%	0 0.0%	0 0.0%	1 1.4%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	1 1.3%	0 0.0%	0 0.0%
Don't know	17 5.7%	0 0.0%	2 5.9%	6 7.7%	4 4.9%	3 3.8%	7 4.3%	7 9.9%	3 7.5%	0 0.0%	2 5.4%	6 4.7%	5 6.4%	2 6.1%	1 6.3%
Don't know	17 5.7%	0 0.0%	2 5.9%	6 7.7%	4 4.9%	3 3.8%	7 4.3%	7 9.9%	3 7.5%	0 0.0%	2 5.4%	6 4.7%	5 6.4%	2 6.1%	1 6.3%
No Response	2	0	0	1	1	0	2	0	0	0	1	1	0	0	0

(continued)

BREC End-Use and Energy Efficiency Survey (December 2007)

Table 17: If you had to replace the heating system for your home, what type of system would you install?

All KN respondents

	Income					Overall Satisfaction		Age of home					Primary heating source					
	Total	< \$15K	\$15K-\$25K	\$25K-\$40K	\$40-\$75K	> \$75K	Less than satis.	Satis.	<5 yrs	5-10	11-20	21-30	31-50	50+ yrs	Elec. furn.	HP/ geoth.	NG furn.	Prop. furn.
Unweighted Base	300	25	21	53	75	62	77	223	19	46	66	62	62	45	69	48	94	49
Base	300	25	21	53	75	62	77	223	19	46	66	62	62	45	69	48	94	49
Electric	158	17	10	23	46	35	46	112	11	31	38	40	24	14	54	45	26	12
	53.0%	68.0%	47.6%	44.2%	62.2%	56.5%	59.7%	50.7%	57.9%	67.4%	58.5%	64.5%	39.3%	31.1%	78.3%	93.8%	28.0%	24.5%
Baseboard electric, ceiling cables, electric furnace	68	8	4	15	23	5	19	49	3	13	22	16	10	4	46	3	3	7
	22.8%	32.0%	19.0%	28.8%	31.1%	8.1%	24.7%	22.2%	15.8%	28.3%	33.8%	25.8%	16.4%	8.9%	66.7%	6.3%	3.2%	14.3%
Heat pump	47	6	3	5	12	13	15	32	6	10	6	15	5	5	5	26	6	2
	15.8%	24.0%	14.3%	9.6%	16.2%	21.0%	19.5%	14.5%	31.6%	21.7%	9.2%	24.2%	8.2%	11.1%	7.2%	54.2%	6.5%	4.1%
Geothermal system	29	0	2	3	9	11	10	19	1	5	6	5	8	4	3	10	10	3
	9.7%	0.0%	9.5%	5.8%	12.2%	17.7%	13.0%	8.6%	5.3%	10.9%	9.2%	8.1%	13.1%	8.9%	4.3%	20.8%	10.8%	6.1%
Dual-fuel system	11	1	0	0	2	6	2	9	1	2	4	3	1	0	0	5	5	0
	3.7%	4.0%	0.0%	0.0%	2.7%	9.7%	2.6%	4.1%	5.3%	4.3%	6.2%	4.8%	1.6%	0.0%	0.0%	10.4%	5.4%	0.0%
Electric space heaters	1	1	0	0	0	0	0	1	0	0	0	1	0	0	0	1	0	0
	0.3%	4.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.5%	0.0%	0.0%	0.0%	1.6%	0.0%	0.0%	0.0%	2.1%	0.0%	0.0%
Something electric, but no specific system	2	1	1	0	0	0	0	2	0	1	0	0	0	1	0	0	2	0
	0.7%	4.0%	4.8%	0.0%	0.0%	0.0%	0.0%	0.9%	0.0%	2.2%	0.0%	0.0%	0.0%	2.2%	0.0%	0.0%	2.2%	0.0%
Gas	111	6	10	21	21	24	24	87	6	12	20	20	31	22	8	1	59	35
	37.2%	24.0%	47.6%	40.4%	28.4%	38.7%	31.2%	39.4%	31.6%	26.1%	30.8%	32.3%	50.8%	48.9%	11.6%	2.1%	63.4%	71.4%
Natural gas furnace	70	3	5	8	15	19	12	58	6	6	12	15	22	9	7	1	59	1
	23.5%	12.0%	23.8%	15.4%	20.3%	30.6%	15.6%	26.2%	31.6%	13.0%	18.5%	24.2%	36.1%	20.0%	10.1%	2.1%	63.4%	2.0%

(continued)

BREC End-Use and Energy Efficiency Survey (December 2007)

Table 17: If you had to replace the heating system for your home, what type of system would you install?

(continued)
All KN respondents

	Total	Income					Overall Satisfaction		Age of home						Primary heating source			
		< \$15K	\$15K-\$25K	\$25K-\$40K	\$40-\$75K	> \$75K	Less than satis.	Satis.	<5 yrs	5-10	11-20	21-30	31-50	50+ yrs	Elec. furn.	HP/ geoth.	NG furn.	Prop. furn.
Unweighted Base	300	25	21	53	75	62	77	223	19	46	66	62	62	45	69	48	94	49
Base	300	25	21	53	75	62	77	223	19	46	66	62	62	45	69	48	94	49
Propane furnace	39 13.1%	3 12.0%	5 23.8%	12 23.1%	6 8.1%	5 8.1%	12 15.6%	27 12.2%	0 0.0%	6 13.0%	8 12.3%	4 6.5%	9 14.8%	12 26.7%	1 1.4%	0 0.0%	0 0.0%	34 69.4%
Propane space heater	2 0.7%	0 0.0%	0 0.0%	1 1.9%	0 0.0%	0 0.0%	0 0.0%	2 0.9%	0 0.0%	0 0.0%	0 0.0%	1 1.6%	0 0.0%	1 2.2%	0 0.0%	0 0.0%	0 0.0%	0 0.0%
Other	12 4.0%	2 8.0%	0 0.0%	4 7.7%	2 2.7%	0 0.0%	4 5.2%	8 3.6%	1 5.3%	0 0.0%	4 6.2%	1 1.6%	2 3.3%	4 8.9%	3 4.3%	0 0.0%	1 1.1%	2 4.1%
Wood, coal, kerosene, fuel oil	11 3.7%	2 8.0%	0 0.0%	3 5.8%	2 2.7%	0 0.0%	4 5.2%	7 3.2%	1 5.3%	0 0.0%	4 6.2%	1 1.6%	1 1.6%	4 8.9%	3 4.3%	0 0.0%	1 1.1%	1 2.0%
Boiler system	1 0.3%	0 0.0%	0 0.0%	1 1.9%	0 0.0%	0 0.0%	0 0.0%	1 0.5%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	1 1.6%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	1 2.0%
Don't know	17 5.7%	0 0.0%	1 4.8%	4 7.7%	5 6.8%	3 4.8%	3 3.9%	14 6.3%	1 5.3%	3 6.5%	3 4.6%	1 1.6%	4 6.6%	5 11.1%	4 5.8%	2 4.2%	7 7.5%	0 0.0%
Don't know	17 5.7%	0 0.0%	1 4.8%	4 7.7%	5 6.8%	3 4.8%	3 3.9%	14 6.3%	1 5.3%	3 6.5%	3 4.6%	1 1.6%	4 6.6%	5 11.1%	4 5.8%	2 4.2%	7 7.5%	0 0.0%
No Response	2	0	0	1	1	0	0	2	0	0	1	0	1	0	0	0	1	0

BREC End-Use and Energy Efficiency Survey (December 2007)

Table 18: In this part of the country, what is the recommended **minimum** amount of insulation you should have in your attic? Is it:

All KN respondents

	Gender		Financial burden of the electric bill			Number of people in the home					Length of time served by co-op					
	Total	Male	Female	Not too much	Some	Quite a bit	1	2	3	4	5+	<5 yrs.	5-10	11-15	16-25	>25 yrs.
Unweighted Base	300	161	139	148	120	32	41	148	49	42	18	32	71	37	52	108
Base	300	161	139	148	120	32	41	148	49	42	18	32	71	37	52	108
At least 6 inches	99 33.1%	57 35.4%	42 30.4%	48 32.4%	44 37.0%	7 21.9%	14 34.1%	54 36.5%	14 29.2%	12 28.6%	4 22.2%	12 37.5%	22 31.0%	8 22.2%	16 30.8%	41 38.0%
At least 12 inches	113 37.8%	72 44.7%	41 29.7%	56 37.8%	46 38.7%	11 34.4%	9 22.0%	56 37.8%	23 47.9%	19 45.2%	6 33.3%	12 37.5%	26 36.6%	17 47.2%	26 50.0%	32 29.6%
At least 20 inches	12 4.0%	7 4.3%	5 3.6%	5 3.4%	4 3.4%	3 9.4%	2 4.9%	5 3.4%	2 4.2%	1 2.4%	2 11.1%	1 3.1%	2 2.8%	2 5.6%	1 1.9%	6 5.6%
Don't know	75 25.1%	25 15.5%	50 36.2%	39 26.4%	25 21.0%	11 34.4%	16 39.0%	33 22.3%	9 18.8%	10 23.8%	6 33.3%	7 21.9%	21 29.6%	9 25.0%	9 17.3%	29 26.9%
No Response	1	0	1	0	1	0	0	0	1	0	0	0	0	1	0	0
Chi Square		17.78 .001		6.45 .375			14.05 .297					11.08 .522				

(continued)

BREC End-Use and Energy Efficiency Survey (December 2007)

Table 18: In this part of the country, what is the recommended **minimum** amount of insulation you should have in your attic? Is it:

All KN respondents

	Age					Type of home				Education					
	Total	18-34	35-44	45-54	55-64	65+	Single-story	Multi-story	Mobile	Other	<HS grad	HS grad	Some college	College grad	Post college
Unweighted Base	300	19	34	79	82	79	166	71	40	23	38	129	78	33	16
Base	300	19	34	79	82	79	166	71	40	23	38	129	78	33	16
At least 6 inches	99 33.1%	7 36.8%	10 29.4%	20 25.3%	27 33.3%	32 40.5%	60 36.1%	21 30.0%	9 22.5%	9 39.1%	11 29.7%	47 36.4%	24 30.8%	10 30.3%	4 25.0%
At least 12 inches	113 37.8%	7 36.8%	13 38.2%	41 51.9%	31 38.3%	20 25.3%	62 37.3%	31 44.3%	10 25.0%	10 43.5%	14 37.8%	43 33.3%	34 43.6%	15 45.5%	6 37.5%
At least 20 inches	12 4.0%	0 0.0%	1 2.9%	3 3.8%	7 8.6%	1 1.3%	5 3.0%	5 7.1%	2 5.0%	0 0.0%	2 5.4%	3 2.3%	5 6.4%	1 3.0%	1 6.3%
Don't know	75 25.1%	5 26.3%	10 29.4%	15 19.0%	16 19.8%	26 32.9%	39 23.5%	13 18.6%	19 47.5%	4 17.4%	10 27.0%	36 27.9%	15 19.2%	7 21.2%	5 31.3%
No Response	1	0	0	0	1	0	0	1	0	0	1	0	0	0	0
Chi Square				21.14 .048				18.05 .035					7.35 .834		

(continued)

BREC End-Use and Energy Efficiency Survey (December 2007)

Table 18: In this part of the country, what is the recommended **minimum** amount of insulation you should have in your attic? Is it:

All KN respondents

	Total	Income					Overall Satisfaction		Age of home						Primary heating source			
		< \$15K	\$15K-\$25K	\$25K-\$40K	\$40-\$75K	> \$75K	Less than satis.	Satis.	<5 yrs	5-10	11-20	21-30	31-50	50+ yrs	Elec. furn.	HP/ geoth.	NG furn.	Prop. furn.
Unweighted Base	300	25	21	53	75	62	77	223	19	46	66	62	62	45	69	48	94	49
Base	300	25	21	53	75	62	77	223	19	46	66	62	62	45	69	48	94	49
At least 6 inches	99 33.1%	8 32.0%	8 38.1%	19 35.8%	26 35.1%	18 29.0%	24 31.2%	75 33.8%	4 21.1%	14 30.4%	17 25.8%	27 44.3%	20 32.3%	17 37.8%	23 33.3%	14 29.2%	27 29.0%	19 38.8%
At least 12 inches	113 37.8%	6 24.0%	5 23.8%	25 47.2%	27 36.5%	32 51.6%	35 45.5%	78 35.1%	6 31.6%	22 47.8%	30 45.5%	22 36.1%	23 37.1%	10 22.2%	23 33.3%	22 45.8%	38 40.9%	14 28.6%
At least 20 inches	12 4.0%	2 8.0%	1 4.8%	2 3.8%	2 2.7%	1 1.6%	3 3.9%	9 4.1%	1 5.3%	1 2.2%	2 3.0%	3 4.9%	2 3.2%	3 6.7%	3 4.3%	2 4.2%	4 4.3%	3 6.1%
Don't know	75 25.1%	9 36.0%	7 33.3%	7 13.2%	19 25.7%	11 17.7%	15 19.5%	60 27.0%	8 42.1%	9 19.6%	17 25.8%	9 14.8%	17 27.4%	15 33.3%	20 29.0%	10 20.8%	24 25.8%	13 26.5%
No Response	1	0	0	0	1	0	0	1	0	0	0	1	0	0	0	0	1	0
Chi Square				15.04 .239			3.03 .387				18.35 .245					4.68 .861		

BREC End-Use and Energy Efficiency Survey (December 2007)

Table 19: If you were going to add insulation to your attic, what kind would you choose?

All KN respondents

	Gender		Financial burden of the electric bill			Number of people in the home					Length of time served by co-op					
	Total	Male	Female	Not too much	Some	Quite a bit	1	2	3	4	5+	<5 yrs.	5-10	11-15	16-25	>25 yrs.
Unweighted Base	300	161	139	148	120	32	41	148	49	42	18	32	71	37	52	108
Base	300	161	139	148	120	32	41	148	49	42	18	32	71	37	52	108
UNAIDED: Fiberglass/pink stuff (pink, yellow or white; comes in batts, rolls, or blankets and can also be blown in)	87 29.2%	50 31.1%	37 27.0%	42 28.4%	39 32.5%	6 20.0%	15 36.6%	46 31.3%	17 34.7%	8 19.5%	1 5.6%	9 28.1%	25 35.2%	8 22.9%	10 19.2%	35 32.4%
PROMPTED: Fiberglass (pink, yellow or white; comes in batts, rolls, or blankets and can also be blown in)	61 20.5%	40 24.8%	21 15.3%	33 22.3%	22 18.3%	6 20.0%	3 7.3%	38 25.9%	8 16.3%	7 17.1%	5 27.8%	9 28.1%	12 16.9%	8 22.9%	10 19.2%	22 20.4%
PROMPTED: Cellulose (gray and is blown in)	48 16.1%	28 17.4%	20 14.6%	21 14.2%	18 15.0%	9 30.0%	3 7.3%	17 11.6%	12 24.5%	11 26.8%	5 27.8%	4 12.5%	11 15.5%	4 11.4%	13 25.0%	16 14.8%
UNAIDED: Cellulose (gray and is blown in)	28 9.4%	22 13.7%	6 4.4%	11 7.4%	15 12.5%	2 6.7%	5 12.2%	11 7.5%	5 10.2%	5 12.2%	2 11.1%	1 3.1%	9 12.7%	5 14.3%	6 11.5%	7 6.5%
PROMPTED, BUT COULDN'T IDENTIFY KIND: Blown-in, but unsure which kind	21 7.0%	8 5.0%	13 9.5%	15 10.1%	5 4.2%	1 3.3%	3 7.3%	12 8.2%	3 6.1%	3 7.3%	0 0.0%	2 6.3%	3 4.2%	4 11.4%	4 7.7%	8 7.4%
Don't know	53 17.8%	13 8.1%	40 29.2%	26 17.6%	21 17.5%	6 20.0%	12 29.3%	23 15.6%	4 8.2%	7 17.1%	5 27.8%	7 21.9%	11 15.5%	6 17.1%	9 17.3%	20 18.5%
No Response	2	0	2	0	0	2	0	1	0	1	0	0	0	2	0	0

(continued)

BREC End-Use and Energy Efficiency Survey (December 2007)

Table 19: If you were going to add insulation to your attic, what kind would you choose?

All KN respondents

	Total	Age					Type of home				Education				
		18-34	35-44	45-54	55-64	65+	Single-story	Multi-story	Mobile	Other	<HS grad	HS grad	Some college	College grad	Post college
Unweighted Base	300	19	34	79	82	79	166	71	40	23	38	129	78	33	16
Base	300	19	34	79	82	79	166	71	40	23	38	129	78	33	16
UNAIDED: Fiberglass/pink stuff (pink, yellow or white; comes in batts, rolls, or blankets and can also be blown in)	87 29.2%	3 15.8%	7 21.2%	26 33.3%	28 34.1%	21 26.6%	51 30.7%	16 22.5%	12 31.6%	8 34.8%	9 23.7%	31 24.2%	31 40.3% ++	7 21.2%	8 50.0%
PROMPTED: Fiberglass (pink, yellow or white; comes in batts, rolls, or blankets and can also be blown in)	61 20.5%	6 31.6%	7 21.2%	13 16.7%	18 22.0%	17 21.5%	38 22.9%	16 22.5%	4 10.5%	3 13.0%	11 28.9%	31 24.2%	12 15.6%	5 15.2%	2 12.5%
PROMPTED: Cellulose (gray and is blown in)	48 16.1%	6 31.6%	6 18.2%	13 16.7%	11 13.4%	12 15.2%	22 13.3%	14 19.7%	10 26.3%	2 8.7%	5 13.2%	22 17.2%	13 16.9%	6 18.2%	1 6.3%
UNAIDED: Cellulose (gray and is blown in)	28 9.4%	0 0.0%	5 15.2%	8 10.3%	10 12.2%	4 5.1%	17 10.2%	8 11.3%	0 0.0%	3 13.0%	2 5.3%	11 8.6%	7 9.1%	6 18.2%	1 6.3%
PROMPTED, BUT COULDN'T IDENTIFY KIND: Blown-in, but unsure which kind	21 7.0%	1 5.3%	3 9.1%	6 7.7%	3 3.7%	8 10.1%	14 8.4%	3 4.2%	1 2.6%	3 13.0%	1 2.6%	11 8.6%	6 7.8%	2 6.1%	1 6.3%
Don't know	53 17.8%	3 15.8%	5 15.2%	12 15.4%	12 14.6%	17 21.5%	24 14.5%	14 19.7%	11 28.9%	4 17.4%	10 26.3%	22 17.2%	8 10.4%	7 21.2%	3 18.8%
No Response	2	0	1	1	0	0	0	0	2	0	0	1	1	0	0

(continued)

BREC End-Use and Energy Efficiency Survey (December 2007)

Table 19: If you were going to add insulation to your attic, what kind would you choose?

All KN respondents

	Total	Income					Overall Satisfaction		Age of home						Primary heating source			
		< \$15K	\$15K-\$25K	\$25K-\$40K	\$40-\$75K	> \$75K	Less than satis.	Satis.	<5 yrs	5-10	11-20	21-30	31-50	50+ yrs	Elec. furn.	HP/ geoth.	NG furn.	Prop. furn.
Unweighted Base	300	25	21	53	75	62	77	223	19	46	66	62	62	45	69	48	94	49
Base	300	25	21	53	75	62	77	223	19	46	66	62	62	45	69	48	94	49
UNAIDED: Fiberglass/pink stuff (pink, yellow or white; comes in batts, rolls, or blankets and can also be blown in)	87 29.2%	4 17.4%	3 14.3%	18 34.0%	27 36.0%	17 27.4%	25 32.5%	62 28.1%	3 15.8%	13 28.3%	20 30.3%	22 36.7%	16 25.8%	13 28.9%	23 33.8%	17 35.4%	25 26.6%	11 22.4%
PROMPTED: Fiberglass (pink, yellow or white; comes in batts, rolls, or blankets and can also be blown in)	61 20.5%	8 34.8%	7 33.3%	10 18.9%	16 21.3%	12 19.4%	13 16.9%	48 21.7%	7 36.8%	10 21.7%	13 19.7%	8 13.3%	15 24.2%	8 17.8%	12 17.6%	7 14.6%	21 22.3%	12 24.5%
PROMPTED: Cellulose (gray and is blown in)	48 16.1%	7 30.4%	5 23.8%	9 17.0%	11 14.7%	11 17.7%	17 22.1%	31 14.0%	2 10.5%	7 15.2%	10 15.2%	9 15.0%	13 21.0%	7 15.6%	12 17.6%	11 22.9%	11 11.7%	6 12.2%
UNAIDED: Cellulose (gray and is blown in)	28 9.4%	0 0.0%	1 4.8%	5 9.4%	5 6.7%	9 14.5%	4 5.2%	24 10.9%	2 10.5%	5 10.9%	6 9.1%	11 18.3%	3 4.8%	1 2.2%	5 7.4%	6 12.5%	9 9.6%	4 8.2%
PROMPTED, BUT COULDN'T IDENTIFY KIND: Blown-in, but unsure which kind	21 7.0%	1 4.3%	2 9.5%	2 3.8%	6 8.0%	4 6.5%	6 7.8%	15 6.8%	0 0.0%	3 6.5%	8 12.1%	3 5.0%	4 6.5%	3 6.7%	4 5.9%	3 6.3%	8 8.5%	3 6.1%
Don't know	53 17.8%	3 13.0%	3 14.3%	9 17.0%	10 13.3%	9 14.5%	12 15.6%	41 18.6%	5 26.3%	8 17.4%	9 13.6%	7 11.7%	11 17.7%	13 28.9%	12 17.6%	4 8.3%	20 21.3%	13 26.5%
No Response	2	2	0	0	0	0	0	2	0	0	0	2	0	0	1	0	0	0

BREC End-Use and Energy Efficiency Survey (December 2007)

Table 20: If you were purchasing replacement windows for your home, what features would you look for?

All KN respondents

	Gender		Financial burden of the electric bill			Number of people in the home					Length of time served by co-op					
	Total	Male	Female	Not too much	Some	Quite a bit	1	2	3	4	5+	<5 yrs.	5-10	11-15	16-25	>25 yrs.
Unweighted Base	300	161	139	148	120	32	41	148	49	42	18	32	71	37	52	108
Base	300	161	139	148	120	32	41	148	49	42	18	32	71	37	52	108
Double-pane/multiple pane/more than one pane/encasement	162 54.0%	97 60.2%	65 46.8%	85 57.4%	58 48.3%	19 59.4%	17 41.5%	91 61.5%	20 40.8%	24 57.1%	10 55.6%	18 56.3%	37 52.1%	23 62.2%	25 48.1%	59 54.6%
Tilt-in/easy to clean	111 37.0%	47 29.2%	64 46.0%	50 33.8%	52 43.3%	9 28.1%	14 34.1%	49 33.1%	22 44.9%	17 40.5%	8 44.4%	10 31.3%	29 40.8%	15 40.5%	23 44.2%	34 31.5%
Energy-efficient (generic)	51 17.0%	31 19.3%	20 14.4%	25 16.9%	21 17.5%	5 15.6%	5 12.2%	28 18.9%	6 12.2%	8 19.0%	3 16.7%	3 9.4%	13 18.3%	5 13.5%	10 19.2%	20 18.5%
Air-tight/good seal	35 11.7%	13 8.1%	22 15.8%	16 10.8%	17 14.2%	2 6.3%	6 14.6%	14 9.5%	5 10.2%	5 11.9%	4 22.2%	5 15.6%	7 9.9%	4 10.8%	5 9.6%	14 13.0%
Low-E coating/(clear) coating to prevent heat and UV rays from passing through the glass	25 8.3%	17 10.6%	8 5.8%	14 9.5%	10 8.3%	1 3.1%	3 7.3%	12 8.1%	2 4.1%	6 14.3%	1 5.6%	0 0.0%	8 11.3%	7 18.9%	6 11.5%	4 3.7%
Thermal	25 8.3%	15 9.3%	10 7.2%	13 8.8%	9 7.5%	3 9.4%	4 9.8%	12 8.1%	4 8.2%	4 9.5%	1 5.6%	2 6.3%	6 8.5%	3 8.1%	4 7.7%	10 9.3%
Gas filled/gas between the panes	15 5.0%	10 6.2%	5 3.6%	7 4.7%	5 4.2%	3 9.4%	2 4.9%	8 5.4%	4 8.2%	1 2.4%	0 0.0%	2 6.3%	2 2.8%	4 10.8%	2 3.8%	5 4.6%
Insulated (non-specific)	13 4.3%	5 3.1%	8 5.8%	6 4.1%	4 3.3%	3 9.4%	2 4.9%	7 4.7%	2 4.1%	2 4.8%	0 0.0%	2 6.3%	3 4.2%	1 2.7%	4 7.7%	3 2.8%
Tinted	9 3.0%	2 1.2%	7 5.0%	4 2.7%	3 2.5%	2 6.3%	2 4.9%	4 2.7%	2 4.1%	1 2.4%	0 0.0%	0 0.0%	2 2.8%	1 2.7%	3 5.8%	3 2.8%
Vinyl frame work	6 2.0%	4 2.5%	2 1.4%	4 2.7%	2 1.7%	0 0.0%	1 2.4%	2 1.4%	1 2.0%	1 2.4%	1 5.6%	2 6.3%	1 1.4%	1 2.7%	0 0.0%	2 1.9%

(continued)

BREC End-Use and Energy Efficiency Survey (December 2007)

Table 20: If you were purchasing replacement windows for your home, what features would you look for?

(continued)
All KN respondents

	Gender		Financial burden of the electric bill			Number of people in the home					Length of time served by co-op					
	Total	Male	Female	Not too much	Some	Quite a bit	1	2	3	4	5+	<5 yrs.	5-10	11-15	16-25	>25 yrs.
Unweighted Base	300	161	139	148	120	32	41	148	49	42	18	32	71	37	52	108
Base	300	161	139	148	120	32	41	148	49	42	18	32	71	37	52	108
R-factor	5 1.7%	4 2.5%	1 0.7%	4 2.7%	1 0.8%	0 0.0%	0 0.0%	3 2.0%	2 4.1%	0 0.0%	0 0.0%	1 3.1%	0 0.0%	2 5.4%	2 3.8%	0 0.0%
Safe locking mechanism	5 1.7%	3 1.9%	2 1.4%	3 2.0%	2 1.7%	0 0.0%	0 0.0%	2 1.4%	0 0.0%	2 4.8%	0 0.0%	1 3.1%	3 4.2%	0 0.0%	1 1.9%	0 0.0%
Price	4 1.3%	3 1.9%	1 0.7%	1 0.7%	3 2.5%	0 0.0%	1 2.4%	2 1.4%	1 2.0%	0 0.0%	0 0.0%	0 0.0%	2 2.8%	1 2.7%	1 1.9%	0 0.0%
Maintenance free	4 1.3%	3 1.9%	1 0.7%	3 2.0%	1 0.8%	0 0.0%	1 2.4%	1 0.7%	1 2.0%	0 0.0%	1 5.6%	0 0.0%	0 0.0%	1 2.7%	0 0.0%	3 2.8%
Easy to open	3 1.0%	1 0.6%	2 1.4%	1 0.7%	2 1.7%	0 0.0%	1 2.4%	1 0.7%	1 2.0%	0 0.0%	0 0.0%	2 6.3%	1 1.4%	0 0.0%	0 0.0%	0 0.0%
Blinds in the middle	3 1.0%	1 0.6%	2 1.4%	1 0.7%	2 1.7%	0 0.0%	1 2.4%	2 1.4%	0 0.0%	0 0.0%	0 0.0%	1 3.1%	0 0.0%	0 0.0%	1 1.9%	1 0.9%
Brand name	2 0.7%	1 0.6%	1 0.7%	1 0.7%	1 0.8%	0 0.0%	0 0.0%	1 0.7%	0 0.0%	1 2.4%	0 0.0%	0 0.0%	1 1.4%	1 2.7%	0 0.0%	0 0.0%
Double hung	2 0.7%	1 0.6%	1 0.7%	1 0.7%	1 0.8%	0 0.0%	0 0.0%	2 1.4%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	2 1.9%
Energy Star	2 0.7%	1 0.6%	1 0.7%	2 1.4%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	1 2.0%	1 2.4%	0 0.0%	0 0.0%	1 1.4%	1 2.7%	0 0.0%	0 0.0%

(continued)

BREC End-Use and Energy Efficiency Survey (December 2007)

Table 20: If you were purchasing replacement windows for your home, what features would you look for?

(continued)
All KN respondents

	Gender		Financial burden of the electric bill			Number of people in the home					Length of time served by co-op						
	Total	Male	Female	Not too much	Some	Quite a bit	1	2	3	4	5+	<5 yrs.	5-10	11-15	16-25	>25 yrs.	
Unweighted Base	300	161	139	148	120	32	41	148	49	42	18	32	71	37	52	108	
Base	300	161	139	148	120	32	41	148	49	42	18	32	71	37	52	108	
Plastic casing	2 0.7%	2 1.2%	0 0.0%	1 0.7%	1 0.8%	0 0.0%	0 0.0%	2 1.4%	0 0.0%	0 0.0%	0 0.0%	1 3.1%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	1 0.9%
Storm windows	2 0.7%	0 0.0%	2 1.4%	1 0.7%	0 0.0%	1 3.1%	0 0.0%	2 1.4%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	1 1.9%	1 0.9%
Lifetime warranty/good warranty	1 0.3%	0 0.0%	1 0.7%	1 0.7%	0 0.0%	0 0.0%	0 0.0%	1 0.7%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	1 0.9%
EV ratings	1 0.3%	1 0.6%	0 0.0%	1 0.7%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	1 2.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	1 2.7%	0 0.0%	0 0.0%
Mold and mildew resistant	1 0.3%	0 0.0%	1 0.7%	0 0.0%	1 0.8%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	1 2.4%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	1 1.9%	0 0.0%
Aluminum sided	1 0.3%	0 0.0%	1 0.7%	0 0.0%	1 0.8%	0 0.0%	0 0.0%	1 0.7%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	1 1.9%	0 0.0%
Crank-out windows	1 0.3%	1 0.6%	0 0.0%	1 0.7%	0 0.0%	0 0.0%	0 0.0%	1 0.7%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	1 1.9%	0 0.0%
Welded frame	1 0.3%	1 0.6%	0 0.0%	1 0.7%	0 0.0%	0 0.0%	0 0.0%	1 0.7%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	1 0.9%
Childsafe/safety glass	1 0.3%	1 0.6%	0 0.0%	0 0.0%	1 0.8%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	1 2.4%	0 0.0%	1 1.4%	0 0.0%	0 0.0%	0 0.0%	0 0.0%

(continued)

BREC End-Use and Energy Efficiency Survey (December 2007)

Table 20: If you were purchasing replacement windows for your home, what features would you look for?

(continued)

All KN respondents

	Gender		Financial burden of the electric bill			Number of people in the home					Length of time served by co-op						
	Total	Male	Female	Not too much	Some	Quite a bit	1	2	3	4	5+	<5 yrs.	5-10	11-15	16-25	>25 yrs.	
Unweighted Base	300	161	139	148	120	32	41	148	49	42	18	32	71	37	52	108	
Base	300	161	139	148	120	32	41	148	49	42	18	32	71	37	52	108	
Thickness	1 0.3%	1 0.6%	0 0.0%	1 0.7%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	1 2.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	1 0.9%
Availability of size	1 0.3%	0 0.0%	1 0.7%	0 0.0%	1 0.8%	0 0.0%	0 0.0%	0 0.0%	1 2.0%	0 0.0%	0 0.0%	0 0.0%	1 1.4%	0 0.0%	0 0.0%	0 0.0%	0 0.0%
Single hung	1 0.3%	1 0.6%	0 0.0%	1 0.7%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	1 5.6%	0 0.0%	0 0.0%	0 0.0%	1 1.9%	0 0.0%	0 0.0%
Looks	1 0.3%	0 0.0%	1 0.7%	1 0.7%	0 0.0%	0 0.0%	0 0.0%	1 0.7%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	1 0.9%
Rubber insulation between windows	1 0.3%	1 0.6%	0 0.0%	1 0.7%	0 0.0%	0 0.0%	0 0.0%	1 0.7%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	1 1.4%	0 0.0%	0 0.0%	0 0.0%	0 0.0%
Pella insulated glass	1 0.3%	1 0.6%	0 0.0%	0 0.0%	1 0.8%	0 0.0%	0 0.0%	1 0.7%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	1 1.4%	0 0.0%	0 0.0%	0 0.0%	0 0.0%
Metal	1 0.3%	0 0.0%	1 0.7%	1 0.7%	0 0.0%	0 0.0%	0 0.0%	1 0.7%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	1 0.9%
Heat insulated windows	1 0.3%	1 0.6%	0 0.0%	0 0.0%	1 0.8%	0 0.0%	0 0.0%	0 0.0%	1 2.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	1 0.9%
Don't know	19 6.3%	10 6.2%	9 6.5%	10 6.8%	6 5.0%	3 9.4%	6 14.6%	7 4.7%	6 12.2%	0 0.0%	0 0.0%	4 12.5%	4 5.6%	1 2.7%	3 5.8%	7 6.5%	

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BREC End-Use and Energy Efficiency Survey (December 2007)

Table 20: If you were purchasing replacement windows for your home, what features would you look for?

All KN respondents

	Total	Age					Type of home				Education				
		18-34	35-44	45-54	55-64	65+	Single-story	Multi-story	Mobile	Other	<HS grad	HS grad	Some college	College grad	Post college
Unweighted Base	300	19	34	79	82	79	166	71	40	23	38	129	78	33	16
Base	300	19	34	79	82	79	166	71	40	23	38	129	78	33	16
Double-pane/multiple pane/more than one pane/encasement	162 54.0%	7 36.8%	17 50.0%	45 57.0%	50 61.0%	43 54.4%	98 59.0%	32 45.1%	18 45.0%	14 60.9%	15 39.5%	72 55.8%	44 56.4%	23 69.7%	7 43.8%
Tilt-in/easy to clean	111 37.0%	7 36.8%	14 41.2%	31 39.2%	31 37.8%	25 31.6%	62 37.3%	28 39.4%	13 32.5%	8 34.8%	12 31.6%	48 37.2%	32 41.0%	11 33.3%	5 31.3%
Energy-efficient (generic)	51 17.0%	7 36.8%	8 23.5%	13 16.5%	11 13.4%	7 8.9%	24 14.5%	15 21.1%	8 20.0%	4 17.4%	1 2.6%	25 19.4%	14 17.9%	6 18.2%	2 12.5%
Air-tight/good seal	35 11.7%	2 10.5%	2 5.9%	10 12.7%	12 14.6%	7 8.9%	21 12.7%	8 11.3%	5 12.5%	1 4.3%	2 5.3%	18 14.0%	6 7.7%	6 18.2%	2 12.5%
Low-E coating/(clear) coating to prevent heat and UV rays from passing through the glass	25 8.3%	1 5.3%	3 8.8%	7 8.9%	8 9.8%	4 5.1%	19 11.4%	4 5.6%	1 2.5%	1 4.3%	1 2.6%	5 3.9%	11 14.1%	5 15.2%	1 6.3%
Thermal	25 8.3%	0 0.0%	0 0.0%	7 8.9%	9 11.0%	9 11.4%	9 5.4%	8 11.3%	5 12.5%	3 13.0%	7 18.4%	8 6.2%	8 10.3%	2 6.1%	0 0.0%
Gas filled/gas between the panes	15 5.0%	0 0.0%	1 2.9%	6 7.6%	5 6.1%	3 3.8%	7 4.2%	6 8.5%	1 2.5%	1 4.3%	1 2.6%	3 2.3%	7 9.0%	3 9.1%	1 6.3%
Insulated (non-specific)	13 4.3%	1 5.3%	1 2.9%	3 3.8%	3 3.7%	5 6.3%	7 4.2%	5 7.0%	0 0.0%	1 4.3%	2 5.3%	5 3.9%	2 2.6%	2 6.1%	2 12.5%
Tinted	9 3.0%	0 0.0%	2 5.9%	2 2.5%	3 3.7%	2 2.5%	7 4.2%	2 2.8%	0 0.0%	0 0.0%	3 7.9%	2 1.6%	2 2.6%	2 6.1%	0 0.0%
Vinyl frame work	6 2.0%	0 0.0%	1 2.9%	2 2.5%	1 1.2%	2 2.5%	4 2.4%	1 1.4%	1 2.5%	0 0.0%	0 0.0%	5 3.9%	0 0.0%	1 3.0%	0 0.0%

(continued)

BREC End-Use and Energy Efficiency Survey (December 2007)

Table 20: If you were purchasing replacement windows for your home, what features would you look for?

(continued)
All KN respondents

	Age						Type of home				Education				
	Total	18-34	35-44	45-54	55-64	65+	Single-story	Multi-story	Mobile	Other	<HS grad	HS grad	Some college	College grad	Post college
Unweighted Base	300	19	34	79	82	79	166	71	40	23	38	129	78	33	16
Base	300	19	34	79	82	79	166	71	40	23	38	129	78	33	16
R-factor	5 1.7%	1 5.3%	2 5.9%	0 0.0%	2 2.4%	0 0.0%	4 2.4%	0 0.0%	1 2.5%	0 0.0%	0 0.0%	1 0.8%	3 3.8%	1 3.0%	0 0.0%
Safe locking mechanism	5 1.7%	1 5.3%	0 0.0%	2 2.5%	1 1.2%	0 0.0%	3 1.8%	1 1.4%	1 2.5%	0 0.0%	0 0.0%	2 1.6%	2 2.6%	0 0.0%	0 0.0%
Price	4 1.3%	0 0.0%	1 2.9%	0 0.0%	3 3.7%	0 0.0%	0 0.0%	3 4.2%	1 2.5%	0 0.0%	1 2.6%	2 1.6%	1 1.3%	0 0.0%	0 0.0%
Maintenance free	4 1.3%	0 0.0%	0 0.0%	0 0.0%	2 2.4%	2 2.5%	3 1.8%	1 1.4%	0 0.0%	0 0.0%	1 2.6%	1 0.8%	0 0.0%	2 6.1%	0 0.0%
Easy to open	3 1.0%	1 5.3%	0 0.0%	2 2.5%	0 0.0%	0 0.0%	1 0.6%	1 1.4%	1 2.5%	0 0.0%	1 2.6%	0 0.0%	1 1.3%	0 0.0%	1 6.3%
Blinds in the middle	3 1.0%	0 0.0%	0 0.0%	1 1.3%	1 1.2%	1 1.3%	2 1.2%	0 0.0%	0 0.0%	1 4.3%	0 0.0%	2 1.6%	0 0.0%	1 3.0%	0 0.0%
Brand name	2 0.7%	0 0.0%	1 2.9%	0 0.0%	0 0.0%	1 1.3%	1 0.6%	0 0.0%	1 2.5%	0 0.0%	0 0.0%	1 0.8%	1 1.3%	0 0.0%	0 0.0%
Double hung	2 0.7%	0 0.0%	0 0.0%	2 2.5%	0 0.0%	0 0.0%	0 0.0%	1 1.4%	0 0.0%	1 4.3%	0 0.0%	1 0.8%	0 0.0%	1 3.0%	0 0.0%
Energy Star	2 0.7%	1 5.3%	0 0.0%	1 1.3%	0 0.0%	0 0.0%	0 0.0%	1 1.4%	0 0.0%	1 4.3%	0 0.0%	0 0.0%	0 0.0%	1 3.0%	1 6.3%
Plastic casing	2 0.7%	0 0.0%	0 0.0%	1 1.3%	0 0.0%	1 1.3%	1 0.6%	0 0.0%	1 2.5%	0 0.0%	0 0.0%	2 1.6%	0 0.0%	0 0.0%	0 0.0%

(continued)

BREC End-Use and Energy Efficiency Survey (December 2007)

Table 20: If you were purchasing replacement windows for your home, what features would you look for?

(continued)

All KN respondents

	Age						Type of home				Education				
	Total	18-34	35-44	45-54	55-64	65+	Single-story	Multi-story	Mobile	Other	<HS grad	HS grad	Some college	College grad	Post college
Unweighted Base	300	19	34	79	82	79	166	71	40	23	38	129	78	33	16
Base	300	19	34	79	82	79	166	71	40	23	38	129	78	33	16
Storm windows	2 0.7%	0 0.0%	0 0.0%	0 0.0%	2 2.4%	0 0.0%	1 0.6%	0 0.0%	1 2.5%	0 0.0%	1 2.6%	0 0.0%	1 1.3%	0 0.0%	0 0.0%
Lifetime warranty/good warranty	1 0.3%	0 0.0%	0 0.0%	1 1.3%	0 0.0%	0 0.0%	0 0.0%	1 1.4%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	1 3.0%	0 0.0%
EV ratings	1 0.3%	0 0.0%	1 2.9%	0 0.0%	0 0.0%	0 0.0%	1 0.6%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	1 0.8%	0 0.0%	0 0.0%	0 0.0%
Mold and mildew resistant	1 0.3%	0 0.0%	0 0.0%	1 1.3%	0 0.0%	0 0.0%	0 0.0%	1 1.4%	0 0.0%	0 0.0%	0 0.0%	1 0.8%	0 0.0%	0 0.0%	0 0.0%
Aluminum sided	1 0.3%	0 0.0%	0 0.0%	1 1.3%	0 0.0%	0 0.0%	0 0.0%	1 1.4%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	1 1.3%	0 0.0%	0 0.0%
Crank-out windows	1 0.3%	0 0.0%	0 0.0%	1 1.3%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	1 4.3%	0 0.0%	1 0.8%	0 0.0%	0 0.0%	0 0.0%
Welded frame	1 0.3%	0 0.0%	0 0.0%	0 0.0%	1 1.2%	0 0.0%	1 0.6%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	1 0.8%	0 0.0%	0 0.0%	0 0.0%
Childsafe/safety glass	1 0.3%	1 5.3%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	1 1.4%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	1 1.3%	0 0.0%	0 0.0%
Thickness	1 0.3%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	1 1.3%	1 0.6%	0 0.0%	0 0.0%	0 0.0%	1 2.6%	0 0.0%	0 0.0%	0 0.0%	0 0.0%
Availability of size	1 0.3%	0 0.0%	1 2.9%	0 0.0%	0 0.0%	0 0.0%	1 0.6%	0 0.0%	0 0.0%	0 0.0%	1 2.6%	0 0.0%	0 0.0%	0 0.0%	0 0.0%

(continued)

BREC End-Use and Energy Efficiency Survey (December 2007)

Table 20: If you were purchasing replacement windows for your home, what features would you look for?

(continued)

All KN respondents

	Age						Type of home				Education				
	Total	18-34	35-44	45-54	55-64	65+	Single-story	Multi-story	Mobile	Other	<HS grad	HS grad	Some college	College grad	Post college
Unweighted Base	300	19	34	79	82	79	166	71	40	23	38	129	78	33	16
Base	300	19	34	79	82	79	166	71	40	23	38	129	78	33	16
Single hung	1 0.3%	0 0.0%	1 2.9% +++	0 0.0%	0 0.0%	0 0.0%	0 0.0%	1 1.4% +	0 0.0%	0 0.0%	0 0.0%	0 0.0%	1 1.3% +	0 0.0%	0 0.0%
Looks	1 0.3%	0 0.0%	0 0.0%	1 1.3% +	0 0.0%	0 0.0%	0 0.0%	0 0.0%	1 2.5% ++	0 0.0%	0 0.0%	0 0.0%	1 1.3% +	0 0.0%	0 0.0%
Rubber insulation between windows	1 0.3%	0 0.0%	0 0.0%	1 1.3% +	0 0.0%	0 0.0%	0 0.0%	0 0.0%	1 2.5% ++	0 0.0%	0 0.0%	0 0.0%	1 1.3% +	0 0.0%	0 0.0%
Pella insulated glass	1 0.3%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	1 1.3% +	0 0.0%	0 0.0%	0 0.0%	1 4.3%	0 0.0%	1 0.8%	0 0.0%	0 0.0%	0 0.0%
Metal	1 0.3%	0 0.0%	0 0.0%	1 1.3% +	0 0.0%	0 0.0%	0 0.0%	1 1.4% +	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	1 3.0% +++	0 0.0%
Heat insulated windows	1 0.3%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	1 1.3% +	1 0.6%	0 0.0%	0 0.0%	0 0.0%	1 2.6% +++	0 0.0%	0 0.0%	0 0.0%	0 0.0%
Don't know	19 6.3%	2 10.5%	1 2.9%	5 6.3%	5 6.1%	5 6.3%	11 6.6%	5 7.0%	2 5.0%	1 4.3%	4 10.5%	8 6.2%	3 3.8%	2 6.1%	1 6.3%

(continued)

BREC End-Use and Energy Efficiency Survey (December 2007)

Table 20: If you were purchasing replacement windows for your home, what features would you look for?

All KN respondents

	Income						Overall Satisfaction		Age of home						Primary heating source			
	Total	< \$15K	\$15K-\$25K	\$25K-\$40K	\$40-\$75K	> \$75K	Less than satis.	Satis.	<5 yrs	5-10	11-20	21-30	31-50	50+ yrs	Elec. furn.	HP/ geoth.	NG furn.	Prop. furn.
Unweighted Base	300	25	21	53	75	62	77	223	19	46	66	62	62	45	69	48	94	49
Base	300	25	21	53	75	62	77	223	19	46	66	62	62	45	69	48	94	49
Double-pane/multiple pane/more than one pane/encasement	162	14	10	33	39	33	40	122	12	22	34	33	36	25	37	29	49	22
Tilt-in/easy to clean	111	11	9	15	27	24	31	80	8	13	28	23	28	11	25	20	39	17
Energy-efficient (generic)	51	4	0	3	13	13	19	32	3	12	12	11	10	3	14	12	16	7
Air-tight/good seal	35	1	4	7	5	10	4	31	2	7	7	8	8	3	7	4	17	3
Low-E coating/(clear) coating to prevent heat and UV rays from passing through the glass	25	1	2	2	8	7	6	19	2	3	9	7	4	0	3	6	10	4
Thermal	25	1	3	7	6	2	7	18	3	4	6	4	3	5	8	4	5	8
Gas filled/gas between the panes	15	1	1	1	6	2	6	9	1	2	3	6	1	2	3	1	8	2
Insulated (non-specific)	13	0	3	2	4	3	5	8	0	1	3	6	2	1	4	2	4	2
Tinted	9	1	3	0	3	1	3	6	0	0	1	4	1	3	0	2	5	1
Vinyl frame work	6	0	1	3	2	0	0	6	1	0	0	0	3	2	1	1	0	2

(continued)

BREC End-Use and Energy Efficiency Survey (December 2007)

Table 20: If you were purchasing replacement windows for your home, what features would you look for?

(continued)
All KN respondents

	Total	Income					Overall Satisfaction		Age of home						Primary heating source			
		< \$15K	\$15K-\$25K	\$25K-\$40K	\$40-\$75K	> \$75K	Less than satis.	Satis.	<5 yrs	5-10	11-20	21-30	31-50	50+ yrs	Elec. furn.	HP/ geoth.	NG furn.	Prop. furn.
Unweighted Base	300	25	21	53	75	62	77	223	19	46	66	62	62	45	69	48	94	49
Base	300	25	21	53	75	62	77	223	19	46	66	62	62	45	69	48	94	49
R-factor	5 1.7%	0 0.0%	0 0.0%	0 0.0%	2 2.7%	2 3.2%	2 2.6%	3 1.3%	0 0.0%	1 2.2%	2 3.0%	2 3.2%	0 0.0%	0 0.0%	0 0.0%	1 2.1%	4 4.3%	0 0.0%
Safe locking mechanism	5 1.7%	0 0.0%	0 0.0%	0 0.0%	2 2.7%	2 3.2%	0 0.0%	5 2.2%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	4 6.5%	1 2.2%	0 0.0%	1 2.1%	4 4.3%	0 0.0%
Price	4 1.3%	1 4.0%	0 0.0%	1 1.9%	0 0.0%	1 1.6%	2 2.6%	2 0.9%	0 0.0%	1 2.2%	0 0.0%	1 1.6%	0 0.0%	2 4.4%	0 0.0%	0 0.0%	0 0.0%	2 4.1%
Maintenance free	4 1.3%	0 0.0%	1 4.8%	1 1.9%	0 0.0%	1 1.6%	0 0.0%	4 1.8%	1 5.3%	1 2.2%	0 0.0%	0 0.0%	1 1.6%	1 2.2%	0 0.0%	0 0.0%	2 2.1%	0 0.0%
Easy to open	3 1.0%	0 0.0%	0 0.0%	0 0.0%	1 1.3%	2 3.2%	2 2.6%	1 0.4%	0 0.0%	0 0.0%	0 0.0%	1 1.6%	2 3.2%	0 0.0%	2 2.9%	0 0.0%	0 0.0%	0 0.0%
Blinds in the middle	3 1.0%	1 4.0%	0 0.0%	1 1.9%	1 1.3%	0 0.0%	1 1.3%	2 0.9%	0 0.0%	2 4.3%	1 1.5%	0 0.0%	0 0.0%	0 0.0%	1 1.4%	1 2.1%	1 1.1%	0 0.0%
Brand name	2 0.7%	0 0.0%	0 0.0%	0 0.0%	2 2.7%	0 0.0%	1 1.3%	1 0.4%	1 5.3%	0 0.0%	1 1.5%	0 0.0%	0 0.0%	0 0.0%	1 1.4%	1 2.1%	0 0.0%	0 0.0%
Double hung	2 0.7%	0 0.0%	0 0.0%	0 0.0%	2 2.7%	0 0.0%	0 0.0%	2 0.9%	1 5.3%	1 2.2%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	1 1.4%	0 0.0%	1 1.1%	0 0.0%
Energy Star	2 0.7%	0 0.0%	0 0.0%	0 0.0%	1 1.3%	1 1.6%	2 2.6%	0 0.0%	0 0.0%	0 0.0%	1 1.5%	1 1.6%	0 0.0%	0 0.0%	1 1.4%	0 0.0%	1 1.1%	0 0.0%

(continued)

BREC End-Use and Energy Efficiency Survey (December 2007)

Table 20: If you were purchasing replacement windows for your home, what features would you look for?

(continued)
All KN respondents

	Income					Overall Satisfaction		Age of home						Primary heating source				
	Total	< \$15K	\$15K-\$25K	\$25K-\$40K	\$40-\$75K	> \$75K	Less than satis.	Satis.	<5 yrs	5-10	11-20	21-30	31-50	50+ yrs	Elec. furn.	HP/ geoth.	NG furn.	Prop. furn.
Unweighted Base	300	25	21	53	75	62	77	223	19	46	66	62	62	45	69	48	94	49
Base	300	25	21	53	75	62	77	223	19	46	66	62	62	45	69	48	94	49
Plastic casing	2 0.7%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	1 1.6%	0 0.0%	2 0.9%	0 0.0%	0 0.0%	1 1.5%	0 0.0%	0 0.0%	1 2.2%	0 0.0%	0 0.0%	0 0.0%	2 4.1% +++
Storm windows	2 0.7%	0 0.0%	0 0.0%	1 1.9%	0 0.0%	1 1.6%	1 1.3%	1 0.4%	0 0.0%	0 0.0%	0 0.0%	1 1.6%	1 1.6%	0 0.0%	1 1.4%	1 2.1%	0 0.0%	0 0.0%
Lifetime warranty/good warranty	1 0.3%	0 0.0%	0 0.0%	0 0.0%	1 1.3%	0 0.0%	0 0.0%	1 0.4%	0 0.0%	0 0.0%	1 1.5%	0 0.0%	0 0.0%	0 0.0%	1 1.4%	0 0.0%	0 0.0%	0 0.0%
EV ratings	1 0.3%	0 0.0%	0 0.0%	0 0.0%	1 1.3%	0 0.0%	0 0.0%	1 0.4%	0 0.0%	1 2.2%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	1 1.1%	0 0.0%
Mold and mildew resistant	1 0.3%	0 0.0%	1 4.8%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	1 0.4%	0 0.0%	0 0.0%	0 0.0%	1 1.6%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%
Aluminum sided	1 0.3%	0 0.0%	0 0.0%	0 0.0%	1 1.3%	0 0.0%	0 0.0%	1 0.4%	0 0.0%	0 0.0%	1 1.5%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	1 2.1%	0 0.0%	0 0.0%
Crank-out windows	1 0.3%	0 0.0%	0 0.0%	0 0.0%	1 1.3%	0 0.0%	0 0.0%	1 0.4%	0 0.0%	1 2.2%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	1 1.4%	0 0.0%	0 0.0%	0 0.0%
Welded frame	1 0.3%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	1 0.4%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	1 1.6%	0 0.0%	0 0.0%	0 0.0%	1 1.1%	0 0.0%
Childsafe/safety glass	1 0.3%	0 0.0%	0 0.0%	1 1.9%	0 0.0%	0 0.0%	0 0.0%	1 0.4%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	1 2.2%	0 0.0%	0 0.0%	1 1.1%	0 0.0%

(continued)

BREC End-Use and Energy Efficiency Survey (December 2007)

Table 20: If you were purchasing replacement windows for your home, what features would you look for?

(continued)
All KN respondents

	Income					Overall Satisfaction		Age of home						Primary heating source				
	Total	< \$15K	\$15K-\$25K	\$25K-\$40K	\$40-\$75K	> \$75K	Less than satis.	Satis.	<5 yrs	5-10	11-20	21-30	31-50	50+ yrs	Elec. furn.	HP/ geoth.	NG furn.	Prop. furn.
Unweighted Base	300	25	21	53	75	62	77	223	19	46	66	62	62	45	69	48	94	49
Base	300	25	21	53	75	62	77	223	19	46	66	62	62	45	69	48	94	49
Thickness	1 0.3%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	1 0.4%	0 0.0%	0 0.0%	0 0.0%	1 1.6%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	1 2.0%
												++						++
Availability of size	1 0.3%	0 0.0%	0 0.0%	1 1.9%	0 0.0%	0 0.0%	0 0.0%	1 0.4%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	1 2.2%	0 0.0%	0 0.0%	0 0.0%	0 0.0%
				++										++				
Single hung	1 0.3%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	1 1.6%	0 0.0%	1 0.4%	0 0.0%	1 2.2%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	1 2.1%	0 0.0%	0 0.0%
						++				++					++			
Looks	1 0.3%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	1 1.6%	0 0.0%	1 0.4%	0 0.0%	1 2.2%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	1 1.4%	0 0.0%	0 0.0%	0 0.0%
						++				++				+				
Rubber insulation between windows	1 0.3%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	1 1.6%	0 0.0%	1 0.4%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	1 1.6%	0 0.0%	0 0.0%	1 2.1%	0 0.0%	0 0.0%
						++							++		++			
Pella insulated glass	1 0.3%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	1 0.4%	0 0.0%	0 0.0%	0 0.0%	1 1.6%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	1 1.1%	0 0.0%
												++						
Metal	1 0.3%	0 0.0%	0 0.0%	0 0.0%	1 1.3%	0 0.0%	0 0.0%	1 0.4%	0 0.0%	0 0.0%	1 1.5%	0 0.0%	0 0.0%	0 0.0%	1 1.4%	0 0.0%	0 0.0%	0 0.0%
					+						+			+				
Heat insulated windows	1 0.3%	0 0.0%	0 0.0%	1 1.9%	0 0.0%	0 0.0%	0 0.0%	1 0.4%	0 0.0%	0 0.0%	0 0.0%	1 1.6%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	1 1.1%	0 0.0%
				++								++						
Don't know	19 6.3%	0 0.0%	1 4.8%	3 5.7%	7 9.3%	4 6.5%	3 3.9%	16 7.2%	2 10.5%	4 8.7%	4 6.1%	1 1.6%	3 4.8%	5 11.1%	3 4.3%	1 2.1%	7 7.4%	3 6.1%

BREC End-Use and Energy Efficiency Survey (December 2007)

Table 21: If you went to a store to purchase a new appliance, what would you be looking for to let you know that the product was energy-efficient?

All KN respondents

	Gender		Financial burden of the electric bill			Number of people in the home					Length of time served by co-op					
	Total	Male	Female	Not too much	Some	Quite a bit	1	2	3	4	5+	<5 yrs.	5-10	11-15	16-25	>25 yrs.
Unweighted Base	300	161	139	148	120	32	41	148	49	42	18	32	71	37	52	108
Base	300	161	139	148	120	32	41	148	49	42	18	32	71	37	52	108
"The ratings"/tag/numbers on the appliance—generic	96 32.0%	56 34.8%	40 28.8%	49 33.1%	31 25.8%	16 50.0%	10 24.4%	49 33.1%	19 38.8%	14 33.3%	4 22.2%	12 37.5%	22 31.0%	9 24.3%	18 34.6%	35 32.4%
Big yellow sticker with energy information	82 27.3%	46 28.6%	36 25.9%	39 26.4%	36 30.0%	7 21.9%	9 22.0%	40 27.0%	11 22.4%	12 28.6%	9 50.0%	8 25.0%	26 36.6%	12 32.4%	7 13.5%	29 26.9%
An Energy Star rating from the U.S. government	52 17.3%	26 16.1%	26 18.7%	26 17.6%	23 19.2%	3 9.4%	6 14.6%	19 12.8%	13 26.5%	10 23.8%	3 16.7%	5 15.6%	10 14.1%	12 32.4%	14 26.9%	11 10.2%
Information from salesman/dealer	7 2.3%	3 1.9%	4 2.9%	1 0.7%	4 3.3%	2 6.3%	1 2.4%	5 3.4%	0 0.0%	0 0.0%	1 5.6%	0 0.0%	1 1.4%	0 0.0%	1 1.9%	5 4.6%
Name brand	1 0.3%	1 0.6%	0 0.0%	1 0.7%	0 0.0%	0 0.0%	0 0.0%	1 0.7%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	1 0.9%
Talk to the dealer	1 0.3%	1 0.6%	0 0.0%	0 0.0%	1 0.8%	0 0.0%	0 0.0%	0 0.0%	1 2.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	1 0.9%
The price	1 0.3%	1 0.6%	0 0.0%	1 0.7%	0 0.0%	0 0.0%	1 2.4%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	1 2.7%	0 0.0%	0 0.0%
Info in book that comes with the appliance--adjusting for load sizes, water settings, etc.	1 0.3%	1 0.6%	0 0.0%	0 0.0%	0 0.0%	1 3.1%	0 0.0%	1 0.7%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	1 0.9%
Don't know	59 19.7%	26 16.1%	33 23.7%	31 20.9%	25 20.8%	3 9.4%	14 34.1%	33 22.3%	5 10.2%	6 14.3%	1 5.6%	7 21.9%	12 16.9%	3 8.1%	12 23.1%	25 23.1%
			- +				++		-							

(continued)

BREC End-Use and Energy Efficiency Survey (December 2007)

Table 21: If you went to a store to purchase a new appliance, what would you be looking for to let you know that the product was energy-efficient?

All KN respondents

	Total	Age					Type of home				Education				
		18-34	35-44	45-54	55-64	65+	Single-story	Multi-story	Mobile	Other	<HS grad	HS grad	Some college	College grad	Post college
Unweighted Base	300	19	34	79	82	79	166	71	40	23	38	129	78	33	16
Base	300	19	34	79	82	79	166	71	40	23	38	129	78	33	16
"The ratings"/tag/numbers on the appliance—generic	96 32.0%	4 21.1%	9 26.5%	27 34.2%	32 39.0%	22 27.8%	57 34.3%	24 33.8%	10 25.0%	5 21.7%	9 23.7%	36 27.9%	30 38.5%	15 45.5%	5 31.3%
Big yellow sticker with energy information	82 27.3%	7 36.8%	13 38.2%	17 21.5%	24 29.3%	19 24.1%	41 24.7%	19 26.8%	13 32.5%	9 39.1%	9 23.7%	37 28.7%	20 25.6%	8 24.2%	6 37.5%
An Energy Star rating from the U.S. government	52 17.3%	7 36.8%	5 14.7%	21 26.6%	15 18.3%	3 3.8%	31 18.7%	13 18.3%	5 12.5%	3 13.0%	4 10.5%	18 14.0%	20 25.6%	6 18.2%	3 18.8%
Information from salesman/dealer	7 2.3%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	7 8.9%	2 1.2%	3 4.2%	2 5.0%	0 0.0%	1 2.6%	5 3.9%	0 0.0%	0 0.0%	1 6.3%
Name brand	1 0.3%	0 0.0%	0 0.0%	0 0.0%	1 1.2%	0 0.0%	1 0.6%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	1 0.8%	0 0.0%	0 0.0%	0 0.0%
Talk to the dealer	1 0.3%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	1 1.3%	0 0.0%	1 1.4%	0 0.0%	0 0.0%	1 2.6%	0 0.0%	0 0.0%	0 0.0%	0 0.0%
The price	1 0.3%	0 0.0%	1 2.9%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	1 1.4%	0 0.0%	0 0.0%	0 0.0%	1 0.8%	0 0.0%	0 0.0%	0 0.0%
Info in book that comes with the appliance--adjusting for load sizes, water settings, etc.	1 0.3%	0 0.0%	0 0.0%	1 1.3%	0 0.0%	0 0.0%	1 0.6%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	1 0.8%	0 0.0%	0 0.0%	0 0.0%
Don't know	59 19.7%	1 5.3%	6 17.6%	13 16.5%	10 12.2%	27 34.2%	33 19.9%	10 14.1%	10 25.0%	6 26.1%	14 36.8%	30 23.3%	8 10.3%	4 12.1%	1 6.3%

(continued)

BREC End-Use and Energy Efficiency Survey (December 2007)

Table 21: If you went to a store to purchase a new appliance, what would you be looking for to let you know that the product was energy-efficient?

All KN respondents

	Total	Income					Overall Satisfaction		Age of home						Primary heating source			
		< \$15K	\$15K-\$25K	\$25K-\$40K	\$40-\$75K	> \$75K	Less than satis.	Satis.	<5 yrs	5-10	11-20	21-30	31-50	50+ yrs	Elec. furn.	HP/ geoth.	NG furn.	Prop. furn.
Unweighted Base	300	25	21	53	75	62	77	223	19	46	66	62	62	45	69	48	94	49
Base	300	25	21	53	75	62	77	223	19	46	66	62	62	45	69	48	94	49
"The ratings"/tag/numbers on the appliance—generic	96 32.0%	7 28.0%	5 23.8%	17 32.1%	25 33.3%	23 37.1%	28 36.4%	68 30.5%	5 26.3%	12 26.1%	22 33.3%	18 29.0%	25 40.3%	14 31.1%	28 40.6%	20 41.7%	26 27.7%	13 26.5%
Big yellow sticker with energy information	82 27.3%	7 28.0%	4 19.0%	18 34.0%	20 26.7%	17 27.4%	24 31.2%	58 26.0%	3 15.8%	16 34.8%	20 30.3%	19 30.6%	17 27.4%	7 15.6%	18 26.1%	11 22.9%	25 26.6%	16 32.7%
An Energy Star rating from the U.S. government	52 17.3%	2 8.0%	2 9.5%	5 9.4%	18 24.0%	14 22.6%	16 20.8%	36 16.1%	3 15.8%	6 13.0%	17 25.8%	12 19.4%	7 11.3%	7 15.6%	9 13.0%	9 18.8%	25 26.6%	4 8.2%
Information from salesman/dealer	7 2.3%	2 8.0%	0 0.0%	1 1.9%	0 0.0%	1 1.6%	1 1.3%	6 2.7%	2 10.5%	2 4.3%	0 0.0%	0 0.0%	1 1.6%	2 4.4%	1 1.4%	1 2.1%	4 4.3%	1 2.0%
Name brand	1 0.3%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	1 0.4%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	1 1.6%	0 0.0%	0 0.0%	0 0.0%	1 1.1%	0 0.0%
Talk to the dealer	1 0.3%	0 0.0%	0 0.0%	1 1.9%	0 0.0%	0 0.0%	0 0.0%	1 0.4%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	1 2.2%	0 0.0%	0 0.0%	1 1.1%	0 0.0%
The price	1 0.3%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	1 0.4%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	1 2.2%	0 0.0%	0 0.0%	0 0.0%	0 0.0%
Info in book that comes with the appliance--adjusting for load sizes, water settings, etc.	1 0.3%	1 4.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	1 1.3%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	1 1.6%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	
Don't know	59 19.7%	6 24.0%	10 47.6%	11 20.8%	12 16.0%	7 11.3%	7 9.1%	52 23.3%	6 31.6%	10 21.7%	7 10.6%	13 21.0%	10 16.1%	13 28.9%	13 18.8%	7 14.6%	12 12.8%	15 30.6%
						-	---	+++			--			+			--	++

BREC End-Use and Energy Efficiency Survey (December 2007)

Table 22: How do you think your cooperative's average rate for electricity compares to the national average? Would you guess that [CO-OP]'s rate is:

All KN respondents

	Gender		Financial burden of the electric bill			Number of people in the home					Length of time served by co-op					
	Total	Male	Female	Not too much	Some	Quite a bit	1	2	3	4	5+	<5 yrs.	5-10	11-15	16-25	>25 yrs.
Unweighted Base	300	161	139	148	120	32	41	148	49	42	18	32	71	37	52	108
Base	300	161	139	148	120	32	41	148	49	42	18	32	71	37	52	108
Much lower	33 11.0%	18 11.2%	15 10.8%	21 14.2%	11 9.2%	1 3.1%	5 12.2%	17 11.5%	8 16.3%	2 4.8%	1 5.6%	1 3.1%	6 8.5%	2 5.4%	7 13.5%	17 15.7%
Somewhat lower	127 42.3%	78 48.4%	49 35.3%	77 52.0%	41 34.2%	9 28.1%	13 31.7%	62 41.9%	22 44.9%	19 45.2%	10 55.6%	18 56.3%	23 32.4%	23 62.2%	20 38.5%	43 39.8%
About the same	113 37.7%	52 32.3%	61 43.9%	42 28.4%	57 47.5%	14 43.8%	18 43.9%	57 38.5%	14 28.6%	17 40.5%	6 33.3%	11 34.4%	32 45.1%	10 27.0%	21 40.4%	39 36.1%
Somewhat higher	17 5.7%	7 4.3%	10 7.2%	5 3.4%	6 5.0%	6 18.8%	2 4.9%	9 6.1%	2 4.1%	3 7.1%	1 5.6%	2 6.3%	7 9.9%	1 2.7%	2 3.8%	5 4.6%
Refused to guess	10 3.3%	6 3.7%	4 2.9%	3 2.0%	5 4.2%	2 6.3%	3 7.3%	3 2.0%	3 6.1%	1 2.4%	0 0.0%	0 0.0%	3 4.2%	1 2.7%	2 3.8%	4 3.7%
Chi Square			6.97 .138		29.98 .001				12.01 .743					19.75 .232		

(continued)

BREC End-Use and Energy Efficiency Survey (December 2007)

Table 22: How do you think your cooperative's average rate for electricity compares to the national average? Would you guess that [CO-OP]'s rate is:

All KN respondents

	Total	Age					Type of home				Education				
		18-34	35-44	45-54	55-64	65+	Single-story	Multi-story	Mobile	Other	<HS grad	HS grad	Some college	College grad	Post college
Unweighted Base	300	19	34	79	82	79	166	71	40	23	38	129	78	33	16
Base	300	19	34	79	82	79	166	71	40	23	38	129	78	33	16
Much lower	33 11.0%	1 5.3%	2 5.9%	8 10.1%	9 11.0%	13 16.5%	18 10.8%	10 14.1%	2 5.0%	3 13.0%	3 7.9%	12 9.3%	10 12.8%	4 12.1%	4 25.0%
Somewhat lower	127 42.3%	9 47.4%	14 41.2%	31 39.2%	43 52.4%	28 35.4%	78 47.0%	31 43.7%	11 27.5%	7 30.4%	13 34.2%	51 39.5%	31 39.7%	22 66.7%	8 50.0%
About the same	113 37.7%	7 36.8%	14 41.2%	33 41.8%	26 31.7%	32 40.5%	57 34.3%	24 33.8%	22 55.0%	10 43.5%	20 52.6%	54 41.9%	30 38.5%	5 15.2%	2 12.5%
Somewhat higher	17 5.7%	2 10.5%	2 5.9%	6 7.6%	2 2.4%	2 2.5%	6 3.6%	3 4.2%	5 12.5%	3 13.0%	0 0.0%	7 5.4%	5 6.4%	2 6.1%	1 6.3%
Refused to guess	10 3.3%	0 0.0%	2 5.9%	1 1.3%	2 2.4%	4 5.1%	7 4.2%	3 4.2%	0 0.0%	0 0.0%	2 5.3%	5 3.9%	2 2.6%	0 0.0%	1 6.3%
Chi Square				15.88 .461				19.57 .076				23.92 .091			

(continued)

BREC End-Use and Energy Efficiency Survey (December 2007)

Table 22: How do you think your cooperative's average rate for electricity compares to the national average? Would you guess that [CO-OP]'s rate is:

All KN respondents

	Total	Income					Overall Satisfaction		Age of home						Primary heating source			
		< \$15K	\$15K-\$25K	\$25K-\$40K	\$40-\$75K	> \$75K	Less than satis.	Satis.	<5 yrs	5-10	11-20	21-30	31-50	50+ yrs	Elec. furn.	HP/ geoth.	NG furn.	Prop. furn.
Unweighted Base	300	25	21	53	75	62	77	223	19	46	66	62	62	45	69	48	94	49
Base	300	25	21	53	75	62	77	223	19	46	66	62	62	45	69	48	94	49
Much lower	33 11.0%	1 4.0%	2 9.5%	9 17.0%	8 10.7%	7 11.3%	8 10.4%	25 11.2%	0 0.0%	5 10.9%	7 10.6%	7 11.3%	7 11.3%	7 15.6%	2 2.9%	9 18.8%	14 14.9%	5 10.2%
Somewhat lower	127 42.3%	6 24.0%	6 28.6%	22 41.5%	34 45.3%	35 56.5%	27 35.1%	100 44.8%	10 52.6%	17 37.0%	31 47.0%	19 30.6%	33 53.2%	17 37.8%	28 40.6%	20 41.7%	41 43.6%	25 51.0%
About the same	113 37.7%	17 68.0%	11 52.4%	14 26.4%	30 40.0%	17 27.4%	31 40.3%	82 36.8%	8 42.1%	22 47.8%	22 33.3%	29 46.8%	16 25.8%	16 35.6%	32 46.4%	15 31.3%	32 34.0%	16 32.7%
Somewhat higher	17 5.7%	1 4.0%	2 9.5%	5 9.4%	2 2.7%	2 3.2%	9 11.7%	8 3.6%	1 5.3%	1 2.2%	5 7.6%	3 4.8%	5 8.1%	2 4.4%	6 8.7%	1 2.1%	4 4.3%	2 4.1%
Refused to guess	10 3.3%	0 0.0%	0 0.0%	3 5.7%	1 1.3%	1 1.6%	2 2.6%	8 3.6%	0 0.0%	1 2.2%	1 1.5%	4 6.5%	1 1.6%	3 6.7%	1 1.4%	3 6.3%	3 3.2%	1 2.0%
Chi Square				27.93 .032			8.31 .081				21.04 .395					16.20 .182		

BREC End-Use and Energy Efficiency Survey (December 2007)

Table 23: Were you aware that [CO-OP]'s Web site—URL—has a lot of information regarding energy efficiency including an energy library, helpful money-saving tips, calculators to determine energy usage, and many other tools designed to answer your questions regarding energy-related matters? *IF YES*: Have you visited the site specifically for energy information in the past 6 months?

All KN respondents

	Total	Gender		Financial burden of the electric bill			Number of people in the home					Length of time served by co-op				
		Male	Female	Not too much	Some	Quite a bit	1	2	3	4	5+	<5 yrs.	5-10	11-15	16-25	>25 yrs.
Unweighted Base	300	161	139	148	120	32	41	148	49	42	18	32	71	37	52	108
Base	300	161	139	148	120	32	41	148	49	42	18	32	71	37	52	108
Was aware the site had the information; have not visited it for that	78 26.0%	45 28.0%	33 23.7%	36 24.3%	29 24.2%	13 40.6%	8 19.5%	35 23.6%	13 26.5%	15 35.7%	7 38.9%	7 21.9%	19 26.8%	12 32.4%	15 28.8%	25 23.1%
Have visited the site for such information	9 3.0%	2 1.2%	7 5.0%	5 3.4%	4 3.3%	0 0.0%	2 4.9%	3 2.0%	2 4.1%	1 2.4%	1 5.6%	3 9.4%	2 2.8%	2 5.4%	0 0.0%	2 1.9%
Was not aware the site had such information	213 71.0%	114 70.8%	99 71.2%	107 72.3%	87 72.5%	19 59.4%	31 75.6%	110 74.3%	34 69.4%	26 61.9%	10 55.6%	22 68.8%	50 70.4%	23 62.2%	37 71.2%	81 75.0%
Chi Square			4.09 .129		4.70 .319				6.67 .572					9.08 .335		

(continued)

BREC End-Use and Energy Efficiency Survey (December 2007)

Table 23: Were you aware that [CO-OP]'s Web site—URL—has a lot of information regarding energy efficiency including an energy library, helpful money-saving tips, calculators to determine energy usage, and many other tools designed to answer your questions regarding energy-related matters? *IF YES*: Have you visited the site specifically for energy information in the past 6 months?

All KN respondents

	Total	Age					Type of home				Education				
		18-34	35-44	45-54	55-64	65+	Single-story	Multi-story	Mobile	Other	<HS grad	HS grad	Some college	College grad	Post college
Unweighted Base	300	19	34	79	82	79	166	71	40	23	38	129	78	33	16
Base	300	19	34	79	82	79	166	71	40	23	38	129	78	33	16
Was aware the site had the information; have not visited it for that	78 26.0%	6 31.6%	4 11.8%	25 31.6%	23 28.0%	18 22.8%	47 28.3%	13 18.3%	11 27.5%	7 30.4%	9 23.7%	36 27.9%	20 25.6%	8 24.2%	3 18.8%
Have visited the site for such information	9 3.0%	2 10.5%	3 8.8%	1 1.3%	1 1.2%	2 2.5%	2 1.2%	2 2.8%	4 10.0%	1 4.3%	0 0.0%	3 2.3%	4 5.1%	2 6.1%	0 0.0%
Was not aware the site had such information	213 71.0%	11 57.9%	27 79.4%	53 67.1%	58 70.7%	59 74.7%	117 70.5%	56 78.9%	25 62.5%	15 65.2%	29 76.3%	90 69.8%	54 69.2%	23 69.7%	13 81.3%
Chi Square				14.35 .073				11.77 .067					5.02 .755		

(continued)

BREC End-Use and Energy Efficiency Survey (December 2007)

Table 23: Were you aware that [CO-OP]'s Web site—URL—has a lot of information regarding energy efficiency including an energy library, helpful money-saving tips, calculators to determine energy usage, and many other tools designed to answer your questions regarding energy-related matters? *IF YES*: Have you visited the site specifically for energy information in the past 6 months?

All KN respondents

	Total	Income					Overall Satisfaction		Age of home						Primary heating source			
		< \$15K	\$15K-\$25K	\$25K-\$40K	\$40-\$75K	> \$75K	Less than satis.	Satis.	<5 yrs	5-10	11-20	21-30	31-50	50+ yrs	Elec. furn.	HP/ geoth.	NG furn.	Prop. furn.
Unweighted Base	300	25	21	53	75	62	77	223	19	46	66	62	62	45	69	48	94	49
Base	300	25	21	53	75	62	77	223	19	46	66	62	62	45	69	48	94	49
Was aware the site had the information; have not visited it for that	78 26.0%	8 32.0%	2 9.5%	14 26.4%	23 30.7%	16 25.8%	16 20.8%	62 27.8%	5 26.3%	12 26.1%	16 24.2%	18 29.0%	18 29.0%	9 20.0%	17 24.6%	12 25.0%	28 29.8%	9 18.4%
Have visited the site for such information	9 3.0%	1 4.0%	1 4.8%	1 1.9%	2 2.7%	1 1.6%	3 3.9%	6 2.7%	0 0.0%	2 4.3%	5 7.6%	0 0.0%	1 1.6%	1 2.2%	2 2.9%	2 4.2%	4 4.3%	1 2.0%
Was not aware the site had such information	213 71.0%	16 64.0%	18 85.7%	38 71.7%	50 66.7%	45 72.6%	58 75.3%	155 69.5%	14 73.7%	32 69.6%	45 68.2%	44 71.0%	43 69.4%	35 77.8%	50 72.5%	34 70.8%	62 66.0%	39 79.6%
Chi Square				5.01 .757			1.64 .441				9.37 .498					3.14 .791		

BREC End-Use and Energy Efficiency Survey (December 2007)

Table 24: Next, I'd like you to think about your electric bill as it relates to your home's overall budget and your finances. On a scale of 1 to 10, with 10 being a "significant financial burden" and 1 being "not a financial burden at all," how would you rate your electric bill's impact on your household?

All KN respondents

	Gender			Financial burden of the electric bill			Number of people in the home					Length of time served by co-op				
	Total	Male	Female	Not too much	Some	Quite a bit	1	2	3	4	5+	<5 yrs.	5-10	11-15	16-25	>25 yrs.
Unweighted Base	300	161	139	148	120	32	41	148	49	42	18	32	71	37	52	108
Base	300	161	139	148	120	32	41	148	49	42	18	32	71	37	52	108
Not too much	148	85	63	148	0	0	19	77	20	24	8	19	31	23	28	47
	49.3%	52.8%	45.3%	100.0%	0.0%	0.0%	46.3%	52.0%	40.8%	57.1%	44.4%	59.4%	43.7%	62.2%	53.8%	43.5%
				+++										+		
1—not a financial burden at all	43	21	22	43	0	0	10	22	3	7	1	5	5	8	7	18
	14.3%	13.0%	15.8%	29.1%	0.0%	0.0%	24.4%	14.9%	6.1%	16.7%	5.6%	15.6%	7.0%	21.6%	13.5%	16.7%
				+++			++		-				--			
2	38	25	13	38	0	0	2	24	6	4	2	6	10	4	7	11
	12.7%	15.5%	9.4%	25.7%	0.0%	0.0%	4.9%	16.2%	12.2%	9.5%	11.1%	18.8%	14.1%	10.8%	13.5%	10.2%
				+++				+								
3	36	21	15	36	0	0	5	15	6	7	3	5	11	6	7	7
	12.0%	13.0%	10.8%	24.3%	0.0%	0.0%	12.2%	10.1%	12.2%	16.7%	16.7%	15.6%	15.5%	16.2%	13.5%	6.5%
				+++												--
4	31	18	13	31	0	0	2	16	5	6	2	3	5	5	7	11
	10.3%	11.2%	9.4%	20.9%	0.0%	0.0%	4.9%	10.8%	10.2%	14.3%	11.1%	9.4%	7.0%	13.5%	13.5%	10.2%
				+++												
Some	120	64	56	0	120	0	14	57	27	14	6	11	32	8	19	50
	40.0%	39.8%	40.3%	0.0%	100.0%	0.0%	34.1%	38.5%	55.1%	33.3%	33.3%	34.4%	45.1%	21.6%	36.5%	46.3%
				+++					++					--		+
5	69	34	35	0	69	0	9	34	17	7	1	6	21	6	13	23
	23.0%	21.1%	25.2%	0.0%	57.5%	0.0%	22.0%	23.0%	34.7%	16.7%	5.6%	18.8%	29.6%	16.2%	25.0%	21.3%
				+++	+++				++							
6	27	15	12	0	27	0	2	13	4	5	3	3	8	0	3	13
	9.0%	9.3%	8.6%	0.0%	22.5%	0.0%	4.9%	8.8%	8.2%	11.9%	16.7%	9.4%	11.3%	0.0%	5.8%	12.0%
				+++	+++											

(continued)

BREC End-Use and Energy Efficiency Survey (December 2007)

Table 24: Next, I'd like you to think about your electric bill as it relates to your home's overall budget and your finances. On a scale of 1 to 10, with 10 being a "significant financial burden" and 1 being "not a financial burden at all," how would you rate your electric bill's impact on your household?

(continued)
All KN respondents

	Gender		Financial burden of the electric bill			Number of people in the home					Length of time served by co-op					
	Total	Male	Female	Not too much	Some	Quite a bit	1	2	3	4	5+	<5 yrs.	5-10	11-15	16-25	>25 yrs.
Unweighted Base	300	161	139	148	120	32	41	148	49	42	18	32	71	37	52	108
Base	300	161	139	148	120	32	41	148	49	42	18	32	71	37	52	108
7	24	15	9	0	24	0	3	10	6	2	2	2	3	2	3	14
	8.0%	9.3%	6.5%	0.0%	20.0%	0.0%	7.3%	6.8%	12.2%	4.8%	11.1%	6.3%	4.2%	5.4%	5.8%	13.0%
					+++											++
Quite a bit	32	12	20	0	0	32	8	14	2	4	4	2	8	6	5	11
	10.7%	7.5%	14.4%	0.0%	0.0%	100.0%	19.5%	9.5%	4.1%	9.5%	22.2%	6.3%	11.3%	16.2%	9.6%	10.2%
		-	+			+++		++								
8	22	8	14	0	0	22	4	11	1	4	2	2	3	4	5	8
	7.3%	5.0%	10.1%	0.0%	0.0%	68.8%	9.8%	7.4%	2.0%	9.5%	11.1%	6.3%	4.2%	10.8%	9.6%	7.4%
		-	+			+++										
9	5	2	3	0	0	5	3	2	0	0	0	0	3	0	0	2
	1.7%	1.2%	2.2%	0.0%	0.0%	15.6%	7.3%	1.4%	0.0%	0.0%	0.0%	0.0%	4.2%	0.0%	0.0%	1.9%
						+++	+++						+			
10—significant financial burden	5	2	3	0	0	5	1	1	1	0	2	0	2	2	0	1
	1.7%	1.2%	2.2%	0.0%	0.0%	15.6%	2.4%	0.7%	2.0%	0.0%	11.1%	0.0%	2.8%	5.4%	0.0%	0.9%
						+++								+		
Chi Square		7.93			600.00				47.95					37.83		
		.541			.001				.088					.386		

(continued)

BREC End-Use and Energy Efficiency Survey (December 2007)

Table 24: Next, I'd like you to think about your electric bill as it relates to your home's overall budget and your finances. On a scale of 1 to 10, with 10 being a "significant financial burden" and 1 being "not a financial burden at all," how would you rate your electric bill's impact on your household?

All KN respondents

	Age						Type of home				Education				
	Total	18-34	35-44	45-54	55-64	65+	Single-story	Multi-story	Mobile	Other	<HS grad	HS grad	Some college	College grad	Post college
Unweighted Base	300	19	34	79	82	79	166	71	40	23	38	129	78	33	16
Base	300	19	34	79	82	79	166	71	40	23	38	129	78	33	16
<u>Not too much</u>	148	12	20	40	42	32	83	37	20	8	15	59	39	21	12
	49.3%	63.2%	58.8%	50.6%	51.2%	40.5%	50.0%	52.1%	50.0%	34.8%	39.5%	45.7%	50.0%	63.6%	75.0%
1—not a financial burden at all	43	1	5	8	15	14	23	13	5	2	7	19	6	8	3
	14.3%	5.3%	14.7%	10.1%	18.3%	17.7%	13.9%	18.3%	12.5%	8.7%	18.4%	14.7%	7.7%	24.2%	18.8%
2	38	3	6	11	8	9	23	10	3	2	3	13	12	4	5
	12.7%	15.8%	17.6%	13.9%	9.8%	11.4%	13.9%	14.1%	7.5%	8.7%	7.9%	10.1%	15.4%	12.1%	31.3%
3	36	6	5	12	9	4	19	10	5	2	3	19	7	5	2
	12.0%	31.6%	14.7%	15.2%	11.0%	5.1%	11.4%	14.1%	12.5%	8.7%	7.9%	14.7%	9.0%	15.2%	12.5%
4	31	2	4	9	10	5	18	4	7	2	2	8	14	4	2
	10.3%	10.5%	11.8%	11.4%	12.2%	6.3%	10.8%	5.6%	17.5%	8.7%	5.3%	6.2%	17.9%	12.1%	12.5%
<u>Some</u>	120	7	12	29	29	39	66	28	12	14	15	56	33	9	3
	40.0%	36.8%	35.3%	36.7%	35.4%	49.4%	39.8%	39.4%	30.0%	60.9%	39.5%	43.4%	42.3%	27.3%	18.8%
5	69	4	7	17	18	21	42	14	5	8	9	27	23	5	3
	23.0%	21.1%	20.6%	21.5%	22.0%	26.6%	25.3%	19.7%	12.5%	34.8%	23.7%	20.9%	29.5%	15.2%	18.8%
6	27	2	3	8	7	7	10	8	5	4	2	16	7	2	0
	9.0%	10.5%	8.8%	10.1%	8.5%	8.9%	6.0%	11.3%	12.5%	17.4%	5.3%	12.4%	9.0%	6.1%	0.0%
7	24	1	2	4	4	11	14	6	2	2	4	13	3	2	0
	8.0%	5.3%	5.9%	5.1%	4.9%	13.9%	8.4%	8.5%	5.0%	8.7%	10.5%	10.1%	3.8%	6.1%	0.0%

(continued)

BREC End-Use and Energy Efficiency Survey (December 2007)

Table 24: Next, I'd like you to think about your electric bill as it relates to your home's overall budget and your finances. On a scale of 1 to 10, with 10 being a "significant financial burden" and 1 being "not a financial burden at all," how would you rate your electric bill's impact on your household?

(continued)
All KN respondents

	Age						Type of home				Education				
	Total	18-34	35-44	45-54	55-64	65+	Single-story	Multi-story	Mobile	Other	<HS grad	HS grad	Some college	College grad	Post college
Unweighted Base	300	19	34	79	82	79	166	71	40	23	38	129	78	33	16
Base	300	19	34	79	82	79	166	71	40	23	38	129	78	33	16
Quite a bit	32	0	2	10	11	8	17	6	8	1	8	14	6	3	1
	10.7%	0.0%	5.9%	12.7%	13.4%	10.1%	10.2%	8.5%	20.0%	4.3%	21.1%	10.9%	7.7%	9.1%	6.3%
8	22	0	2	6	8	5	13	3	6	0	4	12	3	2	1
	7.3%	0.0%	5.9%	7.6%	9.8%	6.3%	7.8%	4.2%	15.0%	0.0%	10.5%	9.3%	3.8%	6.1%	6.3%
9	5	0	0	1	2	2	3	1	0	1	3	1	1	0	0
	1.7%	0.0%	0.0%	1.3%	2.4%	2.5%	1.8%	1.4%	0.0%	4.3%	7.9%	0.8%	1.3%	0.0%	0.0%
10—significant financial burden	5	0	0	3	1	1	1	2	2	0	1	1	2	1	0
	1.7%	0.0%	0.0%	3.8%	1.2%	1.3%	0.6%	2.8%	5.0%	0.0%	2.6%	0.8%	2.6%	3.0%	0.0%
				+					+						
Chi Square				30.46				28.22				46.70			
				.729				.400				.109			

(continued)

BREC End-Use and Energy Efficiency Survey (December 2007)

Table 24: Next, I'd like you to think about your electric bill as it relates to your home's overall budget and your finances. On a scale of 1 to 10, with 10 being a "significant financial burden" and 1 being "not a financial burden at all," how would you rate your electric bill's impact on your household?

All KN respondents

	Income					Overall Satisfaction		Age of home					Primary heating source					
	Total	< \$15K	\$15K- \$25K	\$25K- \$40K	\$40- \$75K	> \$75K	Less than satis.	Satis.	<5 yrs	5-10	11-20	21-30	31-50	50+ yrs	Elec. furn.	HP/ geoth.	NG furn.	Prop. furn.
Unweighted Base	300	25	21	53	75	62	77	223	19	46	66	62	62	45	69	48	94	49
Base	300	25	21	53	75	62	77	223	19	46	66	62	62	45	69	48	94	49
<u>Not too much</u>	148	7	6	24	43	42	35	113	12	24	35	29	30	18	27	28	49	22
	49.3%	28.0%	28.6%	45.3%	57.3%	67.7%	45.5%	50.7%	63.2%	52.2%	53.0%	46.8%	48.4%	40.0%	39.1%	58.3%	52.1%	44.9%
						+++									-			
1—not a financial burden at all	43	3	5	5	10	10	5	38	3	6	6	11	9	8	4	6	15	10
	14.3%	12.0%	23.8%	9.4%	13.3%	16.1%	6.5%	17.0%	15.8%	13.0%	9.1%	17.7%	14.5%	17.8%	5.8%	12.5%	16.0%	20.4%
							--	++							--			
2	38	1	0	6	12	14	11	27	3	11	9	6	6	3	9	7	15	2
	12.7%	4.0%	0.0%	11.3%	16.0%	22.6%	14.3%	12.1%	15.8%	23.9%	13.6%	9.7%	9.7%	6.7%	13.0%	14.6%	16.0%	4.1%
							+++			++								--
3	36	3	1	6	10	10	10	26	3	4	11	4	8	6	6	8	10	7
	12.0%	12.0%	4.8%	11.3%	13.3%	16.1%	13.0%	11.7%	15.8%	8.7%	16.7%	6.5%	12.9%	13.3%	8.7%	16.7%	10.6%	14.3%
4	31	0	0	7	11	8	9	22	3	3	9	8	7	1	8	7	9	3
	10.3%	0.0%	0.0%	13.2%	14.7%	12.9%	11.7%	9.9%	15.8%	6.5%	13.6%	12.9%	11.3%	2.2%	11.6%	14.6%	9.6%	6.1%
<u>Some</u>	120	11	10	26	27	16	31	89	5	17	27	23	24	24	33	14	37	24
	40.0%	44.0%	47.6%	49.1%	36.0%	25.8%	40.3%	39.9%	26.3%	37.0%	40.9%	37.1%	38.7%	53.3%	47.8%	29.2%	39.4%	49.0%
5	69	5	6	12	16	13	15	54	2	11	14	14	14	14	18	11	25	8
	23.0%	20.0%	28.6%	22.6%	21.3%	21.0%	19.5%	24.2%	10.5%	23.9%	21.2%	22.6%	22.6%	31.1%	26.1%	22.9%	26.6%	16.3%
6	27	4	3	8	5	2	7	20	3	4	7	3	5	5	11	2	4	6
	9.0%	16.0%	14.3%	15.1%	6.7%	3.2%	9.1%	9.0%	15.8%	8.7%	10.6%	4.8%	8.1%	11.1%	15.9%	4.2%	4.3%	12.2%
				+											++			-

(continued)

BREC End-Use and Energy Efficiency Survey (December 2007)

Table 24: Next, I'd like you to think about your electric bill as it relates to your home's overall budget and your finances. On a scale of 1 to 10, with 10 being a "significant financial burden" and 1 being "not a financial burden at all," how would you rate your electric bill's impact on your household?

(continued)
All KN respondents

	Income					Overall Satisfaction		Age of home					Primary heating source					
	Total	< \$15K	\$15K-\$25K	\$25K-\$40K	\$40-\$75K	> \$75K	Less than satis.	Satis.	<5 yrs	5-10	11-20	21-30	31-50	50+ yrs	Elec. furn.	HP/ geoth.	NG furn.	Prop. furn.
Unweighted Base	300	25	21	53	75	62	77	223	19	46	66	62	62	45	69	48	94	49
Base	300	25	21	53	75	62	77	223	19	46	66	62	62	45	69	48	94	49
7	24	2	1	6	6	1	9	15	0	2	6	6	5	5	4	1	8	10
	8.0%	8.0%	4.8%	11.3%	8.0%	1.6%	11.7%	6.7%	0.0%	4.3%	9.1%	9.7%	8.1%	11.1%	5.8%	2.1%	8.5%	20.4%
Quite a bit	32	7	5	3	5	4	11	21	2	5	4	10	8	3	9	6	8	3
	10.7%	28.0%	23.8%	5.7%	6.7%	6.5%	14.3%	9.4%	10.5%	10.9%	6.1%	16.1%	12.9%	6.7%	13.0%	12.5%	8.5%	6.1%
8	22	5	1	3	2	4	9	13	2	3	2	8	6	1	6	5	7	2
	7.3%	20.0%	4.8%	5.7%	2.7%	6.5%	11.7%	5.8%	10.5%	6.5%	3.0%	12.9%	9.7%	2.2%	8.7%	10.4%	7.4%	4.1%
9	5	0	3	0	1	0	0	5	0	2	1	0	1	1	1	1	0	1
	1.7%	0.0%	14.3%	0.0%	1.3%	0.0%	0.0%	2.2%	0.0%	4.3%	1.5%	0.0%	1.6%	2.2%	1.4%	2.1%	0.0%	2.0%
10—significant financial burden	5	2	1	0	2	0	2	3	0	0	1	2	1	1	2	0	1	0
	1.7%	8.0%	4.8%	0.0%	2.7%	0.0%	2.6%	1.3%	0.0%	0.0%	1.5%	3.2%	1.6%	2.2%	2.9%	0.0%	1.1%	0.0%
Chi Square				69.19				12.19				38.57					39.14	
				.001				.203				.740					.062	

BREC End-Use and Energy Efficiency Survey (December 2007)

Table 25: Now, just a few more questions for classification purposes. In which county do you live?

All KN respondents

	Gender		Financial burden of the electric bill			Number of people in the home					Length of time served by co-op					
	Total	Male	Female	Not too much	Some	Quite a bit	1	2	3	4	5+	<5 yrs.	5-10	11-15	16-25	>25 yrs.
Unweighted Base	300	161	139	148	120	32	41	148	49	42	18	32	71	37	52	108
Base	300	161	139	148	120	32	41	148	49	42	18	32	71	37	52	108
Caldwell	10 3.3%	5 3.1%	5 3.6%	3 2.0%	5 4.2%	2 6.3%	0 0.0%	5 3.4%	2 4.1%	1 2.4%	1 5.6%	1 3.1%	3 4.2%	0 0.0%	0 0.0%	6 5.6%
Crittenden	20 6.7%	12 7.5%	8 5.8%	11 7.4%	7 5.8%	2 6.3%	5 12.2%	10 6.8%	5 10.2%	0 0.0%	0 0.0%	2 6.3%	4 5.6%	3 8.1%	2 3.8%	9 8.3%
Daviess	113 37.7%	52 32.3%	61 43.9%	59 39.9%	44 36.7%	10 31.3%	16 39.0%	51 34.5%	23 46.9%	17 40.5%	5 27.8%	5 15.6%	19 26.8%	21 56.8%	24 46.2%	44 40.7%
Hancock	9 3.0%	5 3.1%	4 2.9%	4 2.7%	3 2.5%	2 6.3%	1 2.4%	7 4.7%	0 0.0%	0 0.0%	1 5.6%	1 3.1%	3 4.2%	0 0.0%	2 3.8%	3 2.8%
Henderson	55 18.3%	33 20.5%	22 15.8%	26 17.6%	23 19.2%	6 18.8%	6 14.6%	24 16.2%	7 14.3%	12 28.6%	6 33.3%	12 37.5%	17 23.9%	5 13.5%	6 11.5%	15 13.9%
Hopkins	17 5.7%	10 6.2%	7 5.0%	10 6.8%	5 4.2%	2 6.3%	2 4.9%	11 7.4%	2 4.1%	2 4.8%	0 0.0%	0 0.0%	7 9.9%	2 5.4%	5 9.6%	3 2.8%
Lyon	19 6.3%	13 8.1%	6 4.3%	14 9.5%	5 4.2%	0 0.0%	1 2.4%	12 8.1%	2 4.1%	3 7.1%	1 5.6%	5 15.6%	8 11.3%	1 2.7%	1 1.9%	4 3.7%
McLean	12 4.0%	9 5.6%	3 2.2%	5 3.4%	5 4.2%	2 6.3%	2 4.9%	4 2.7%	3 6.1%	2 4.8%	1 5.6%	3 9.4%	2 2.8%	2 5.4%	3 5.8%	2 1.9%
Ohio	17 5.7%	8 5.0%	9 6.5%	7 4.7%	6 5.0%	4 12.5%	3 7.3%	8 5.4%	1 2.0%	3 7.1%	2 11.1%	0 0.0%	5 7.0%	1 2.7%	6 11.5%	5 4.6%
Union	16 5.3%	10 6.2%	6 4.3%	4 2.7%	11 9.2%	1 3.1%	3 7.3%	8 5.4%	3 6.1%	2 4.8%	0 0.0%	2 6.3%	2 2.8%	1 2.7%	3 5.8%	8 7.4%

(continued)

BREC End-Use and Energy Efficiency Survey (December 2007)

Table 25: Now, just a few more questions for classification purposes. In which county do you live?

(continued)
All KN respondents

	Gender		Financial burden of the electric bill			Number of people in the home					Length of time served by co-op					
	Total	Male	Female	Not too much	Some	Quite a bit	1	2	3	4	5+	<5 yrs.	5-10	11-15	16-25	>25 yrs.
Unweighted Base	300	161	139	148	120	32	41	148	49	42	18	32	71	37	52	108
Base	300	161	139	148	120	32	41	148	49	42	18	32	71	37	52	108
Webster	12	4	8	5	6	1	2	8	1	0	1	1	1	1	0	9
	4.0%	2.5%	5.8%	3.4%	5.0%	3.1%	4.9%	5.4%	2.0%	0.0%	5.6%	3.1%	1.4%	2.7%	0.0%	8.3%
																+++
Chi Square		10.77			19.57				33.60					68.33		
		.375			.485				.752					.003		

(continued)

BREC End-Use and Energy Efficiency Survey (December 2007)

Table 25: Now, just a few more questions for classification purposes. In which county do you live?

All KN respondents

	Age						Type of home				Education				
	Total	18-34	35-44	45-54	55-64	65+	Single-story	Multi-story	Mobile	Other	<HS grad	HS grad	Some college	College grad	Post college
Unweighted Base	300	19	34	79	82	79	166	71	40	23	38	129	78	33	16
Base	300	19	34	79	82	79	166	71	40	23	38	129	78	33	16
Caldwell	10 3.3%	1 5.3%	0 0.0%	3 3.8%	1 1.2%	3 3.8%	5 3.0%	2 2.8%	2 5.0%	1 4.3%	0 0.0%	6 4.7%	1 1.3%	2 6.1%	0 0.0%
Crittenden	20 6.7%	1 5.3%	1 2.9%	5 6.3%	8 9.8%	5 6.3%	9 5.4%	5 7.0%	5 12.5%	1 4.3%	4 10.5%	9 7.0%	6 7.7%	1 3.0%	0 0.0%
Daviess	113 37.7%	6 31.6%	15 44.1%	29 36.7%	27 32.9%	33 41.8%	75 45.2%	29 40.8%	7 17.5%	2 8.7%	12 31.6%	39 30.2%	31 39.7%	18 54.5%	11 68.8%
Hancock	9 3.0%	1 5.3%	2 5.9%	0 0.0%	4 4.9%	2 2.5%	4 2.4%	2 2.8%	2 5.0%	1 4.3%	1 2.6%	5 3.9%	3 3.8%	0 0.0%	0 0.0%
Henderson	55 18.3%	4 21.1%	10 29.4%	14 17.7%	13 15.9%	14 17.7%	24 14.5%	18 25.4%	7 17.5%	6 26.1%	7 18.4%	25 19.4%	14 17.9%	6 18.2%	2 12.5%
Hopkins	17 5.7%	0 0.0%	1 2.9%	4 5.1%	6 7.3%	5 6.3%	13 7.8%	1 1.4%	2 5.0%	1 4.3%	4 10.5%	3 2.3%	7 9.0%	0 0.0%	2 12.5%
Lyon	19 6.3%	0 0.0%	1 2.9%	5 6.3%	7 8.5%	5 6.3%	7 4.2%	1 1.4%	7 17.5%	4 17.4%	1 2.6%	7 5.4%	5 6.4%	4 12.1%	1 6.3%
McLean	12 4.0%	2 10.5%	3 8.8%	3 3.8%	3 3.7%	1 1.3%	7 4.2%	3 4.2%	2 5.0%	0 0.0%	1 2.6%	8 6.2%	2 2.6%	1 3.0%	0 0.0%
Ohio	17 5.7%	2 10.5%	0 0.0%	7 8.9%	5 6.1%	3 3.8%	7 4.2%	3 4.2%	4 10.0%	3 13.0%	3 7.9%	9 7.0%	5 6.4%	0 0.0%	0 0.0%
Union	16 5.3%	2 10.5%	1 2.9%	6 7.6%	3 3.7%	4 5.1%	7 4.2%	6 8.5%	1 2.5%	2 8.7%	3 7.9%	10 7.8%	2 2.6%	1 3.0%	0 0.0%

(continued)

BREC End-Use and Energy Efficiency Survey (December 2007)

Table 25: Now, just a few more questions for classification purposes. In which county do you live?

(continued)
 All KN respondents

	Age					Type of home				Education					
	Total	18-34	35-44	45-54	55-64	65+	Single-story	Multi-story	Mobile	Other	<HS grad	HS grad	Some college	College grad	Post college
Unweighted Base	300	19	34	79	82	79	166	71	40	23	38	129	78	33	16
Base	300	19	34	79	82	79	166	71	40	23	38	129	78	33	16
Webster	12	0	0	3	5	4	8	1	1	2	2	8	2	0	0
	4.0%	0.0%	0.0%	3.8%	6.1%	5.1%	4.8%	1.4%	2.5%	8.7%	5.3%	6.2%	2.6%	0.0%	0.0%
												+			
Chi Square				33.30				51.32					44.77		
				.764				.009					.279		

(continued)

BREC End-Use and Energy Efficiency Survey (December 2007)

Table 25: Now, just a few more questions for classification purposes. In which county do you live?

All KN respondents

	Income					Overall Satisfaction		Age of home						Primary heating source				
	Total	< \$15K	\$15K-\$25K	\$25K-\$40K	\$40-\$75K	> \$75K	Less than satis.	Satis.	<5 yrs	5-10	11-20	21-30	31-50	50+ yrs	Elec. furn.	HP/ geoth.	NG furn.	Prop. furn.
Unweighted Base	300	25	21	53	75	62	77	223	19	46	66	62	62	45	69	48	94	49
Base	300	25	21	53	75	62	77	223	19	46	66	62	62	45	69	48	94	49
Caldwell	10 3.3%	1 4.0%	0 0.0%	2 3.8%	3 4.0%	1 1.6%	5 6.5%	5 2.2%	0 0.0%	1 2.2%	2 3.0%	0 0.0%	6 9.7%	1 2.2%	3 4.3%	1 2.1%	0 0.0%	4 8.2%
Crittenden	20 6.7%	2 8.0%	3 14.3%	3 5.7%	6 8.0%	1 1.6%	4 5.2%	16 7.2%	1 5.3%	3 6.5%	7 10.6%	2 3.2%	2 3.2%	5 11.1%	5 7.2%	2 4.2%	0 0.0%	6 12.2%
Daviess	113 37.7%	7 28.0%	6 28.6%	18 34.0%	24 32.0%	31 50.0%	18 23.4%	95 42.6%	10 52.6%	16 34.8%	23 34.8%	24 38.7%	23 37.1%	17 37.8%	12 17.4%	13 27.1%	69 73.4%	11 22.4%
Hancock	9 3.0%	3 12.0%	0 0.0%	0 0.0%	4 5.3%	0 0.0%	4 5.2%	5 2.2%	1 5.3%	1 2.2%	2 3.0%	2 3.2%	1 1.6%	2 4.4%	2 2.9%	1 2.1%	2 2.1%	2 4.1%
Henderson	55 18.3%	1 4.0%	5 23.8%	10 18.9%	14 18.7%	15 24.2%	18 23.4%	37 16.6%	2 10.5%	11 23.9%	12 18.2%	13 21.0%	10 16.1%	7 15.6%	20 29.0%	8 16.7%	15 16.0%	8 16.3%
Hopkins	17 5.7%	1 4.0%	1 4.8%	4 7.5%	1 1.3%	5 8.1%	3 3.9%	14 6.3%	0 0.0%	4 8.7%	3 4.5%	8 12.9%	1 1.6%	1 2.2%	1 1.4%	8 16.7%	2 2.1%	2 4.1%
Lyon	19 6.3%	0 0.0%	1 4.8%	6 11.3%	5 6.7%	2 3.2%	7 9.1%	12 5.4%	1 5.3%	6 13.0%	5 7.6%	3 4.8%	3 6.5%	4 0.0%	5 7.2%	7 14.6%	3 3.2%	2 4.1%
McLean	12 4.0%	3 12.0%	0 0.0%	1 1.9%	3 4.0%	3 4.8%	6 7.8%	6 2.7%	2 10.5%	0 0.0%	2 3.0%	3 4.8%	3 4.8%	2 4.4%	4 5.8%	4 8.3%	0 0.0%	1 2.0%
Ohio	17 5.7%	5 20.0%	0 0.0%	4 7.5%	4 5.3%	2 3.2%	5 6.5%	12 5.4%	1 5.3%	1 2.2%	3 4.5%	5 8.1%	3 4.8%	4 8.9%	5 7.2%	3 6.3%	3 3.2%	1 2.0%
Union	16 5.3%	1 4.0%	2 9.5%	3 5.7%	6 8.0%	2 3.2%	7 9.1%	9 4.0%	1 5.3%	3 6.5%	5 7.6%	1 1.6%	3 4.8%	3 6.7%	9 13.0%	0 0.0%	0 0.0%	7 14.3%

(continued)

BREC End-Use and Energy Efficiency Survey (December 2007)

Table 25: Now, just a few more questions for classification purposes. In which county do you live?

(continued)

All KN respondents

	Income						Overall Satisfaction		Age of home						Primary heating source			
	Total	< \$15K	\$15K-\$25K	\$25K-\$40K	\$40-\$75K	> \$75K	Less than satis.	Satis.	<5 yrs	5-10	11-20	21-30	31-50	50+ yrs	Elec. furn.	HP/ geoth.	NG furn.	Prop. furn.
Unweighted Base	300	25	21	53	75	62	77	223	19	46	66	62	62	45	69	48	94	49
Base	300	25	21	53	75	62	77	223	19	46	66	62	62	45	69	48	94	49
Webster	12	1	3	2	5	0	0	12	0	0	2	1	6	3	3	1	0	5
	4.0%	4.0%	14.3%	3.8%	6.7%	0.0%	0.0%	5.4%	0.0%	0.0%	3.0%	1.6%	9.7%	6.7%	4.3%	2.1%	0.0%	10.2%
								++					++					++
Chi Square				60.72				24.71			56.10						126.39	
				.019				.006			.257						.001	

BREC End-Use and Energy Efficiency Survey (December 2007)

Table 26: On average, how much do you pay per month for electricity for your home?

All KN respondents

	Gender		Financial burden of the electric bill			Number of people in the home					Length of time served by co-op					
	Total	Male	Female	Not too much	Some	Quite a bit	1	2	3	4	5+	<5 yrs.	5-10	11-15	16-25	>25 yrs.
Unweighted Base	300	161	139	148	120	32	41	148	49	42	18	32	71	37	52	108
Base	300	161	139	148	120	32	41	148	49	42	18	32	71	37	52	108
Less than \$25	3 1.0%	1 0.6%	2 1.4%	3 2.0%	0 0.0%	0 0.0%	1 2.4%	1 0.7%	0 0.0%	1 2.4%	0 0.0%	3 9.4%	0 0.0%	0 0.0%	0 0.0%	0 0.0%
\$25-\$50	22 7.3%	9 5.6%	13 9.4%	15 10.1%	5 4.2%	2 6.3%	14 34.1%	7 4.7%	0 0.0%	1 2.4%	0 0.0%	1 3.1%	2 2.8%	2 5.4%	4 7.7%	13 12.0%
\$50-\$75	50 16.7%	24 14.9%	26 18.7%	26 17.6%	22 18.3%	2 6.3%	9 22.0%	26 17.6%	9 18.4%	5 11.9%	1 5.6%	4 12.5%	8 11.3%	5 13.5%	9 17.3%	24 22.2%
\$75-\$100	75 25.0%	42 26.1%	33 23.7%	39 26.4%	30 25.0%	6 18.8%	8 19.5%	41 27.7%	17 34.7%	7 16.7%	2 11.1%	13 40.6%	17 23.9%	10 27.0%	10 19.2%	25 23.1%
\$100-\$150	80 26.7%	50 31.1%	30 21.6%	40 27.0%	31 25.8%	9 28.1%	4 9.8%	44 29.7%	13 26.5%	12 28.6%	6 33.3%	8 25.0%	20 28.2%	7 18.9%	20 38.5%	25 23.1%
\$150-\$200	46 15.3%	22 13.7%	24 17.3%	20 13.5%	16 13.3%	10 31.3%	4 9.8%	16 10.8%	6 12.2%	13 31.0%	7 38.9%	1 3.1%	13 18.3%	10 27.0%	8 15.4%	14 13.0%
More than \$200	10 3.3%	3 1.9%	7 5.0%	3 2.0%	5 4.2%	2 6.3%	0 0.0%	5 3.4%	0 0.0%	3 7.1%	2 11.1%	1 3.1%	5 7.0%	1 2.7%	1 1.9%	2 1.9%
Refused to guess	14 4.7%	10 6.2%	4 2.9%	2 1.4%	11 9.2%	1 3.1%	1 2.4%	8 5.4%	4 8.2%	0 0.0%	0 0.0%	1 3.1%	6 8.5%	2 5.4%	0 0.0%	5 4.6%
Chi Square		9.92 .193		25.99 .026		92.53 .001						59.36 .001				

(continued)

BREC End-Use and Energy Efficiency Survey (December 2007)

Table 26: On average, how much do you pay per month for electricity for your home?

All KN respondents

	Age					Type of home				Education					
	Total	18-34	35-44	45-54	55-64	65+	Single-story	Multi-story	Mobile	Other	<HS grad	HS grad	Some college	College grad	Post college
Unweighted Base	300	19	34	79	82	79	166	71	40	23	38	129	78	33	16
Base	300	19	34	79	82	79	166	71	40	23	38	129	78	33	16
Less than \$25	3 1.0%	0 0.0%	0 0.0%	1 1.3%	2 2.4%	0 0.0%	0 0.0%	0 0.0%	2 5.0%	1 4.3%	1 2.6%	1 0.8%	0 0.0%	1 3.0%	0 0.0%
\$25-\$50	22 7.3%	2 10.5%	1 2.9%	3 3.8%	4 4.9%	12 15.2%	13 7.8%	4 5.6%	4 10.0%	1 4.3%	4 10.5%	13 10.1%	2 2.6%	3 9.1%	0 0.0%
\$50-\$75	50 16.7%	3 15.8%	4 11.8%	9 11.4%	18 22.0%	16 20.3%	32 19.3%	10 14.1%	4 10.0%	4 17.4%	8 21.1%	24 18.6%	15 19.2%	1 3.0%	2 12.5%
\$75-\$100	75 25.0%	6 31.6%	11 32.4%	15 19.0%	21 25.6%	21 26.6%	55 33.1%	10 14.1%	6 15.0%	4 17.4%	14 36.8%	26 20.2%	20 25.6%	12 36.4%	2 12.5%
\$100-\$150	80 26.7%	3 15.8%	10 29.4%	25 31.6%	22 26.8%	17 21.5%	38 22.9%	22 31.0%	10 25.0%	10 43.5%	3 7.9%	43 33.3%	22 28.2%	6 18.2%	4 25.0%
\$150-\$200	46 15.3%	3 15.8%	5 14.7%	21 26.6%	8 9.8%	9 11.4%	19 11.4%	16 22.5%	9 22.5%	2 8.7%	5 13.2%	13 10.1%	16 20.5%	7 21.2%	4 25.0%
More than \$200	10 3.3%	1 5.3%	3 8.8%	2 2.5%	3 3.7%	1 1.3%	4 2.4%	4 5.6%	2 5.0%	0 0.0%	1 2.6%	3 2.3%	3 3.8%	1 3.0%	2 12.5%
Refused to guess	14 4.7%	1 5.3%	0 0.0%	3 3.8%	4 4.9%	3 3.8%	5 3.0%	5 7.0%	3 7.5%	1 4.3%	2 5.3%	6 4.7%	0 0.0%	2 6.1%	2 12.5%
Chi Square				35.82 .147				39.38 .009					44.25 .026		

(continued)

BREC End-Use and Energy Efficiency Survey (December 2007)

Table 26: On average, how much do you pay per month for electricity for your home?

All KN respondents

	Income						Overall Satisfaction		Age of home						Primary heating source			
	Total	< \$15K	\$15K-\$25K	\$25K-\$40K	\$40-\$75K	> \$75K	Less than satis.	Satis.	<5 yrs	5-10	11-20	21-30	31-50	50+ yrs	Elec. furn.	HP/ geoth.	NG furn.	Prop. furn.
Unweighted Base	300	25	21	53	75	62	77	223	19	46	66	62	62	45	69	48	94	49
Base	300	25	21	53	75	62	77	223	19	46	66	62	62	45	69	48	94	49
Less than \$25	3 1.0%	0 0.0%	1 4.8%	0 0.0%	1 1.3%	0 0.0%	1 1.3%	2 0.9%	0 0.0%	0 0.0%	2 3.0%	1 1.6%	0 0.0%	0 0.0%	1 1.4%	0 0.0%	0 0.0%	0 0.0%
\$25-\$50	22 7.3%	5 20.0%	1 4.8%	4 7.5%	6 8.0%	1 1.6%	3 3.9%	19 8.5%	1 5.3%	3 6.5%	3 4.5%	3 4.8%	7 11.3%	5 11.1%	1 1.4%	2 4.2%	7 7.4%	5 10.2%
\$50-\$75	50 16.7%	6 24.0%	6 28.6%	12 22.6%	11 14.7%	5 8.1%	11 14.3%	39 17.5%	3 15.8%	7 15.2%	6 9.1%	13 21.0%	13 21.0%	8 17.8%	4 5.8%	3 6.3%	21 22.3%	15 30.6%
\$75-\$100	75 25.0%	3 12.0%	8 38.1%	14 26.4%	20 26.7%	14 22.6%	14 18.2%	61 27.4%	4 21.1%	7 15.2%	18 27.3%	18 29.0%	17 27.4%	11 24.4%	13 18.8%	11 22.9%	34 36.2%	11 22.4%
\$100-\$150	80 26.7%	6 24.0%	2 9.5%	15 28.3%	22 29.3%	19 30.6%	25 32.5%	55 24.7%	8 42.1%	17 37.0%	18 27.3%	13 21.0%	14 22.6%	10 22.2%	25 36.2%	18 37.5%	13 13.8%	12 24.5%
\$150-\$200	46 15.3%	4 16.0%	2 9.5%	6 11.3%	9 12.0%	19 30.6%	12 15.6%	34 15.2%	3 15.8%	8 17.4%	11 16.7%	12 19.4%	6 9.7%	6 13.3%	17 24.6%	11 22.9%	10 10.6%	2 4.1%
More than \$200	10 3.3%	1 4.0%	1 4.8%	2 3.8%	3 4.0%	2 3.2%	7 9.1%	3 1.3%	0 0.0%	2 4.3%	3 4.5%	1 1.6%	2 3.2%	2 4.4%	4 5.8%	2 4.2%	3 3.2%	1 2.0%
Refused to guess	14 4.7%	0 0.0%	0 0.0%	0 0.0%	3 4.0%	2 3.2%	4 5.2%	10 4.5%	0 0.0%	2 4.3%	5 7.6%	1 1.6%	3 4.8%	3 6.7%	4 5.8%	1 2.1%	6 6.4%	3 6.1%
Chi Square				40.14 .064			15.71 .028				27.36 .818					52.42 .001		

BREC End-Use and Energy Efficiency Survey (December 2007)

Table 27: What was the last grade you completed in school?

All KN respondents

	Gender		Financial burden of the electric bill			Number of people in the home					Length of time served by co-op					
	Total	Male	Female	Not too much	Some	Quite a bit	1	2	3	4	5+	<5 yrs.	5-10	11-15	16-25	>25 yrs.
Unweighted Base	300	161	139	148	120	32	41	148	49	42	18	32	71	37	52	108
Base	300	161	139	148	120	32	41	148	49	42	18	32	71	37	52	108
8th grade or less	13 4.3%	10 6.2%	3 2.2%	5 3.4%	4 3.3%	4 12.5%	2 4.9%	10 6.8%	1 2.0%	0 0.0%	0 0.0%	1 3.1%	1 1.4%	2 5.4%	1 1.9%	8 7.4%
			+	-		++		++								++
Some high school	25 8.3%	14 8.7%	11 7.9%	10 6.8%	11 9.2%	4 12.5%	9 22.0%	7 4.7%	6 12.2%	1 2.4%	2 11.1%	3 9.4%	7 9.9%	3 8.1%	5 9.6%	7 6.5%
							+++	--								
High school graduate/vo-tech/GED	129 43.0%	74 46.0%	55 39.6%	59 39.9%	56 46.7%	14 43.8%	18 43.9%	71 48.0%	15 30.6%	19 45.2%	6 33.3%	12 37.5%	31 43.7%	8 21.6%	20 38.5%	58 53.7%
								+	-					---		+++
Some college/associate's degree	78 26.0%	32 19.9%	46 33.1%	39 26.4%	33 27.5%	6 18.8%	7 17.1%	37 25.0%	15 30.6%	12 28.6%	7 38.9%	8 25.0%	18 25.4%	11 29.7%	19 36.5%	22 20.4%
			---	+++										+		-
College graduate/bachelor's degree	33 11.0%	18 11.2%	15 10.8%	21 14.2%	9 7.5%	3 9.4%	5 12.2%	12 8.1%	7 14.3%	7 16.7%	2 11.1%	8 25.0%	6 8.5%	8 21.6%	5 9.6%	6 5.6%
				+								+++		++		--
Post college/graduate school	16 5.3%	9 5.6%	7 5.0%	12 8.1%	3 2.5%	1 3.1%	0 0.0%	8 5.4%	4 8.2%	3 7.1%	1 5.6%	0 0.0%	6 8.5%	5 13.5%	1 1.9%	4 3.7%
				++	-									++		
Refused	6 2.0%	4 2.5%	2 1.4%	2 1.4%	4 3.3%	0 0.0%	0 0.0%	3 2.0%	1 2.0%	0 0.0%	0 0.0%	0 0.0%	2 2.8%	0 0.0%	1 1.9%	3 2.8%
Chi Square			9.07 .170		17.23 .141				33.43 .095					40.68 .018		

(continued)

BREC End-Use and Energy Efficiency Survey (December 2007)

Table 27: What was the last grade you completed in school?

All KN respondents

	Age						Type of home				Education				
	Total	18-34	35-44	45-54	55-64	65+	Single-story	Multi-story	Mobile	Other	<HS grad	HS grad	Some college	College grad	Post college
Unweighted Base	300	19	34	79	82	79	166	71	40	23	38	129	78	33	16
Base	300	19	34	79	82	79	166	71	40	23	38	129	78	33	16
8th grade or less	13 4.3%	0 0.0%	0 0.0%	1 1.3%	6 7.3%	6 7.6%	6 3.6%	3 4.2%	3 7.5%	1 4.3%	13 34.2%	0 0.0%	0 0.0%	0 0.0%	0 0.0%
Some high school	25 8.3%	0 0.0%	1 2.9%	7 8.9%	5 6.1%	12 15.2%	11 6.6%	8 11.3%	4 10.0%	2 8.7%	25 65.8%	0 0.0%	0 0.0%	0 0.0%	0 0.0%
High school graduate/votech/GED	129 43.0%	7 36.8%	19 55.9%	29 36.7%	33 40.2%	39 49.4%	73 44.0%	21 29.6%	21 52.5%	14 60.9%	0 0.0%	129 100.0%	0 0.0%	0 0.0%	0 0.0%
Some college/associate's degree	78 26.0%	8 42.1%	7 20.6%	28 35.4%	23 28.0%	12 15.2%	46 27.7%	22 31.0%	9 22.5%	1 4.3%	0 0.0%	0 0.0%	78 100.0%	0 0.0%	0 0.0%
College graduate/bachelor's degree	33 11.0%	3 15.8%	4 11.8%	11 13.9%	9 11.0%	6 7.6%	19 11.4%	9 12.7%	2 5.0%	3 13.0%	0 0.0%	0 0.0%	0 0.0%	33 100.0%	0 0.0%
Post college/graduate school	16 5.3%	1 5.3%	3 8.8%	3 3.8%	6 7.3%	3 3.8%	9 5.4%	6 8.5%	0 0.0%	1 4.3%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	16 100.0%
Refused	6 2.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	1 1.3%	2 1.2%	2 2.8%	1 2.5%	1 4.3%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%
Chi Square				33.02 .104				19.86 .341					1000+ .001		

(continued)

BREC End-Use and Energy Efficiency Survey (December 2007)

Table 27: What was the last grade you completed in school?

All KN respondents

	Income						Overall Satisfaction		Age of home						Primary heating source			
	Total	< \$15K	\$15K-\$25K	\$25K-\$40K	\$40-\$75K	> \$75K	Less than satis.	Satis.	<5 yrs	5-10	11-20	21-30	31-50	50+ yrs	Elec. furn.	HP/ geoth.	NG furn.	Prop. furn.
Unweighted Base	300	25	21	53	75	62	77	223	19	46	66	62	62	45	69	48	94	49
Base	300	25	21	53	75	62	77	223	19	46	66	62	62	45	69	48	94	49
8th grade or less	13 4.3%	3 12.0%	3 14.3%	2 3.8%	0 0.0%	0 0.0%	2 2.6%	11 4.9%	1 5.3%	3 6.5%	1 1.5%	1 1.6%	5 8.1%	2 4.4%	2 2.9%	1 2.1%	4 4.3%	6 12.2%
Some high school	25 8.3%	2 8.0%	7 33.3%	8 15.1%	5 6.7%	1 1.6%	6 7.8%	19 8.5%	1 5.3%	2 4.3%	3 4.5%	9 14.5%	6 9.7%	4 8.9%	5 7.2%	1 2.1%	8 8.5%	4 8.2%
High school graduate/votech/GED	129 43.0%	16 64.0%	9 42.9%	27 50.9%	35 46.7%	13 21.0%	33 42.9%	96 43.0%	7 36.8%	21 45.7%	27 40.9%	23 37.1%	27 43.5%	24 53.3%	35 50.7%	12 25.0%	30 31.9%	26 53.1%
Some college/associate's degree	78 26.0%	4 16.0%	1 4.8%	13 24.5%	21 28.0%	23 37.1%	17 22.1%	61 27.4%	6 31.6%	8 17.4%	19 28.8%	17 27.4%	16 25.8%	12 26.7%	15 21.7%	19 39.6%	29 30.9%	8 16.3%
College graduate/bachelor's degree	33 11.0%	0 0.0%	1 4.8%	3 5.7%	10 13.3%	14 22.6%	11 14.3%	22 9.9%	4 21.1%	8 17.4%	10 15.2%	7 11.3%	3 4.8%	1 2.2%	9 13.0%	9 18.8%	11 11.7%	4 8.2%
Post college/graduate school	16 5.3%	0 0.0%	0 0.0%	0 0.0%	4 5.3%	11 17.7%	7 9.1%	9 4.0%	0 0.0%	4 8.7%	5 7.6%	3 4.8%	4 6.5%	0 0.0%	1 1.4%	5 10.4%	10 10.6%	0 0.0%
Refused	6 2.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	1 1.3%	5 2.2%	0 0.0%	0 0.0%	1 1.5%	2 3.2%	1 1.6%	2 4.4%	2 2.9%	1 2.1%	2 2.1%	1 2.0%
Chi Square				85.15 .001			5.38 .496				31.96 .369					35.56 .008		

BREC End-Use and Energy Efficiency Survey (December 2007)

Table 28: In what year were you born?

All KN respondents

	Gender		Financial burden of the electric bill			Number of people in the home					Length of time served by co-op					
	Total	Male	Female	Not too much	Some	Quite a bit	1	2	3	4	5+	<5 yrs.	5-10	11-15	16-25	>25 yrs.
Unweighted Base	300	161	139	148	120	32	41	148	49	42	18	32	71	37	52	108
Base	300	161	139	148	120	32	41	148	49	42	18	32	71	37	52	108
65+	79	46	33	32	39	8	23	47	8	0	1	3	12	1	11	52
	26.3%	28.6%	23.7%	21.6%	32.5%	25.0%	56.1%	31.8%	16.3%	0.0%	5.6%	9.4%	16.9%	2.7%	21.2%	48.1%
				-	++		+++	++	-			-	-	-		+++
1913	1	0	1	0	1	0	1	0	0	0	0	0	0	0	0	1
	0.3%	0.0%	0.7%	0.0%	0.8%	0.0%	2.4%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.9%
							++									
1915	1	1	0	0	1	0	0	1	0	0	0	0	0	0	0	1
	0.3%	0.6%	0.0%	0.0%	0.8%	0.0%	0.0%	0.7%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.9%
1921	1	0	1	0	1	0	0	1	0	0	0	0	0	0	1	0
	0.3%	0.0%	0.7%	0.0%	0.8%	0.0%	0.0%	0.7%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	1.9%	0.0%
															++	
1922	3	1	2	1	2	0	1	2	0	0	0	0	0	0	0	3
	1.0%	0.6%	1.4%	0.7%	1.7%	0.0%	2.4%	1.4%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	2.8%
																++
1925	4	4	0	2	2	0	1	3	0	0	0	0	1	0	1	2
	1.3%	2.5%	0.0%	1.4%	1.7%	0.0%	2.4%	2.0%	0.0%	0.0%	0.0%	0.0%	1.4%	0.0%	1.9%	1.9%
		+														
1926	2	2	0	0	1	1	0	2	0	0	0	0	1	0	0	1
	0.7%	1.2%	0.0%	0.0%	0.8%	3.1%	0.0%	1.4%	0.0%	0.0%	0.0%	0.0%	1.4%	0.0%	0.0%	0.9%
						+										
1927	4	3	1	1	2	1	1	2	1	0	0	0	0	0	0	4
	1.3%	1.9%	0.7%	0.7%	1.7%	3.1%	2.4%	1.4%	2.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	3.7%
																+++
1928	3	2	1	2	1	0	0	2	1	0	0	0	0	0	0	3
	1.0%	1.2%	0.7%	1.4%	0.8%	0.0%	0.0%	1.4%	2.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	2.8%
																++
1929	3	1	2	2	1	0	2	0	1	0	0	0	0	0	1	2
	1.0%	0.6%	1.4%	1.4%	0.8%	0.0%	4.9%	0.0%	2.0%	0.0%	0.0%	0.0%	0.0%	0.0%	1.9%	1.9%
							+++									

(continued)

BREC End-Use and Energy Efficiency Survey (December 2007)

Table 28: In what year were you born?

(continued)

All KN respondents

	Gender		Financial burden of the electric bill			Number of people in the home					Length of time served by co-op					
	Total	Male	Female	Not too much	Some	Quite a bit	1	2	3	4	5+	<5 yrs.	5-10	11-15	16-25	>25 yrs.
Unweighted Base	300	161	139	148	120	32	41	148	49	42	18	32	71	37	52	108
Base	300	161	139	148	120	32	41	148	49	42	18	32	71	37	52	108
1930	4 1.3%	3 1.9%	1 0.7%	1 0.7%	2 1.7%	1 3.1%	1 2.4%	3 2.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	1 1.4%	0 0.0%	0 0.0%	3 2.8%
1931	4 1.3%	2 1.2%	2 1.4%	0 0.0%	3 2.5%	1 3.1%	2 4.9%	1 0.7%	1 2.0%	0 0.0%	0 0.0%	0 0.0%	1 1.4%	0 0.0%	1 1.9%	2 1.9%
1932	4 1.3%	2 1.2%	2 1.4%	1 0.7%	3 2.5%	0 0.0%	3 7.3%	1 0.7%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	2 3.8%	2 1.9%
1933	3 1.0%	1 0.6%	2 1.4%	1 0.7%	1 0.8%	1 3.1%	2 4.9%	1 0.7%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	1 1.4%	0 0.0%	0 0.0%	2 1.9%
1934	7 2.3%	4 2.5%	3 2.2%	5 3.4%	2 1.7%	0 0.0%	2 4.9%	4 2.7%	1 2.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	1 1.9%	6 5.6%
1935	7 2.3%	3 1.9%	4 2.9%	1 0.7%	4 3.3%	2 6.3%	3 7.3%	4 2.7%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	2 2.8%	0 0.0%	0 0.0%	5 4.6%
1936	3 1.0%	3 1.9%	0 0.0%	1 0.7%	1 0.8%	1 3.1%	0 0.0%	2 1.4%	1 2.0%	0 0.0%	0 0.0%	1 3.1%	1 1.4%	0 0.0%	0 0.0%	1 0.9%
1937	4 1.3%	2 1.2%	2 1.4%	2 1.4%	2 1.7%	0 0.0%	2 4.9%	1 0.7%	1 2.0%	0 0.0%	0 0.0%	1 3.1%	0 0.0%	0 0.0%	1 1.9%	2 1.9%
1938	3 1.0%	3 1.9%	0 0.0%	2 1.4%	1 0.8%	0 0.0%	0 0.0%	2 1.4%	1 2.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	3 2.8%

(continued)

BREC End-Use and Energy Efficiency Survey (December 2007)

Table 28: In what year were you born?

(continued)

All KN respondents

	Gender		Financial burden of the electric bill			Number of people in the home					Length of time served by co-op					
	Total	Male	Female	Not too much	Some	Quite a bit	1	2	3	4	5+	<5 yrs.	5-10	11-15	16-25	>25 yrs.
Unweighted Base	300	161	139	148	120	32	41	148	49	42	18	32	71	37	52	108
Base	300	161	139	148	120	32	41	148	49	42	18	32	71	37	52	108
1939	4 1.3%	2 1.2%	2 1.4%	2 1.4%	2 1.7%	0 0.0%	1 2.4%	2 1.4%	0 0.0%	0 0.0%	1 5.6%	0 0.0%	1 1.4%	1 2.7%	1 1.9%	1 0.9%
1940	6 2.0%	1 0.6%	5 3.6%	3 2.0%	3 2.5%	0 0.0%	0 0.0%	6 4.1%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	1 1.9%	5 4.6%
1941	4 1.3%	3 1.9%	1 0.7%	2 1.4%	2 1.7%	0 0.0%	0 0.0%	4 2.7%	0 0.0%	0 0.0%	0 0.0%	1 3.1%	2 2.8%	0 0.0%	0 0.0%	1 0.9%
1942	4 1.3%	3 1.9%	1 0.7%	3 2.0%	1 0.8%	0 0.0%	1 2.4%	3 2.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	1 1.4%	0 0.0%	1 1.9%	2 1.9%
55-64	82 27.3%	45 28.0%	37 26.6%	42 28.4%	29 24.2%	11 34.4%	9 22.0%	55 37.2%	10 20.4%	5 11.9%	3 16.7%	7 21.9%	13 18.3%	16 43.2%	12 23.1%	34 31.5%
1943	4 1.3%	3 1.9%	1 0.7%	2 1.4%	1 0.8%	1 3.1%	0 0.0%	3 2.0%	1 2.0%	0 0.0%	0 0.0%	1 3.1%	1 1.4%	0 0.0%	0 0.0%	2 1.9%
1944	13 4.3%	7 4.3%	6 4.3%	7 4.7%	4 3.3%	2 6.3%	1 2.4%	10 6.8%	2 4.1%	0 0.0%	0 0.0%	2 6.3%	3 4.2%	3 8.1%	0 0.0%	5 4.6%
1945	4 1.3%	2 1.2%	2 1.4%	4 2.7%	0 0.0%	0 0.0%	0 0.0%	4 2.7%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	1 1.4%	1 2.7%	0 0.0%	2 1.9%
1946	12 4.0%	8 5.0%	4 2.9%	6 4.1%	6 5.0%	0 0.0%	2 4.9%	7 4.7%	3 6.1%	0 0.0%	0 0.0%	0 0.0%	1 1.4%	3 8.1%	4 7.7%	4 3.7%

(continued)

BREC End-Use and Energy Efficiency Survey (December 2007)

Table 28: In what year were you born?

(continued)
All KN respondents

	Gender		Financial burden of the electric bill			Number of people in the home					Length of time served by co-op					
	Total	Male	Female	Not too much	Some	Quite a bit	1	2	3	4	5+	<5 yrs.	5-10	11-15	16-25	>25 yrs.
Unweighted Base	300	161	139	148	120	32	41	148	49	42	18	32	71	37	52	108
Base	300	161	139	148	120	32	41	148	49	42	18	32	71	37	52	108
1947	8 2.7%	3 1.9%	5 3.6%	2 1.4%	2 1.7%	4 12.5% +++	1 2.4%	5 3.4%	0 0.0%	1 2.4%	1 5.6%	0 0.0%	1 1.4%	1 2.7%	3 5.8%	3 2.8%
1948	12 4.0%	6 3.7%	6 4.3%	3 2.0%	8 6.7%	1 3.1%	2 4.9%	7 4.7%	2 4.1%	1 2.4%	0 0.0%	0 0.0%	5 7.0%	2 5.4%	0 0.0%	5 4.6%
1949	7 2.3%	5 3.1%	2 1.4%	3 2.0%	3 2.5%	1 3.1%	1 2.4%	4 2.7%	1 2.0%	0 0.0%	1 5.6%	0 0.0%	1 1.4%	2 5.4%	2 3.8%	2 1.9%
1950	7 2.3%	4 2.5%	3 2.2%	6 4.1%	1 0.8%	0 0.0%	1 2.4%	3 2.0%	0 0.0%	3 7.1%	0 0.0%	1 3.1%	0 0.0%	2 5.4%	2 3.8%	2 1.9%
1951	7 2.3%	3 1.9%	4 2.9%	3 2.0%	3 2.5%	1 3.1%	1 2.4%	5 3.4%	1 2.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	1 1.9%	6 5.6% +++
1952	8 2.7%	4 2.5%	4 2.9%	6 4.1%	1 0.8%	1 3.1%	0 0.0%	7 4.7% ++	0 0.0%	0 0.0%	1 5.6%	3 9.4% ++	0 0.0%	2 5.4%	0 0.0%	3 2.8%
45-54	79 26.3%	37 23.0%	42 30.2%	40 27.0%	29 24.2%	10 31.3%	7 17.1%	32 21.6%	15 30.6%	17 40.5%	8 44.4%	12 37.5%	16 22.5%	13 35.1%	20 38.5%	18 16.7% ++
1953	9 3.0%	4 2.5%	5 3.6%	5 3.4%	2 1.7%	2 6.3%	1 2.4%	5 3.4%	1 2.0%	0 0.0%	2 11.1%	1 3.1%	3 4.2%	1 2.7%	1 1.9%	3 2.8%
1954	12 4.0%	6 3.7%	6 4.3%	6 4.1%	2 1.7%	4 12.5% +++	4 9.8% ++	4 2.7%	3 6.1%	1 2.4%	0 0.0%	2 6.3%	2 2.8%	2 5.4%	2 3.8%	4 3.7%

(continued)

BREC End-Use and Energy Efficiency Survey (December 2007)

Table 28: In what year were you born?

(continued)

All KN respondents

	Gender		Financial burden of the electric bill			Number of people in the home					Length of time served by co-op					
	Total	Male	Female	Not too much	Some	Quite a bit	1	2	3	4	5+	<5 yrs.	5-10	11-15	16-25	>25 yrs.
Unweighted Base	300	161	139	148	120	32	41	148	49	42	18	32	71	37	52	108
Base	300	161	139	148	120	32	41	148	49	42	18	32	71	37	52	108
1955	8 2.7%	5 3.1%	3 2.2%	3 2.0%	5 4.2%	0 0.0%	1 2.4%	6 4.1%	1 2.0%	0 0.0%	0 0.0%	1 3.1%	2 2.8%	1 2.7%	4 7.7%	0 0.0%
1956	4 1.3%	1 0.6%	3 2.2%	1 0.7%	2 1.7%	1 3.1%	1 2.4%	1 0.7%	1 2.0%	1 2.4%	0 0.0%	2 6.3%	1 1.4%	0 0.0%	1 1.9%	0 0.0%
1957	7 2.3%	6 3.7%	1 0.7%	6 4.1%	1 0.8%	0 0.0%	0 0.0%	5 3.4%	1 2.0%	1 2.4%	0 0.0%	0 0.0%	2 2.8%	1 2.7%	3 5.8%	1 0.9%
1958	12 4.0%	7 4.3%	5 3.6%	5 3.4%	6 5.0%	1 3.1%	0 0.0%	5 3.4%	2 4.1%	2 4.8%	3 16.7%	2 6.3%	0 0.0%	0 0.0%	3 5.8%	7 6.5%
1959	7 2.3%	2 1.2%	5 3.6%	4 2.7%	3 2.5%	0 0.0%	0 0.0%	3 2.0%	0 0.0%	2 4.8%	2 11.1%	1 3.1%	0 0.0%	2 5.4%	3 5.8%	1 0.9%
1960	4 1.3%	1 0.6%	3 2.2%	1 0.7%	3 2.5%	0 0.0%	0 0.0%	1 0.7%	1 2.0%	2 4.8%	0 0.0%	1 3.1%	1 1.4%	0 0.0%	1 1.9%	1 0.9%
1961	9 3.0%	2 1.2%	7 5.0%	6 4.1%	2 1.7%	1 3.1%	0 0.0%	2 1.4%	1 2.0%	5 11.9%	1 5.6%	2 6.3%	2 2.8%	3 8.1%	1 1.9%	1 0.9%
1962	7 2.3%	3 1.9%	4 2.9%	3 2.0%	3 2.5%	1 3.1%	0 0.0%	0 0.0%	4 8.2%	3 7.1%	0 0.0%	0 0.0%	3 4.2%	3 8.1%	1 1.9%	0 0.0%

(continued)

BREC End-Use and Energy Efficiency Survey (December 2007)

Table 28: In what year were you born?

(continued)

All KN respondents

	Gender		Financial burden of the electric bill			Number of people in the home					Length of time served by co-op					
	Total	Male	Female	Not too much	Some	Quite a bit	1	2	3	4	5+	<5 yrs.	5-10	11-15	16-25	>25 yrs.
Unweighted Base	300	161	139	148	120	32	41	148	49	42	18	32	71	37	52	108
Base	300	161	139	148	120	32	41	148	49	42	18	32	71	37	52	108
35-44	34 11.3%	17 10.6%	17 12.2%	20 13.5%	12 10.0%	2 6.3%	1 2.4%	8 5.4%	8 16.3%	14 33.3%	3 16.7%	3 9.4%	18 25.4%	7 18.9%	6 11.5%	0 0.0%
1963	3 1.0%	1 0.6%	2 1.4%	1 0.7%	2 1.7%	0 0.0%	0 0.0%	0 0.0%	2 4.1%	1 2.4%	0 0.0%	0 0.0%	2 2.8%	0 0.0%	1 1.9%	0 0.0%
1964	3 1.0%	1 0.6%	2 1.4%	2 1.4%	0 0.0%	1 3.1%	0 0.0%	0 0.0%	2 4.1%	1 2.4%	0 0.0%	0 0.0%	1 1.4%	1 2.7%	1 1.9%	0 0.0%
1965	2 0.7%	1 0.6%	1 0.7%	1 0.7%	1 0.8%	0 0.0%	0 0.0%	1 0.7%	0 0.0%	1 2.4%	0 0.0%	0 0.0%	2 2.8%	0 0.0%	0 0.0%	0 0.0%
1966	5 1.7%	1 0.6%	4 2.9%	3 2.0%	2 1.7%	0 0.0%	0 0.0%	3 2.0%	1 2.0%	1 2.4%	0 0.0%	1 3.1%	1 1.4%	1 2.7%	2 3.8%	0 0.0%
1967	3 1.0%	2 1.2%	1 0.7%	2 1.4%	0 0.0%	1 3.1%	0 0.0%	1 0.7%	0 0.0%	1 2.4%	1 5.6%	0 0.0%	2 2.8%	1 2.7%	0 0.0%	0 0.0%
1968	4 1.3%	1 0.6%	3 2.2%	3 2.0%	1 0.8%	0 0.0%	1 2.4%	1 0.7%	0 0.0%	2 4.8%	0 0.0%	0 0.0%	2 2.8%	1 2.7%	1 1.9%	0 0.0%
1969	3 1.0%	2 1.2%	1 0.7%	2 1.4%	1 0.8%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	3 7.1%	0 0.0%	0 0.0%	2 2.8%	1 2.7%	0 0.0%	0 0.0%
1970	5 1.7%	4 2.5%	1 0.7%	2 1.4%	3 2.5%	0 0.0%	0 0.0%	1 0.7%	2 4.1%	2 4.8%	0 0.0%	1 3.1%	2 2.8%	2 5.4%	0 0.0%	0 0.0%

(continued)

BREC End-Use and Energy Efficiency Survey (December 2007)

Table 28: In what year were you born?

(continued)

All KN respondents

	Gender		Financial burden of the electric bill			Number of people in the home					Length of time served by co-op					
	Total	Male	Female	Not too much	Some	Quite a bit	1	2	3	4	5+	<5 yrs.	5-10	11-15	16-25	>25 yrs.
Unweighted Base	300	161	139	148	120	32	41	148	49	42	18	32	71	37	52	108
Base	300	161	139	148	120	32	41	148	49	42	18	32	71	37	52	108
1971	2 0.7%	2 1.2%	0 0.0%	1 0.7%	1 0.8%	0 0.0%	0 0.0%	0 0.0%	1 2.0%	0 0.0%	1 5.6%	1 3.1%	1 1.4%	0 0.0%	0 0.0%	0 0.0%
1972	4 1.3%	2 1.2%	2 1.4%	3 2.0%	1 0.8%	0 0.0%	0 0.0%	1 0.7%	0 0.0%	2 4.8%	1 5.6%	0 0.0%	3 4.2%	0 0.0%	1 1.9%	0 0.0%
25-34	14 4.7%	9 5.6%	5 3.6%	9 6.1%	5 4.2%	0 0.0%	1 2.4%	1 0.7%	4 8.2%	5 11.9%	3 16.7%	4 12.5%	9 12.7%	0 0.0%	1 1.9%	0 0.0%
1973	5 1.7%	2 1.2%	3 2.2%	3 2.0%	2 1.7%	0 0.0%	0 0.0%	1 0.7%	2 4.1%	0 0.0%	2 11.1%	1 3.1%	3 4.2%	0 0.0%	1 1.9%	0 0.0%
1974	2 0.7%	2 1.2%	0 0.0%	2 1.4%	0 0.0%	0 0.0%	1 2.4%	0 0.0%	0 0.0%	1 2.4%	0 0.0%	0 0.0%	2 2.8%	0 0.0%	0 0.0%	0 0.0%
1977	1 0.3%	1 0.6%	0 0.0%	1 0.7%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	1 5.6%	1 3.1%	0 0.0%	0 0.0%	0 0.0%	0 0.0%
1978	1 0.3%	1 0.6%	0 0.0%	1 0.7%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	1 2.4%	0 0.0%	0 0.0%	1 1.4%	0 0.0%	0 0.0%	0 0.0%
1979	2 0.7%	1 0.6%	1 0.7%	1 0.7%	1 0.8%	0 0.0%	0 0.0%	0 0.0%	1 2.0%	1 2.4%	0 0.0%	1 3.1%	1 1.4%	0 0.0%	0 0.0%	0 0.0%
1980	1 0.3%	1 0.6%	0 0.0%	0 0.0%	1 0.8%	0 0.0%	0 0.0%	0 0.0%	1 2.0%	0 0.0%	0 0.0%	1 3.1%	0 0.0%	0 0.0%	0 0.0%	0 0.0%

(continued)

BREC End-Use and Energy Efficiency Survey (December 2007)

Table 28: In what year were you born?

(continued)
All KN respondents

	Gender		Financial burden of the electric bill			Number of people in the home					Length of time served by co-op						
	Total	Male	Female	Not too much	Some	Quite a bit	1	2	3	4	5+	<5 yrs.	5-10	11-15	16-25	>25 yrs.	
Unweighted Base	300	161	139	148	120	32	41	148	49	42	18	32	71	37	52	108	
Base	300	161	139	148	120	32	41	148	49	42	18	32	71	37	52	108	
1981	2 0.7%	1 0.6%	1 0.7%	1 0.7%	1 0.8%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	2 4.8%	0 0.0%	0 0.0%	2 2.8%	0 0.0%	0 0.0%	0 0.0%	0 0.0%
18-24	5 1.7%	3 1.9%	2 1.4%	3 2.0%	2 1.7%	0 0.0%	0 0.0%	2 1.4%	2 4.1%	1 2.4%	0 0.0%	3 9.4%	1 1.4%	0 0.0%	1 1.9%	0 0.0%	0 0.0%
1983	1 0.3%	1 0.6%	0 0.0%	1 0.7%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	1 2.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	1 1.9%	0 0.0%	0 0.0%
1984	1 0.3%	0 0.0%	1 0.7%	1 0.7%	0 0.0%	0 0.0%	0 0.0%	1 0.7%	0 0.0%	0 0.0%	0 0.0%	1 3.1%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%
1986	2 0.7%	1 0.6%	1 0.7%	1 0.7%	1 0.8%	0 0.0%	0 0.0%	1 0.7%	1 2.0%	0 0.0%	0 0.0%	2 6.3%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%
1987	1 0.3%	1 0.6%	0 0.0%	0 0.0%	1 0.8%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	1 2.4%	0 0.0%	0 0.0%	1 1.4%	0 0.0%	0 0.0%	0 0.0%	0 0.0%
Refused	7 2.3%	4 2.5%	3 2.2%	2 1.4%	4 3.3%	1 3.1%	0 0.0%	3 2.0%	2 4.1%	0 0.0%	0 0.0%	0 0.0%	2 2.8%	0 0.0%	1 1.9%	4 3.7%	0 0.0%
Refused	7 2.3%	4 2.5%	3 2.2%	2 1.4%	4 3.3%	1 3.1%	0 0.0%	3 2.0%	2 4.1%	0 0.0%	0 0.0%	0 0.0%	2 2.8%	0 0.0%	1 1.9%	4 3.7%	0 0.0%
Chi Square		53.44 .799		109.02 .860			344.63 p<.001					308.07 p<.01					

(continued)

BREC End-Use and Energy Efficiency Survey (December 2007)

Table 28: In what year were you born?

All KN respondents

	Age					Type of home				Education					
	Total	18-34	35-44	45-54	55-64	65+	Single-story	Multi-story	Mobile	Other	<HS grad	HS grad	Some college	College grad	Post college
Unweighted Base	300	19	34	79	82	79	166	71	40	23	38	129	78	33	16
Base	300	19	34	79	82	79	166	71	40	23	38	129	78	33	16
65+	79	0	0	0	0	79	46	17	10	6	18	39	12	6	3
	26.3%	0.0%	0.0%	0.0%	0.0%	100.0%	27.7%	23.9%	25.0%	26.1%	47.4%	30.2%	15.4%	18.2%	18.8%
						+++					+++		--		
1913	1	0	0	0	0	1	1	0	0	0	0	1	0	0	0
	0.3%	0.0%	0.0%	0.0%	0.0%	1.3%	0.6%	0.0%	0.0%	0.0%	0.0%	0.8%	0.0%	0.0%	0.0%
						+									
1915	1	0	0	0	0	1	1	0	0	0	0	1	0	0	0
	0.3%	0.0%	0.0%	0.0%	0.0%	1.3%	0.6%	0.0%	0.0%	0.0%	0.0%	0.8%	0.0%	0.0%	0.0%
						+									
1921	1	0	0	0	0	1	1	0	0	0	0	1	0	0	0
	0.3%	0.0%	0.0%	0.0%	0.0%	1.3%	0.6%	0.0%	0.0%	0.0%	0.0%	0.8%	0.0%	0.0%	0.0%
						+									
1922	3	0	0	0	0	3	1	1	1	0	1	2	0	0	0
	1.0%	0.0%	0.0%	0.0%	0.0%	3.8%	0.6%	1.4%	2.5%	0.0%	2.6%	1.6%	0.0%	0.0%	0.0%
						+++									
1925	4	0	0	0	0	4	2	1	0	1	1	1	1	0	1
	1.3%	0.0%	0.0%	0.0%	0.0%	5.1%	1.2%	1.4%	0.0%	4.3%	2.6%	0.8%	1.3%	0.0%	6.3%
						+++									
1926	2	0	0	0	0	2	0	0	1	1	1	1	0	0	0
	0.7%	0.0%	0.0%	0.0%	0.0%	2.5%	0.0%	0.0%	2.5%	4.3%	2.6%	0.8%	0.0%	0.0%	0.0%
						++									
1927	4	0	0	0	0	4	2	2	0	0	2	1	0	1	0
	1.3%	0.0%	0.0%	0.0%	0.0%	5.1%	1.2%	2.8%	0.0%	0.0%	5.3%	0.8%	0.0%	3.0%	0.0%
						+++					++				
1928	3	0	0	0	0	3	2	1	0	0	1	2	0	0	0
	1.0%	0.0%	0.0%	0.0%	0.0%	3.8%	1.2%	1.4%	0.0%	0.0%	2.6%	1.6%	0.0%	0.0%	0.0%
						+++									
1929	3	0	0	0	0	3	3	0	0	0	3	0	0	0	0
	1.0%	0.0%	0.0%	0.0%	0.0%	3.8%	1.8%	0.0%	0.0%	0.0%	7.9%	0.0%	0.0%	0.0%	0.0%
						+++					+++				

(continued)

BREC End-Use and Energy Efficiency Survey (December 2007)

Table 28: In what year were you born?

(continued)
All KN respondents

	Age					Type of home				Education					
	Total	18-34	35-44	45-54	55-64	65+	Single-story	Multi-story	Mobile	Other	<HS grad	HS grad	Some college	College grad	Post college
Unweighted Base	300	19	34	79	82	79	166	71	40	23	38	129	78	33	16
Base	300	19	34	79	82	79	166	71	40	23	38	129	78	33	16
1930	4 1.3%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	4 5.1% +++	2 1.2%	0 0.0%	2 5.0%	0 0.0%	1 2.6%	2 1.6%	1 1.3%	0 0.0%	0 0.0%
1931	4 1.3%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	4 5.1% +++	3 1.8%	1 1.4%	0 0.0%	0 0.0%	1 2.6%	1 0.8%	1 1.3%	0 0.0%	1 6.3%
1932	4 1.3%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	4 5.1% +++	3 1.8%	0 0.0%	0 0.0%	1 4.3%	1 2.6%	2 1.6%	1 1.3%	0 0.0%	0 0.0%
1933	3 1.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	3 3.8% +++	2 1.2%	0 0.0%	1 2.5%	0 0.0%	1 2.6%	1 0.8%	0 0.0%	1 3.0%	0 0.0%
1934	7 2.3%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	7 8.9% +++	4 2.4%	2 2.8%	1 2.5%	0 0.0%	0 0.0%	3 2.3%	3 3.8%	0 0.0%	1 6.3%
1935	7 2.3%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	7 8.9% +++	1 0.6%	3 4.2%	2 5.0%	1 4.3%	1 2.6%	4 3.1%	1 1.3%	0 0.0%	0 0.0%
1936	3 1.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	3 3.8% +++	1 0.6%	1 1.4%	1 2.5%	0 0.0%	1 2.6%	1 0.8%	0 0.0%	1 3.0%	0 0.0%
1937	4 1.3%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	4 5.1% +++	2 1.2%	1 1.4%	0 0.0%	1 4.3%	1 2.6%	3 2.3%	0 0.0%	0 0.0%	0 0.0%
1938	3 1.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	3 3.8% +++	1 0.6%	2 2.8% +	0 0.0%	0 0.0%	1 2.6%	2 1.6%	0 0.0%	0 0.0%	0 0.0%

(continued)

BREC End-Use and Energy Efficiency Survey (December 2007)

Table 28: In what year were you born?

(continued)

All KN respondents

	Age						Type of home				Education				
	Total	18-34	35-44	45-54	55-64	65+	Single-story	Multi-story	Mobile	Other	<HS grad	HS grad	Some college	College grad	Post college
Unweighted Base	300	19	34	79	82	79	166	71	40	23	38	129	78	33	16
Base	300	19	34	79	82	79	166	71	40	23	38	129	78	33	16
1939	4 1.3%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	4 5.1% +++	3 1.8%	0 0.0%	1 2.5%	0 0.0%	0 0.0%	3 2.3%	0 0.0%	1 3.0%	0 0.0%
1940	6 2.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	6 7.6% +++	3 1.8%	2 2.8%	0 0.0%	1 4.3%	0 0.0%	5 3.9% ++	0 0.0%	1 3.0%	0 0.0%
1941	4 1.3%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	4 5.1% +++	4 2.4%	0 0.0%	0 0.0%	0 0.0%	1 2.6%	0 0.0%	2 2.6%	1 3.0%	0 0.0%
1942	4 1.3%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	4 5.1% +++	4 2.4% +	0 0.0%	0 0.0%	0 0.0%	0 0.0%	2 1.6%	2 2.6%	0 0.0%	0 0.0%
55-64	82 27.3%	0 0.0%	0 0.0%	0 0.0%	82 100.0% +++	0 0.0%	52 31.3% +	18 25.4%	7 17.5%	5 21.7%	11 28.9%	33 25.6%	23 29.5%	9 27.3%	6 37.5%
1943	4 1.3%	0 0.0%	0 0.0%	0 0.0%	4 4.9% +++	0 0.0%	2 1.2%	0 0.0%	0 0.0%	2 8.7%	1 2.6%	1 0.8%	1 1.3%	1 3.0%	0 0.0%
1944	13 4.3%	0 0.0%	0 0.0%	0 0.0%	13 15.9% +++	0 0.0%	8 4.8%	3 4.2%	2 5.0%	0 0.0%	2 5.3%	6 4.7%	5 6.4%	0 0.0%	0 0.0%
1945	4 1.3%	0 0.0%	0 0.0%	0 0.0%	4 4.9% +++	0 0.0%	3 1.8%	1 1.4%	0 0.0%	0 0.0%	0 0.0%	1 0.8%	1 1.3%	1 3.0%	1 6.3%
1946	12 4.0%	0 0.0%	0 0.0%	0 0.0%	12 14.6% +++	0 0.0%	8 4.8%	4 5.6%	0 0.0%	0 0.0%	3 7.9%	4 3.1%	3 3.8%	1 3.0%	1 6.3%

(continued)

BREC End-Use and Energy Efficiency Survey (December 2007)

Table 28: In what year were you born?

(continued)
All KN respondents

	Age						Type of home				Education				
	Total	18-34	35-44	45-54	55-64	65+	Single-story	Multi-story	Mobile	Other	<HS grad	HS grad	Some college	College grad	Post college
Unweighted Base	300	19	34	79	82	79	166	71	40	23	38	129	78	33	16
Base	300	19	34	79	82	79	166	71	40	23	38	129	78	33	16
1947	8 2.7%	0 0.0%	0 0.0%	0 0.0%	8 9.8% +++	0 0.0%	5 3.0%	1 1.4%	2 5.0%	0 0.0%	2 5.3%	4 3.1%	1 1.3%	0 0.0%	1 6.3%
1948	12 4.0%	0 0.0%	0 0.0%	0 0.0%	12 14.6% +++	0 0.0%	7 4.2%	2 2.8%	1 2.5%	2 8.7%	1 2.6%	6 4.7%	2 2.6%	2 6.1%	1 6.3%
1949	7 2.3%	0 0.0%	0 0.0%	0 0.0%	7 8.5% +++	0 0.0%	5 3.0%	2 2.8%	0 0.0%	0 0.0%	0 0.0%	2 1.6%	3 3.8%	1 3.0%	1 6.3%
1950	7 2.3%	0 0.0%	0 0.0%	0 0.0%	7 8.5% +++	0 0.0%	4 2.4%	2 2.8%	1 2.5%	0 0.0%	2 5.3%	2 1.6%	1 1.3%	2 6.1%	0 0.0%
1951	7 2.3%	0 0.0%	0 0.0%	0 0.0%	7 8.5% +++	0 0.0%	4 2.4%	2 2.8%	1 2.5%	0 0.0%	0 0.0%	4 3.1%	3 3.8%	0 0.0%	0 0.0%
1952	8 2.7%	0 0.0%	0 0.0%	0 0.0%	8 9.8% +++	0 0.0%	6 3.6%	1 1.4%	0 0.0%	1 4.3%	0 0.0%	3 2.3%	3 3.8%	1 3.0%	1 6.3%
45-54	79 26.3%	0 0.0%	0 0.0%	79 100.0%	0 0.0%	0 0.0%	39 23.5%	22 31.0%	13 32.5%	5 21.7%	8 21.1%	29 22.5%	28 35.9%	11 33.3%	3 18.8%
1953	9 3.0%	0 0.0%	0 0.0%	9 11.4% +++	0 0.0%	0 0.0%	4 2.4%	3 4.2%	2 5.0%	0 0.0%	2 5.3%	2 1.6%	4 5.1%	1 3.0%	0 0.0%
1954	12 4.0%	0 0.0%	0 0.0%	12 15.2% +++	0 0.0%	0 0.0%	5 3.0%	4 5.6%	3 7.5%	0 0.0%	1 2.6%	3 2.3%	4 5.1%	3 9.1%	1 6.3%

(continued)

BREC End-Use and Energy Efficiency Survey (December 2007)

Table 28: In what year were you born?

(continued)

All KN respondents

	Age						Type of home				Education				
	Total	18-34	35-44	45-54	55-64	65+	Single-story	Multi-story	Mobile	Other	<HS grad	HS grad	Some college	College grad	Post college
Unweighted Base	300	19	34	79	82	79	166	71	40	23	38	129	78	33	16
Base	300	19	34	79	82	79	166	71	40	23	38	129	78	33	16
1955	8 2.7%	0 0.0%	0 0.0%	8 10.1% +++	0 0.0%	0 0.0%	4 2.4%	2 2.8%	1 2.5%	1 4.3%	2 5.3%	3 2.3%	2 2.6%	1 3.0%	0 0.0%
1956	4 1.3%	0 0.0%	0 0.0%	4 5.1% +++	0 0.0%	0 0.0%	2 1.2%	1 1.4%	1 2.5%	0 0.0%	1 2.6%	0 0.0%	2 2.6%	1 3.0%	0 0.0%
1957	7 2.3%	0 0.0%	0 0.0%	7 8.9% +++	0 0.0%	0 0.0%	4 2.4%	1 1.4%	1 2.5%	1 4.3%	0 0.0%	5 3.9%	1 1.3%	1 3.0%	0 0.0%
1958	12 4.0%	0 0.0%	0 0.0%	12 15.2% +++	0 0.0%	0 0.0%	6 3.6%	3 4.2%	2 5.0%	1 4.3%	0 0.0%	6 4.7%	4 5.1%	1 3.0%	1 6.3%
1959	7 2.3%	0 0.0%	0 0.0%	7 8.9% +++	0 0.0%	0 0.0%	3 1.8%	4 5.6% ++	0 0.0%	0 0.0%	0 0.0%	3 2.3%	2 2.6%	1 3.0%	1 6.3%
1960	4 1.3%	0 0.0%	0 0.0%	4 5.1% +++	0 0.0%	0 0.0%	2 1.2%	0 0.0%	1 2.5%	1 4.3%	0 0.0%	2 1.6%	2 2.6%	0 0.0%	0 0.0%
1961	9 3.0%	0 0.0%	0 0.0%	9 11.4% +++	0 0.0%	0 0.0%	4 2.4%	2 2.8%	2 5.0%	1 4.3%	2 5.3%	4 3.1%	2 2.6%	1 3.0%	0 0.0%
1962	7 2.3%	0 0.0%	0 0.0%	7 8.9% +++	0 0.0%	0 0.0%	5 3.0%	2 2.8%	0 0.0%	0 0.0%	0 0.0%	1 0.8%	5 6.4% +++	1 3.0%	0 0.0%
35-44	34 11.3%	0 0.0%	34 100.0%	0 0.0%	0 0.0%	0 0.0%	15 9.0%	9 12.7%	6 15.0%	4 17.4%	1 2.6%	19 14.7%	7 9.0%	4 12.1%	3 18.8%

(continued)

BREC End-Use and Energy Efficiency Survey (December 2007)

Table 28: In what year were you born?

(continued)

All KN respondents

	Age						Type of home				Education				
	Total	18-34	35-44	45-54	55-64	65+	Single-story	Multi-story	Mobile	Other	<HS grad	HS grad	Some college	College grad	Post college
Unweighted Base	300	19	34	79	82	79	166	71	40	23	38	129	78	33	16
Base	300	19	34	79	82	79	166	71	40	23	38	129	78	33	16
1963	3 1.0%	0 0.0%	3 8.8% +++	0 0.0%	0 0.0%	0 0.0%	1 0.6%	0 0.0%	1 2.5%	1 4.3%	0 0.0%	3 2.3% ++	0 0.0%	0 0.0%	0 0.0%
1964	3 1.0%	0 0.0%	3 8.8% +++	0 0.0%	0 0.0%	0 0.0%	3 1.8%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	2 1.6%	0 0.0%	0 0.0%	1 6.3%
1965	2 0.7%	0 0.0%	2 5.9% +++	0 0.0%	0 0.0%	0 0.0%	1 0.6%	0 0.0%	1 2.5%	0 0.0%	0 0.0%	1 0.8%	1 1.3%	0 0.0%	0 0.0%
1966	5 1.7%	0 0.0%	5 14.7% +++	0 0.0%	0 0.0%	0 0.0%	1 0.6%	1 1.4%	2 5.0% +	1 4.3%	0 0.0%	1 0.8%	3 3.8% +	1 3.0%	0 0.0%
1967	3 1.0%	0 0.0%	3 8.8% +++	0 0.0%	0 0.0%	0 0.0%	0 0.0%	2 2.8% +	1 2.5%	0 0.0%	0 0.0%	2 1.6%	0 0.0%	0 0.0%	1 6.3%
1968	4 1.3%	0 0.0%	4 11.8% +++	0 0.0%	0 0.0%	0 0.0%	2 1.2%	2 2.8%	0 0.0%	0 0.0%	0 0.0%	3 2.3%	0 0.0%	0 0.0%	1 6.3%
1969	3 1.0%	0 0.0%	3 8.8% +++	0 0.0%	0 0.0%	0 0.0%	2 1.2%	0 0.0%	0 0.0%	1 4.3%	0 0.0%	1 0.8%	1 1.3%	1 3.0%	0 0.0%
1970	5 1.7%	0 0.0%	5 14.7% +++	0 0.0%	0 0.0%	0 0.0%	2 1.2%	2 2.8%	0 0.0%	1 4.3%	1 2.6%	2 1.6%	0 0.0%	2 6.1% ++	0 0.0%
1971	2 0.7%	0 0.0%	2 5.9% +++	0 0.0%	0 0.0%	0 0.0%	2 1.2%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	2 1.6%	0 0.0%	0 0.0%	0 0.0%

(continued)

BREC End-Use and Energy Efficiency Survey (December 2007)

Table 28: In what year were you born?

(continued)
All KN respondents

	Age						Type of home				Education				
	Total	18-34	35-44	45-54	55-64	65+	Single-story	Multi-story	Mobile	Other	<HS grad	HS grad	Some college	College grad	Post college
Unweighted Base	300	19	34	79	82	79	166	71	40	23	38	129	78	33	16
Base	300	19	34	79	82	79	166	71	40	23	38	129	78	33	16
1972	4 1.3%	0 0.0%	4 11.8% +++	0 0.0%	0 0.0%	0 0.0%	1 0.6%	2 2.8%	1 2.5%	0 0.0%	0 0.0%	2 1.6%	2 2.6%	0 0.0%	0 0.0%
<u>25-34</u>	14 4.7%	14 73.7%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	9 5.4%	2 2.8%	2 5.0%	1 4.3%	0 0.0%	5 3.9%	5 6.4%	3 9.1%	1 6.3%
1973	5 1.7%	5 26.3%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	4 2.4%	0 0.0%	1 2.5%	0 0.0%	0 0.0%	1 0.8%	3 3.8% +	0 0.0%	1 6.3%
1974	2 0.7%	2 10.5%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	2 1.2%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	2 1.6%	0 0.0%	0 0.0%	0 0.0%
1977	1 0.3%	1 5.3%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	1 2.5% ++	0 0.0%	0 0.0%	1 0.8%	0 0.0%	0 0.0%	0 0.0%
1978	1 0.3%	1 5.3%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	1 0.6%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	1 1.3% +	0 0.0%	0 0.0%
1979	2 0.7%	2 10.5%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	1 0.6%	1 1.4%	0 0.0%	0 0.0%	0 0.0%	1 0.8%	0 0.0%	1 3.0% +	0 0.0%
1980	1 0.3%	1 5.3%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	1 0.6%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	1 3.0% +++	0 0.0%
1981	2 0.7%	2 10.5%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	1 1.4%	0 0.0%	1 4.3%	0 0.0%	0 0.0%	1 1.3%	1 3.0% +	0 0.0%

(continued)

BREC End-Use and Energy Efficiency Survey (December 2007)

Table 28: In what year were you born?

(continued)
All KN respondents

	Age						Type of home				Education				
	Total	18-34	35-44	45-54	55-64	65+	Single-story	Multi-story	Mobile	Other	<HS grad	HS grad	Some college	College grad	Post college
Unweighted Base	300	19	34	79	82	79	166	71	40	23	38	129	78	33	16
Base	300	19	34	79	82	79	166	71	40	23	38	129	78	33	16
18-24	5 1.7%	5 26.3%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	3 1.8%	1 1.4%	0 0.0%	1 4.3%	0 0.0%	2 1.6%	3 3.8%	0 0.0%	0 0.0%
1983	1 0.3%	1 5.3%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	1 0.6%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	1 1.3%	0 0.0%	0 0.0%
1984	1 0.3%	1 5.3%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	1 1.4%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	1 1.3%	0 0.0%	0 0.0%
1986	2 0.7%	2 10.5%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	1 0.6%	0 0.0%	0 0.0%	1 4.3%	0 0.0%	1 0.8%	1 1.3%	0 0.0%	0 0.0%
1987	1 0.3%	1 5.3%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	1 0.6%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	1 0.8%	0 0.0%	0 0.0%	0 0.0%
Refused	7 2.3%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	2 1.2%	2 2.8%	2 5.0%	1 4.3%	0 0.0%	2 1.6%	0 0.0%	0 0.0%	0 0.0%
Refused	7 2.3%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	2 1.2%	2 2.8%	2 5.0%	1 4.3%	0 0.0%	2 1.6%	0 0.0%	0 0.0%	0 0.0%
Chi Square				1000+ p<.001				160.89 .932					217.43 .944		

(continued)

BREC End-Use and Energy Efficiency Survey (December 2007)

Table 28: In what year were you born?

All KN respondents

	Income					Overall Satisfaction		Age of home						Primary heating source				
	Total	< \$15K	\$15K-\$25K	\$25K-\$40K	\$40-\$75K	> \$75K	Less than satis.	Satis.	<5 yrs	5-10	11-20	21-30	31-50	50+ yrs	Elec. furn.	HP/ geoth.	NG furn.	Prop. furn.
							77	223										
Unweighted Base	300	25	21	53	75	62	77	223	19	46	66	62	62	45	69	48	94	49
Base	300	25	21	53	75	62	77	223	19	46	66	62	62	45	69	48	94	49
65+	79	11	13	18	12	5	12	67	4	10	13	17	18	17	13	13	25	20
	26.3%	44.0%	61.9%	34.0%	16.0%	8.1%	15.6%	30.0%	21.1%	21.7%	19.7%	27.4%	29.0%	37.8%	18.8%	27.1%	26.6%	40.8%
								++						+				++
1913	1	0	0	1	0	0	0	1	0	0	0	0	0	1	0	0	1	0
	0.3%	0.0%	0.0%	1.9%	0.0%	0.0%	0.0%	0.4%	0.0%	0.0%	0.0%	0.0%	0.0%	2.2%	0.0%	0.0%	1.1%	0.0%
				++										++				
1915	1	0	0	1	0	0	0	1	0	0	0	0	0	1	0	0	0	1
	0.3%	0.0%	0.0%	1.9%	0.0%	0.0%	0.0%	0.4%	0.0%	0.0%	0.0%	0.0%	0.0%	2.2%	0.0%	0.0%	0.0%	2.0%
				++										++				++
1921	1	0	0	0	0	0	0	1	0	0	0	0	0	1	0	0	0	1
	0.3%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.4%	0.0%	0.0%	0.0%	0.0%	0.0%	2.2%	0.0%	0.0%	0.0%	2.0%
				++										++				++
1922	3	0	1	2	0	0	0	3	0	1	0	1	0	1	1	0	0	1
	1.0%	0.0%	4.8%	3.8%	0.0%	0.0%	0.0%	1.3%	0.0%	2.2%	0.0%	1.6%	0.0%	2.2%	1.4%	0.0%	0.0%	2.0%
				++														
1925	4	1	0	2	1	0	0	4	0	0	0	2	0	2	0	1	1	2
	1.3%	4.0%	0.0%	3.8%	1.3%	0.0%	0.0%	1.8%	0.0%	0.0%	0.0%	3.2%	0.0%	4.4%	0.0%	2.1%	1.1%	4.1%
				+										++				+
1926	2	0	1	0	0	0	0	2	0	0	0	1	1	0	0	0	1	1
	0.7%	0.0%	4.8%	0.0%	0.0%	0.0%	0.0%	0.9%	0.0%	0.0%	0.0%	1.6%	1.6%	0.0%	0.0%	0.0%	1.1%	2.0%
1927	4	0	0	1	1	0	0	4	0	2	0	0	0	2	0	0	4	0
	1.3%	0.0%	0.0%	1.9%	1.3%	0.0%	0.0%	1.8%	0.0%	4.3%	0.0%	0.0%	0.0%	4.4%	0.0%	0.0%	4.3%	0.0%
				+						+				++			+++	
1928	3	0	0	0	2	1	0	3	0	0	0	0	1	2	0	1	0	2
	1.0%	0.0%	0.0%	0.0%	2.7%	1.6%	0.0%	1.3%	0.0%	0.0%	0.0%	0.0%	1.6%	4.4%	0.0%	2.1%	0.0%	4.1%
					+									++				++

(continued)

BREC End-Use and Energy Efficiency Survey (December 2007)

Table 28: In what year were you born?

(continued)
All KN respondents

	Income						Overall Satisfaction		Age of home						Primary heating source			
	Total	< \$15K	\$15K- \$25K	\$25K- \$40K	\$40- \$75K	> \$75K	Less than satis.	Satis.	<5 yrs	5-10	11-20	21-30	31-50	50+ yrs	Elec. furn.	HP/ geoth.	NG furn.	Prop. furn.
							77	223										
Unweighted Base	300	25	21	53	75	62	77	223	19	46	66	62	62	45	69	48	94	49
Base	300	25	21	53	75	62	77	223	19	46	66	62	62	45	69	48	94	49
1929	3 1.0%	0 0.0%	1 4.8%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	3 1.3%	0 0.0%	0 0.0%	0 0.0%	2 3.2% ++	1 1.6%	0 0.0%	0 0.0%	0 0.0%	2 2.1%	1 2.0%
1930	4 1.3%	0 0.0%	2 9.5%	2 3.8% +	0 0.0%	0 0.0%	1 1.3%	3 1.3%	0 0.0%	0 0.0%	2 3.0%	0 0.0%	0 0.0%	2 4.4% ++	3 4.3% ++	0 0.0%	0 0.0%	1 2.0%
1931	4 1.3%	1 4.0%	0 0.0%	2 3.8% +	0 0.0%	1 1.6%	1 1.3%	3 1.3%	0 0.0%	0 0.0%	1 1.5%	0 0.0%	2 3.2%	1 2.2%	0 0.0%	1 2.1%	2 2.1%	0 0.0%
1932	4 1.3%	1 4.0%	2 9.5%	0 0.0% +	0 0.0%	0 0.0%	1 1.3%	3 1.3%	0 0.0%	2 4.3% +	0 0.0%	1 1.6%	0 0.0%	1 2.2%	0 0.0%	1 2.1%	1 1.1%	1 2.0%
1933	3 1.0%	0 0.0%	2 9.5%	1 1.9%	0 0.0%	0 0.0%	1 1.3%	2 0.9%	0 0.0%	0 0.0%	0 0.0%	1 1.6%	2 3.2% ++	0 0.0%	0 0.0%	0 0.0%	2 2.1%	1 2.0%
1934	7 2.3%	1 4.0%	0 0.0%	1 1.9%	2 2.7%	0 0.0%	1 1.3%	6 2.7%	0 0.0%	1 2.2%	2 3.0%	0 0.0%	4 6.5% ++	0 0.0%	2 2.9%	1 2.1%	2 2.1%	1 2.0%
1935	7 2.3%	4 16.0%	1 4.8%	0 0.0%	0 0.0%	0 0.0%	1 1.3%	6 2.7%	1 5.3%	0 0.0%	1 1.5%	3 4.8%	2 3.2%	0 0.0%	4 5.8% ++	1 2.1%	0 0.0%	0 0.0%
1936	3 1.0%	0 0.0%	0 0.0%	1 1.9%	1 1.3%	1 1.6%	1 1.3%	2 0.9%	0 0.0%	0 0.0%	1 1.5%	1 1.6%	0 0.0%	1 2.2%	2 2.9% +	1 2.1%	0 0.0%	0 0.0%
1937	4 1.3%	1 4.0%	1 4.8%	0 0.0%	0 0.0%	0 0.0%	2 2.6%	2 0.9%	1 5.3%	0 0.0%	2 3.0%	0 0.0%	1 1.6%	0 0.0%	0 0.0%	1 2.1%	2 2.1%	1 2.0%

(continued)

BREC End-Use and Energy Efficiency Survey (December 2007)

Table 28: In what year were you born?

(continued)
All KN respondents

	Income					Overall Satisfaction		Age of home						Primary heating source				
	Total	< \$15K	\$15K-\$25K	\$25K-\$40K	\$40-\$75K	> \$75K	Less than satis.	Satis.	<5 yrs	5-10	11-20	21-30	31-50	50+ yrs	Elec. furn.	HP/ geoth.	NG furn.	Prop. furn.
Unweighted Base	300	25	21	53	75	62	77	223	19	46	66	62	62	45	69	48	94	49
Base	300	25	21	53	75	62	77	223	19	46	66	62	62	45	69	48	94	49
1938	3	0	0	2	1	0	0	3	0	0	0	1	1	1	0	0	1	1
	1.0%	0.0%	0.0%	3.8%	1.3%	0.0%	0.0%	1.3%	0.0%	0.0%	0.0%	1.6%	1.6%	2.2%	0.0%	0.0%	1.1%	2.0%
				++														
1939	4	0	0	0	1	0	0	4	0	2	0	2	0	0	1	0	1	1
	1.3%	0.0%	0.0%	0.0%	1.3%	0.0%	0.0%	1.8%	0.0%	4.3%	0.0%	3.2%	0.0%	0.0%	1.4%	0.0%	1.1%	2.0%
										+								
1940	6	1	1	1	1	0	1	5	1	0	1	1	2	1	0	2	2	2
	2.0%	4.0%	4.8%	1.9%	1.3%	0.0%	1.3%	2.2%	5.3%	0.0%	1.5%	1.6%	3.2%	2.2%	0.0%	4.2%	2.1%	4.1%
1941	4	0	1	0	1	2	1	3	1	0	1	1	1	0	0	3	0	1
	1.3%	0.0%	4.8%	0.0%	1.3%	3.2%	1.3%	1.3%	5.3%	0.0%	1.5%	1.6%	1.6%	0.0%	0.0%	6.3%	0.0%	2.0%
																+++		
1942	4	1	0	1	1	0	1	3	0	2	2	0	0	0	0	0	3	1
	1.3%	4.0%	0.0%	1.9%	1.3%	0.0%	1.3%	1.3%	0.0%	4.3%	3.0%	0.0%	0.0%	0.0%	0.0%	0.0%	3.2%	2.0%
										+							+	
<u>55-64</u>	82	9	5	14	12	20	23	59	5	11	13	19	25	9	10	17	27	15
	27.3%	36.0%	23.8%	26.4%	16.0%	32.3%	29.9%	26.5%	26.3%	23.9%	19.7%	30.6%	40.3%	20.0%	14.5%	35.4%	28.7%	30.6%
					-								++		---			
1943	4	0	0	2	1	0	3	1	0	2	0	0	1	1	1	1	0	2
	1.3%	0.0%	0.0%	3.8%	1.3%	0.0%	3.9%	0.4%	0.0%	4.3%	0.0%	0.0%	1.6%	2.2%	1.4%	2.1%	0.0%	4.1%
				+			++	--		+								+
1944	13	1	2	0	1	2	1	12	2	2	1	2	4	2	1	4	4	2
	4.3%	4.0%	9.5%	0.0%	1.3%	3.2%	1.3%	5.4%	10.5%	4.3%	1.5%	3.2%	6.5%	4.4%	1.4%	8.3%	4.3%	4.1%

(continued)

BREC End-Use and Energy Efficiency Survey (December 2007)

Table 28: In what year were you born?

(continued)
All KN respondents

	Income					Overall Satisfaction		Age of home						Primary heating source				
	Total	< \$15K	\$15K- \$25K	\$25K- \$40K	\$40- \$75K	> \$75K	Less than satis.	Satis.	<5 yrs	5-10	11-20	21-30	31-50	50+ yrs	Elec. furn.	HP/ geoth.	NG furn.	Prop. furn.
Unweighted Base	300	25	21	53	75	62	77	223	19	46	66	62	62	45	69	48	94	49
Base	300	25	21	53	75	62	77	223	19	46	66	62	62	45	69	48	94	49
1945	4 1.3%	0 0.0%	0 0.0%	1 1.9%	2 2.7%	1 1.6%	1 1.3%	3 1.3%	0 0.0%	1 2.2%	1 1.5%	0 0.0%	2 3.2%	0 0.0%	0 0.0%	0 0.0%	3 3.2%	0 0.0%
1946	12 4.0%	3 12.0%	0 0.0%	2 3.8%	2 2.7%	4 6.5%	2 2.6%	10 4.5%	0 0.0%	1 2.2%	2 3.0%	2 3.2%	5 8.1%	2 4.4%	1 1.4%	1 2.1%	5 5.3%	2 4.1%
1947	8 2.7%	4 16.0%	0 0.0%	2 3.8%	0 0.0%	2 3.2%	3 3.9%	5 2.2%	0 0.0%	1 2.2%	2 3.0%	2 3.2%	2 3.2%	1 2.2%	4 5.8%	3 6.3%	1 1.1%	0 0.0%
1948	12 4.0%	1 4.0%	0 0.0%	4 7.5%	1 1.3%	2 3.2%	6 7.8%	6 2.7%	0 0.0%	3 6.5%	2 3.0%	3 4.8%	3 4.8%	1 2.2%	0 0.0%	5 10.4%	0 0.0%	5 10.2%
1949	7 2.3%	0 0.0%	0 0.0%	2 3.8%	0 0.0%	2 3.2%	1 1.3%	6 2.7%	1 5.3%	0 0.0%	1 1.5%	3 4.8%	2 3.2%	0 0.0%	1 1.4%	1 2.1%	4 4.3%	0 0.0%
1950	7 2.3%	0 0.0%	3 14.3%	0 0.0%	0 0.0%	3 4.8%	3 3.9%	4 1.8%	1 5.3%	1 2.2%	1 1.5%	3 4.8%	1 1.6%	0 0.0%	0 0.0%	1 2.1%	4 4.3%	1 2.0%
1951	7 2.3%	0 0.0%	0 0.0%	1 1.9%	2 2.7%	2 3.2%	1 1.3%	6 2.7%	0 0.0%	0 0.0%	1 1.5%	3 4.8%	1 1.6%	2 4.4%	1 1.4%	0 0.0%	3 3.2%	2 4.1%
1952	8 2.7%	0 0.0%	0 0.0%	0 0.0%	3 4.0%	2 3.2%	2 2.6%	6 2.7%	1 5.3%	0 0.0%	2 3.0%	1 1.6%	4 6.5%	0 0.0%	1 1.4%	1 2.1%	3 3.2%	1 2.0%

(continued)

BREC End-Use and Energy Efficiency Survey (December 2007)

Table 28: In what year were you born?

(continued)
All KN respondents

	Income					Overall Satisfaction		Age of home						Primary heating source				
	Total	< \$15K	\$15K-\$25K	\$25K-\$40K	\$40-\$75K	> \$75K	Less than satis.	Satis.	<5 yrs	5-10	11-20	21-30	31-50	50+ yrs	Elec. furn.	HP/ geoth.	NG furn.	Prop. furn.
Unweighted Base	300	25	21	53	75	62	77	223	19	46	66	62	62	45	69	48	94	49
Base	300	25	21	53	75	62	77	223	19	46	66	62	62	45	69	48	94	49
45-54	79	2	2	10	30	24	18	61	6	14	21	17	13	8	27	10	19	9
	26.3%	8.0%	9.5%	18.9%	40.0%	38.7%	23.4%	27.4%	31.6%	30.4%	31.8%	27.4%	21.0%	17.8%	39.1%	20.8%	20.2%	18.4%
				+++	++										+++			
1953	9	0	1	3	1	3	1	8	0	3	0	2	3	1	2	1	2	2
	3.0%	0.0%	4.8%	5.7%	1.3%	4.8%	1.3%	3.6%	0.0%	6.5%	0.0%	3.2%	4.8%	2.2%	2.9%	2.1%	2.1%	4.1%
1954	12	1	0	1	4	2	3	9	1	2	2	4	0	3	3	0	3	3
	4.0%	4.0%	0.0%	1.9%	5.3%	3.2%	3.9%	4.0%	5.3%	4.3%	3.0%	6.5%	0.0%	6.7%	4.3%	0.0%	3.2%	6.1%
1955	8	0	0	0	3	2	4	4	1	1	4	2	0	0	3	1	1	2
	2.7%	0.0%	0.0%	0.0%	4.0%	3.2%	5.2%	1.8%	5.3%	2.2%	6.1%	3.2%	0.0%	0.0%	4.3%	2.1%	1.1%	4.1%
1956	4	0	0	0	2	2	1	3	0	0	+	2	2	0	1	1	1	0
	1.3%	0.0%	0.0%	0.0%	2.7%	3.2%	1.3%	1.3%	0.0%	0.0%	0.0%	3.2%	3.2%	0.0%	1.4%	2.1%	1.1%	0.0%
1957	7	0	0	1	3	3	1	6	0	3	3	1	0	0	2	1	2	1
	2.3%	0.0%	0.0%	1.9%	4.0%	4.8%	1.3%	2.7%	0.0%	6.5%	4.5%	1.6%	0.0%	0.0%	2.9%	2.1%	2.1%	2.0%
1958	12	1	0	1	5	4	3	9	2	1	3	1	4	1	5	3	2	0
	4.0%	4.0%	0.0%	1.9%	6.7%	6.5%	3.9%	4.0%	10.5%	2.2%	4.5%	1.6%	6.5%	2.2%	7.2%	6.3%	2.1%	0.0%
1959	7	0	0	1	4	1	1	6	0	0	2	1	2	2	2	0	4	1
	2.3%	0.0%	0.0%	1.9%	5.3%	1.6%	1.3%	2.7%	0.0%	0.0%	3.0%	1.6%	3.2%	4.4%	2.9%	0.0%	4.3%	2.0%
				++														

(continued)

BREC End-Use and Energy Efficiency Survey (December 2007)

Table 28: In what year were you born?

(continued)
All KN respondents

	Income					Overall Satisfaction		Age of home						Primary heating source					
	Total	< \$15K	\$15K-\$25K	\$25K-\$40K	\$40-\$75K	> \$75K	Less than satis.	Satis.	<5 yrs	5-10	11-20	21-30	31-50	50+ yrs	Elec. furn.	HP/ geoth.	NG furn.	Prop. furn.	
Unweighted Base	300	25	21	53	75	62	77	223	19	46	66	62	62	45	69	48	94	49	
Base	300	25	21	53	75	62	77	223	19	46	66	62	62	45	69	48	94	49	
1960	4 1.3%	0 0.0%	0 0.0%	0 0.0%	3 4.0%	1 1.6%	2 2.6%	2 0.9%	1 5.3%	0 0.0%	2 3.0%	0 0.0%	1 1.6%	0 0.0%	2 2.9%	1 2.1%	1 1.1%	0 0.0%	
1961	9 3.0%	0 0.0%	1 4.8%	3 5.7%	1 1.3%	3 4.8%	1 1.3%	8 3.6%	0 0.0%	3 6.5%	2 3.0%	3 4.8%	0 0.0%	1 2.2%	3 4.3%	0 0.0%	2 2.1%	0 0.0%	
1962	7 2.3%	0 0.0%	0 0.0%	0 0.0%	4 5.3%	3 4.8%	1 1.3%	6 2.7%	1 5.3%	1 2.2%	3 4.5%	1 1.6%	1 1.6%	0 0.0%	4 5.8%	2 4.2%	1 1.1%	0 0.0%	
35-44	34 11.3%	1 4.0%	0 0.0%	9 17.0%	10 13.3%	10 16.1%	13 16.9%	21 9.4%	3 15.8%	9 19.6%	10 15.2%	5 8.1%	2 3.2%	5 11.1%	10 14.5%	4 8.3%	15 16.0%	2 4.1%	
1963	3 1.0%	0 0.0%	0 0.0%	2 3.8%	0 0.0%	1 1.6%	2 2.6%	1 0.4%	0 0.0%	0 0.0%	2 3.0%	0 0.0%	1 1.6%	0 0.0%	1 1.4%	0 0.0%	1 1.1%	1 2.0%	
1964	3 1.0%	0 0.0%	0 0.0%	0 0.0%	1 1.3%	2 3.2%	2 2.6%	1 0.4%	0 0.0%	1 2.2%	1 1.5%	1 1.6%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	3 3.2%	0 0.0%
1965	2 0.7%	0 0.0%	0 0.0%	0 0.0%	1 1.3%	0 0.0%	1 1.3%	1 0.4%	1 5.3%	0 0.0%	0 0.0%	1 1.6%	0 0.0%	0 0.0%	1 1.4%	0 0.0%	1 1.1%	0 0.0%	
1966	5 1.7%	0 0.0%	0 0.0%	2 3.8%	2 2.7%	0 0.0%	1 1.3%	4 1.8%	0 0.0%	1 2.2%	3 4.5%	0 0.0%	1 1.6%	0 0.0%	2 2.9%	0 0.0%	3 3.2%	0 0.0%	

(continued)

BREC End-Use and Energy Efficiency Survey (December 2007)

Table 28: In what year were you born?

(continued)
All KN respondents

	Income					Overall Satisfaction		Age of home						Primary heating source				
	Total	< \$15K	\$15K-\$25K	\$25K-\$40K	\$40-\$75K	> \$75K	Less than satis.	Satis.	<5 yrs	5-10	11-20	21-30	31-50	50+ yrs	Elec. furn.	HP/ geoth.	NG furn.	Prop. furn.
Unweighted Base	300	25	21	53	75	62	77	223	19	46	66	62	62	45	69	48	94	49
Base	300	25	21	53	75	62	77	223	19	46	66	62	62	45	69	48	94	49
1967	3	1	0	0	1	1	1	2	0	2	0	1	0	0	2	0	1	0
	1.0%	4.0%	0.0%	0.0%	1.3%	1.6%	1.3%	0.9%	0.0%	4.3%	0.0%	1.6%	0.0%	0.0%	2.9%	0.0%	1.1%	0.0%
										++					+			
1968	4	0	0	1	0	2	1	3	0	1	0	1	0	2	0	1	2	0
	1.3%	0.0%	0.0%	1.9%	0.0%	3.2%	1.3%	1.3%	0.0%	2.2%	0.0%	1.6%	0.0%	4.4%	0.0%	2.1%	2.1%	0.0%
										++								
1969	3	0	0	1	1	1	1	2	1	1	1	0	0	0	1	2	0	0
	1.0%	0.0%	0.0%	1.9%	1.3%	1.6%	1.3%	0.9%	5.3%	2.2%	1.5%	0.0%	0.0%	0.0%	1.4%	4.2%	0.0%	0.0%
																++		
1970	5	0	0	2	1	1	4	1	1	1	2	0	0	1	1	0	2	1
	1.7%	0.0%	0.0%	3.8%	1.3%	1.6%	5.2%	0.4%	5.3%	2.2%	3.0%	0.0%	0.0%	2.2%	1.4%	0.0%	2.1%	2.0%
							+++	---										
1971	2	0	0	0	2	0	0	2	0	0	0	1	0	1	0	0	1	0
	0.7%	0.0%	0.0%	0.0%	2.7%	0.0%	0.0%	0.9%	0.0%	0.0%	0.0%	1.6%	0.0%	2.2%	0.0%	0.0%	1.1%	0.0%
					++													
1972	4	0	0	1	1	2	0	4	0	2	1	0	0	1	2	1	1	0
	1.3%	0.0%	0.0%	1.9%	1.3%	3.2%	0.0%	1.8%	0.0%	4.3%	1.5%	0.0%	0.0%	2.2%	2.9%	2.1%	1.1%	0.0%
										+								
25-34	14	1	0	2	9	2	7	7	1	2	4	0	3	4	5	2	4	1
	4.7%	4.0%	0.0%	3.8%	12.0%	3.2%	9.1%	3.1%	5.3%	4.3%	6.1%	0.0%	4.8%	8.9%	7.2%	4.2%	4.3%	2.0%
					+++		++	-										
1973	5	1	0	0	2	2	3	2	1	0	1	0	2	1	1	0	2	1
	1.7%	4.0%	0.0%	0.0%	2.7%	3.2%	3.9%	0.9%	5.3%	0.0%	1.5%	0.0%	3.2%	2.2%	1.4%	0.0%	2.1%	2.0%
							+	-										

(continued)

BREC End-Use and Energy Efficiency Survey (December 2007)

Table 28: In what year were you born?

(continued)
All KN respondents

	Income					Overall Satisfaction		Age of home						Primary heating source				
	Total	< \$15K	\$15K- \$25K	\$25K- \$40K	\$40- \$75K	> \$75K	Less than satis.	Satis.	<5 yrs	5-10	11-20	21-30	31-50	50+ yrs	Elec. furn.	HP/ geoth.	NG furn.	Prop. furn.
Unweighted Base	300	25	21	53	75	62	77	223	19	46	66	62	62	45	69	48	94	49
Base	300	25	21	53	75	62	77	223	19	46	66	62	62	45	69	48	94	49
1974	2 0.7%	0 0.0%	0 0.0%	0 0.0%	2 2.7%	0 0.0%	1 1.3%	1 0.4%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	1 1.6%	1 2.2%	0 0.0%	0 0.0%	1 1.1%	0 0.0%
1977	1 0.3%	0 0.0%	0 0.0%	0 0.0%	1 1.3%	0 0.0%	1 1.3%	0 0.0%	0 0.0%	0 0.0%	1 1.5%	0 0.0%	0 0.0%	0 0.0%	1 1.4%	0 0.0%	0 0.0%	0 0.0%
1978	1 0.3%	0 0.0%	0 0.0%	1 1.9%	0 0.0%	0 0.0%	0 0.0%	1 0.4%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	1 2.2%	0 0.0%	1 2.1%	0 0.0%	0 0.0%
1979	2 0.7%	0 0.0%	0 0.0%	0 0.0%	2 2.7%	0 0.0%	1 1.3%	1 0.4%	0 0.0%	2 4.3%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	1 1.4%	1 2.1%	0 0.0%	0 0.0%
1980	1 0.3%	0 0.0%	0 0.0%	0 0.0%	1 1.3%	0 0.0%	0 0.0%	1 0.4%	0 0.0%	0 0.0%	1 1.5%	0 0.0%	0 0.0%	0 0.0%	1 1.4%	0 0.0%	0 0.0%	0 0.0%
1981	2 0.7%	0 0.0%	0 0.0%	1 1.9%	1 1.3%	0 0.0%	1 1.3%	1 0.4%	0 0.0%	0 0.0%	1 1.5%	0 0.0%	0 0.0%	1 2.2%	1 1.4%	0 0.0%	1 1.1%	0 0.0%
18-24	5 1.7%	1 4.0%	1 4.8%	0 0.0%	2 2.7%	1 1.6%	2 2.6%	3 1.3%	0 0.0%	0 0.0%	3 4.5%	2 3.2%	0 0.0%	0 0.0%	2 2.9%	1 2.1%	1 1.1%	1 2.0%
1983	1 0.3%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	1 1.6%	1 1.3%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	1 1.6%	0 0.0%	0 0.0%	0 0.0%	1 2.1%	0 0.0%	0 0.0%
1984	1 0.3%	0 0.0%	0 0.0%	0 0.0%	1 1.3%	0 0.0%	0 0.0%	1 0.4%	0 0.0%	0 0.0%	0 0.0%	1 1.6%	0 0.0%	0 0.0%	1 1.4%	0 0.0%	0 0.0%	0 0.0%

(continued)

BREC End-Use and Energy Efficiency Survey (December 2007)

Table 28: In what year were you born?

(continued)
All KN respondents

	Income					Overall Satisfaction		Age of home						Primary heating source				
	Total	< \$15K	\$15K-\$25K	\$25K-\$40K	\$40-\$75K	> \$75K	Less than satis.	Satis.	<5 yrs	5-10	11-20	21-30	31-50	50+ yrs	Elec. furn.	HP/ geoth.	NG furn.	Prop. furn.
Unweighted Base	300	25	21	53	75	62	77	223	19	46	66	62	62	45	69	48	94	49
Base	300	25	21	53	75	62	77	223	19	46	66	62	62	45	69	48	94	49
1986	2 0.7%	0 0.0%	1 4.8%	0 0.0%	1 1.3%	0 0.0%	0 0.0%	2 0.9%	0 0.0%	0 0.0%	2 3.0%	0 0.0%	0 0.0%	0 0.0%	1 1.4%	0 0.0%	1 1.1%	0 0.0%
1987	1 0.3%	1 4.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	1 1.3%	0 0.0%	0 0.0%	0 0.0%	1 1.5%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	1 2.0%
Refused	7 2.3%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	2 2.6%	5 2.2%	0 0.0%	0 0.0%	2 3.0%	2 3.2%	1 1.6%	2 4.4%	2 2.9%	1 2.1%	3 3.2%	1 2.0%
Refused	7 2.3%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	2 2.6%	5 2.2%	0 0.0%	0 0.0%	2 3.0%	2 3.2%	1 1.6%	2 4.4%	2 2.9%	1 2.1%	3 3.2%	1 2.0%
Chi Square				302.66 p<.05			65.35 .395				317.04 n.s.					205.17 .200		

BREC End-Use and Energy Efficiency Survey (December 2007)

Table 29: How many people live in your household most of the year?

All KN respondents

	Gender		Financial burden of the electric bill			Number of people in the home					Length of time served by co-op					
	Total	Male	Female	Not too much	Some	Quite a bit	1	2	3	4	5+	<5 yrs.	5-10	11-15	16-25	>25 yrs.
Unweighted Base	300	161	139	148	120	32	41	148	49	42	18	32	71	37	52	108
Base	300	161	139	148	120	32	41	148	49	42	18	32	71	37	52	108
<u>1</u>	41	15	26	19	14	8	41	0	0	0	0	3	8	3	9	18
	13.7%	9.3%	18.7%	12.8%	11.7%	25.0%	100.0%	0.0%	0.0%	0.0%	0.0%	9.4%	11.3%	8.1%	17.3%	16.7%
		--	++			++	+++									
1	41	15	26	19	14	8	41	0	0	0	0	3	8	3	9	18
	13.7%	9.3%	18.7%	12.8%	11.7%	25.0%	100.0%	0.0%	0.0%	0.0%	0.0%	9.4%	11.3%	8.1%	17.3%	16.7%
		--	++			++	+++									
<u>2</u>	148	91	57	77	57	14	0	148	0	0	0	15	28	15	26	64
	49.3%	56.5%	41.0%	52.0%	47.5%	43.8%	0.0%	100.0%	0.0%	0.0%	0.0%	46.9%	39.4%	40.5%	50.0%	59.3%
		+++	--					+++					-			++
2	148	91	57	77	57	14	0	148	0	0	0	15	28	15	26	64
	49.3%	56.5%	41.0%	52.0%	47.5%	43.8%	0.0%	100.0%	0.0%	0.0%	0.0%	46.9%	39.4%	40.5%	50.0%	59.3%
		+++	--					+++					-			++
<u>3-5</u>	105	52	53	50	45	10	0	0	49	42	14	12	34	19	17	23
	35.0%	32.3%	38.1%	33.8%	37.5%	31.3%	0.0%	0.0%	100.0%	100.0%	77.8%	37.5%	47.9%	51.4%	32.7%	21.3%
									+++	+++			+++	++		--
3	49	26	23	20	27	2	0	0	49	0	0	7	12	5	9	16
	16.3%	16.1%	16.5%	13.5%	22.5%	6.3%	0.0%	0.0%	100.0%	0.0%	0.0%	21.9%	16.9%	13.5%	17.3%	14.8%
					++				+++							
4	42	19	23	24	14	4	0	0	0	42	0	3	16	12	6	5
	14.0%	11.8%	16.5%	16.2%	11.7%	12.5%	0.0%	0.0%	0.0%	100.0%	0.0%	9.4%	22.5%	32.4%	11.5%	4.6%
										+++			++	+++		--
5	14	7	7	6	4	4	0	0	0	0	14	2	6	2	2	2
	4.7%	4.3%	5.0%	4.1%	3.3%	12.5%	0.0%	0.0%	0.0%	0.0%	77.8%	6.3%	8.5%	5.4%	3.8%	1.9%
						++							+			-

(continued)

BREC End-Use and Energy Efficiency Survey (December 2007)

Table 29: How many people live in your household most of the year?

(continued)
All KN respondents

	Gender		Financial burden of the electric bill			Number of people in the home					Length of time served by co-op					
	Total	Male	Female	Not too much	Some	Quite a bit	1	2	3	4	5+	<5 yrs.	5-10	11-15	16-25	>25 yrs.
Unweighted Base	300	161	139	148	120	32	41	148	49	42	18	32	71	37	52	108
Base	300	161	139	148	120	32	41	148	49	42	18	32	71	37	52	108
6-10	4	2	2	2	2	0	0	0	0	0	4	2	0	0	0	2
	1.3%	1.2%	1.4%	1.4%	1.7%	0.0%	0.0%	0.0%	0.0%	0.0%	22.2%	6.3%	0.0%	0.0%	0.0%	1.9%
												++				
6	3	1	2	1	2	0	0	0	0	0	3	1	0	0	0	2
	1.0%	0.6%	1.4%	0.7%	1.7%	0.0%	0.0%	0.0%	0.0%	0.0%	16.7%	3.1%	0.0%	0.0%	0.0%	1.9%
8	1	1	0	1	0	0	0	0	0	0	1	1	0	0	0	0
	0.3%	0.6%	0.0%	0.7%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	5.6%	3.1%	0.0%	0.0%	0.0%	0.0%
												+++				
Refused	2	1	1	0	2	0	0	0	0	0	0	0	1	0	0	1
	0.7%	0.6%	0.7%	0.0%	1.7%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	1.4%	0.0%	0.0%	0.9%
					+											
Refused	2	1	1	0	2	0	0	0	0	0	0	0	1	0	0	1
	0.7%	0.6%	0.7%	0.0%	1.7%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	1.4%	0.0%	0.0%	0.9%
					+											
Chi Square		11.11		20.30			1000+					46.12				
		.134		.121			.001					.017				

(continued)

BREC End-Use and Energy Efficiency Survey (December 2007)

Table 29: How many people live in your household most of the year?

All KN respondents

	Age						Type of home				Education				
	Total	18-34	35-44	45-54	55-64	65+	Single-story	Multi-story	Mobile	Other	<HS grad	HS grad	Some college	College grad	Post college
Unweighted Base	300	19	34	79	82	79	166	71	40	23	38	129	78	33	16
Base	300	19	34	79	82	79	166	71	40	23	38	129	78	33	16
1	41	1	1	7	9	23	28	4	6	3	11	18	7	5	0
	13.7%	5.3%	2.9%	8.9%	11.0%	29.1%	16.9%	5.6%	15.0%	13.0%	28.9%	14.0%	9.0%	15.2%	0.0%
			-			+++	+	--			+++				
1	41	1	1	7	9	23	28	4	6	3	11	18	7	5	0
	13.7%	5.3%	2.9%	8.9%	11.0%	29.1%	16.9%	5.6%	15.0%	13.0%	28.9%	14.0%	9.0%	15.2%	0.0%
			-			+++	+	--			+++				
2	148	3	8	32	55	47	79	34	21	14	17	71	37	12	8
	49.3%	15.8%	23.5%	40.5%	67.1%	59.5%	47.6%	47.9%	52.5%	60.9%	44.7%	55.0%	47.4%	36.4%	50.0%
			--		+++	++					+				
2	148	3	8	32	55	47	79	34	21	14	17	71	37	12	8
	49.3%	15.8%	23.5%	40.5%	67.1%	59.5%	47.6%	47.9%	52.5%	60.9%	44.7%	55.0%	47.4%	36.4%	50.0%
			--		+++	++					+				
3-5	105	14	25	37	18	9	58	29	12	6	10	38	32	16	8
	35.0%	73.7%	73.5%	46.8%	22.0%	11.4%	34.9%	40.8%	30.0%	26.1%	26.3%	29.5%	41.0%	48.5%	50.0%
			+++	++	--	--					-		+		
3	49	6	8	15	10	8	30	13	3	3	7	15	15	7	4
	16.3%	31.6%	23.5%	19.0%	12.2%	10.1%	18.1%	18.3%	7.5%	13.0%	18.4%	11.6%	19.2%	21.2%	25.0%
						-					-				
4	42	6	14	17	5	0	22	10	7	3	1	19	12	7	3
	14.0%	31.6%	41.2%	21.5%	6.1%	0.0%	13.3%	14.1%	17.5%	13.0%	2.6%	14.7%	15.4%	21.2%	18.8%
			+++	++	--						--				
5	14	2	3	5	3	1	6	6	2	0	2	4	5	2	1
	4.7%	10.5%	8.8%	6.3%	3.7%	1.3%	3.6%	8.5%	5.0%	0.0%	5.3%	3.1%	6.4%	6.1%	6.3%
						-		+							
6-10	4	1	0	3	0	0	0	3	1	0	0	2	2	0	0
	1.3%	5.3%	0.0%	3.8%	0.0%	0.0%	0.0%	4.2%	2.5%	0.0%	0.0%	1.6%	2.6%	0.0%	0.0%
				++				++							
6	3	0	0	3	0	0	0	3	0	0	0	1	2	0	0
	1.0%	0.0%	0.0%	3.8%	0.0%	0.0%	0.0%	4.2%	0.0%	0.0%	0.0%	0.8%	2.6%	0.0%	0.0%
				+++				+++							

(continued)

BREC End-Use and Energy Efficiency Survey (December 2007)

Table 29: How many people live in your household most of the year?

(continued)
All KN respondents

	Age						Type of home				Education				
	Total	18-34	35-44	45-54	55-64	65+	Single-story	Multi-story	Mobile	Other	<HS grad	HS grad	Some college	College grad	Post college
Unweighted Base	300	19	34	79	82	79	166	71	40	23	38	129	78	33	16
Base	300	19	34	79	82	79	166	71	40	23	38	129	78	33	16
8	1 0.3%	1 5.3%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	1 2.5%	0 0.0%	0 0.0%	1 0.8%	0 0.0%	0 0.0%	0 0.0%
Refused	2 0.7%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	1 0.6%	1 1.4%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%
Refused	2 0.7%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	1 0.6%	1 1.4%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%
Chi Square				109.64 .001				29.31 .107					25.94 .576		

(continued)

BREC End-Use and Energy Efficiency Survey (December 2007)

Table 29: How many people live in your household most of the year?

All KN respondents

	Total	Income					Overall Satisfaction		Age of home						Primary heating source			
		< \$15K	\$15K-\$25K	\$25K-\$40K	\$40-\$75K	> \$75K	Less than satis.	Satis.	<5 yrs	5-10	11-20	21-30	31-50	50+ yrs	Elec. furn.	HP/ geoth.	NG furn.	Prop. furn.
Unweighted Base	300	25	21	53	75	62	77	223	19	46	66	62	62	45	69	48	94	49
Base	300	25	21	53	75	62	77	223	19	46	66	62	62	45	69	48	94	49
<u>1</u>	41	10	7	6	4	1	8	33	2	7	7	12	6	7	5	4	15	7
	13.7%	40.0%	33.3%	11.3%	5.3%	1.6%	10.4%	14.8%	10.5%	15.2%	10.6%	19.4%	9.7%	15.6%	7.2%	8.3%	16.0%	14.3%
1	41	10	7	6	4	1	8	33	2	7	7	12	6	7	5	4	15	7
	13.7%	40.0%	33.3%	11.3%	5.3%	1.6%	10.4%	14.8%	10.5%	15.2%	10.6%	19.4%	9.7%	15.6%	7.2%	8.3%	16.0%	14.3%
<u>2</u>	148	9	10	27	39	26	38	110	9	22	29	29	37	22	35	25	42	28
	49.3%	36.0%	47.6%	50.9%	52.0%	41.9%	49.4%	49.3%	47.4%	47.8%	43.9%	46.8%	59.7%	48.9%	50.7%	52.1%	44.7%	57.1%
2	148	9	10	27	39	26	38	110	9	22	29	29	37	22	35	25	42	28
	49.3%	36.0%	47.6%	50.9%	52.0%	41.9%	49.4%	49.3%	47.4%	47.8%	43.9%	46.8%	59.7%	48.9%	50.7%	52.1%	44.7%	57.1%
<u>3-5</u>	105	6	4	19	29	35	29	76	8	17	29	21	16	14	27	18	36	12
	35.0%	24.0%	19.0%	35.8%	38.7%	56.5%	37.7%	34.1%	42.1%	37.0%	43.9%	33.9%	25.8%	31.1%	39.1%	37.5%	38.3%	24.5%
3	49	2	2	8	17	12	11	38	2	8	13	11	8	7	12	8	18	8
	16.3%	8.0%	9.5%	15.1%	22.7%	19.4%	14.3%	17.0%	10.5%	17.4%	19.7%	17.7%	12.9%	15.6%	17.4%	16.7%	19.1%	16.3%
4	42	3	2	10	9	15	14	28	5	4	14	10	5	4	11	9	13	4
	14.0%	12.0%	9.5%	18.9%	12.0%	24.2%	18.2%	12.6%	26.3%	8.7%	21.2%	16.1%	8.1%	8.9%	15.9%	18.8%	13.8%	8.2%
5	14	1	0	1	3	8	4	10	1	5	2	0	3	3	4	1	5	0
	4.7%	4.0%	0.0%	1.9%	4.0%	12.9%	5.2%	4.5%	5.3%	10.9%	3.0%	0.0%	4.8%	6.7%	5.8%	2.1%	5.3%	0.0%

(continued)

BREC End-Use and Energy Efficiency Survey (December 2007)

Table 29: How many people live in your household most of the year?

(continued)
All KN respondents

	Income					Overall Satisfaction		Age of home					Primary heating source					
	Total	< \$15K	\$15K-\$25K	\$25K-\$40K	\$40-\$75K	> \$75K	Less than satis.	Satis.	<5 yrs	5-10	11-20	21-30	31-50	50+ yrs	Elec. furn.	HP/ geoth.	NG furn.	Prop. furn.
Unweighted Base	300	25	21	53	75	62	77	223	19	46	66	62	62	45	69	48	94	49
Base	300	25	21	53	75	62	77	223	19	46	66	62	62	45	69	48	94	49
6-10	4	0	0	1	3	0	1	3	0	0	1	0	2	1	2	1	0	1
	1.3%	0.0%	0.0%	1.9%	4.0%	0.0%	1.3%	1.3%	0.0%	0.0%	1.5%	0.0%	3.2%	2.2%	2.9%	2.1%	0.0%	2.0%
					++													
6	3	0	0	1	2	0	0	3	0	0	0	0	2	1	1	1	0	1
	1.0%	0.0%	0.0%	1.9%	2.7%	0.0%	0.0%	1.3%	0.0%	0.0%	0.0%	0.0%	3.2%	2.2%	1.4%	2.1%	0.0%	2.0%
					+								++					
8	1	0	0	0	1	0	1	0	0	0	1	0	0	0	1	0	0	0
	0.3%	0.0%	0.0%	0.0%	1.3%	0.0%	1.3%	0.0%	0.0%	0.0%	1.5%	0.0%	0.0%	0.0%	1.4%	0.0%	0.0%	0.0%
					+		+				+				+			
Refused	2	0	0	0	0	0	1	1	0	0	0	0	1	1	0	0	1	1
	0.7%	0.0%	0.0%	0.0%	0.0%	0.0%	1.3%	0.4%	0.0%	0.0%	0.0%	0.0%	1.6%	2.2%	0.0%	0.0%	1.1%	2.0%
Refused	2	0	0	0	0	0	1	1	0	0	0	0	1	1	0	0	1	1
	0.7%	0.0%	0.0%	0.0%	0.0%	0.0%	1.3%	0.4%	0.0%	0.0%	0.0%	0.0%	1.6%	2.2%	0.0%	0.0%	1.1%	2.0%
Chi Square				56.17			6.99				34.73				16.80			
				.001			.430				.481				.723			

BREC End-Use and Energy Efficiency Survey (December 2007)

Table 30: Do you own or rent your home?

All KN respondents

	Gender		Financial burden of the electric bill			Number of people in the home					Length of time served by co-op					
	Total	Male	Female	Not too much	Some	Quite a bit	1	2	3	4	5+	<5 yrs.	5-10	11-15	16-25	>25 yrs.
Unweighted Base	300	161	139	148	120	32	41	148	49	42	18	32	71	37	52	108
Base	300	161	139	148	120	32	41	148	49	42	18	32	71	37	52	108
Own	279	150	129	141	110	28	38	137	47	40	17	28	66	34	51	100
	93.0%	93.2%	92.8%	95.3%	91.7%	87.5%	92.7%	92.6%	95.9%	95.2%	94.4%	87.5%	93.0%	91.9%	98.1%	92.6%
Rent/housing provided (e.g. parsonage, living in home owned by somewhat else for free)	16	9	7	7	6	3	3	8	2	2	1	4	3	3	1	5
	5.3%	5.6%	5.0%	4.7%	5.0%	9.4%	7.3%	5.4%	4.1%	4.8%	5.6%	12.5% +	4.2%	8.1%	1.9%	4.6%
Refused	5	2	3	0	4	1	0	3	0	0	0	0	2	0	0	3
	1.7%	1.2%	2.2%	0.0%	3.3% +	3.1%	0.0%	2.0%	0.0%	0.0%	0.0%	0.0%	2.8%	0.0%	0.0%	2.8%
Chi Square		0.42			6.19			3.57					8.65			
		.811			.185			.893					.373			

(continued)

BREC End-Use and Energy Efficiency Survey (December 2007)

Table 30: Do you own or rent your home?

All KN respondents

	Age						Type of home				Education				
	Total	18-34	35-44	45-54	55-64	65+	Single-story	Multi-story	Mobile	Other	<HS grad	HS grad	Some college	College grad	Post college
Unweighted Base	300	19	34	79	82	79	166	71	40	23	38	129	78	33	16
Base	300	19	34	79	82	79	166	71	40	23	38	129	78	33	16
Own	279	16	30	74	80	76	161	66	34	18	37	117	75	32	15
	93.0%	84.2%	88.2%	93.7%	97.6%	96.2%	97.0%	93.0%	85.0%	78.3%	97.4%	90.7%	96.2%	97.0%	93.8%
Rent/housing provided (e.g. parsonage, living in home owned by somewhat else for free)	16	3	4	5	1	3	3	4	5	4	1	11	3	1	0
	5.3%	15.8%	11.8%	6.3%	1.2%	3.8%	1.8%	5.6%	12.5%	17.4%	2.6%	8.5%	3.8%	3.0%	0.0%
Refused	5	0	0	0	1	0	2	1	1	1	0	1	0	0	1
	1.7%	0.0%	0.0%	0.0%	1.2%	0.0%	1.2%	1.4%	2.5%	4.3%	0.0%	0.8%	0.0%	0.0%	6.3%
Chi Square				12.43				16.50				12.99			
				.133				.011				.112			

(continued)

BREC End-Use and Energy Efficiency Survey (December 2007)

Table 30: Do you own or rent your home?

All KN respondents

	Income						Overall Satisfaction		Age of home						Primary heating source			
	Total	< \$15K	\$15K-\$25K	\$25K-\$40K	\$40-\$75K	> \$75K	Less than satis.	Satis.	<5 yrs	5-10	11-20	21-30	31-50	50+ yrs	Elec. furn.	HP/ geoth.	NG furn.	Prop. furn.
Unweighted Base	300	25	21	53	75	62	77	223	19	46	66	62	62	45	69	48	94	49
Base	300	25	21	53	75	62	77	223	19	46	66	62	62	45	69	48	94	49
Own	279	20	20	49	73	61	69	210	18	43	59	60	60	39	63	46	89	46
	93.0%	80.0%	95.2%	92.5%	97.3%	98.4%	89.6%	94.2%	94.7%	93.5%	89.4%	96.8%	96.8%	86.7%	91.3%	95.8%	94.7%	93.9%
Rent/housing provided (e.g. parsonage, living in home owned by somewhat else for free)	16	5	1	4	2	1	5	11	1	2	6	2	1	4	5	1	3	2
	5.3%	20.0%	4.8%	7.5%	2.7%	1.6%	6.5%	4.9%	5.3%	4.3%	9.1%	3.2%	1.6%	8.9%	7.2%	2.1%	3.2%	4.1%
Refused	5	0	0	0	0	0	3	2	0	1	1	0	1	2	1	1	2	1
	1.7%	0.0%	0.0%	0.0%	0.0%	0.0%	3.9%	0.9%	0.0%	2.2%	1.5%	0.0%	1.6%	4.4%	1.4%	2.1%	2.1%	2.0%
							+	-										
Chi Square				13.50			3.48				9.02					2.43		
				.096			.176				.530					.876		

BREC End-Use and Energy Efficiency Survey (December 2007)

Table 31: I'm going to read a list of broad income categories. Please stop me when I've read the category that includes your family's total annual income before taxes. Is it:

All KN respondents

	Gender		Financial burden of the electric bill			Number of people in the home					Length of time served by co-op					
	Total	Male	Female	Not too much	Some	Quite a bit	1	2	3	4	5+	<5 yrs.	5-10	11-15	16-25	>25 yrs.
Unweighted Base	300	161	139	148	120	32	41	148	49	42	18	32	71	37	52	108
Base	300	161	139	148	120	32	41	148	49	42	18	32	71	37	52	108
Less than \$10,000	11 3.7%	5 3.1%	6 4.3%	3 2.0%	4 3.3%	4 12.5%	5 12.2%	4 2.7%	0 0.0%	1 2.4%	1 5.6%	0 0.0%	1 1.4%	2 5.4%	3 5.8%	5 4.6%
\$10-15,000	14 4.7%	5 3.1%	9 6.5%	4 2.7%	7 5.8%	3 9.4%	5 12.2%	5 3.4%	2 4.1%	2 4.8%	0 0.0%	1 3.1%	4 5.6%	0 0.0%	2 3.8%	7 6.5%
\$15-25,000	21 7.0%	7 4.3%	14 10.1%	6 4.1%	10 8.3%	5 15.6%	7 17.1%	10 6.8%	2 4.1%	2 4.8%	0 0.0%	2 6.3%	5 7.0%	1 2.7%	3 5.8%	10 9.3%
\$25-40,000	53 17.7%	34 21.1%	19 13.7%	24 16.2%	26 21.7%	3 9.4%	6 14.6%	27 18.2%	8 16.3%	10 23.8%	2 11.1%	7 21.9%	15 21.1%	2 5.4%	8 15.4%	21 19.4%
\$40-75,000	75 25.0%	40 24.8%	35 25.2%	43 29.1%	27 22.5%	5 15.6%	4 9.8%	39 26.4%	17 34.7%	9 21.4%	6 33.3%	14 43.8%	23 32.4%	7 18.9%	9 17.3%	22 20.4%
More than \$75,000	62 20.7%	35 21.7%	27 19.4%	42 28.4%	16 13.3%	4 12.5%	1 2.4%	26 17.6%	12 24.5%	15 35.7%	8 44.4%	4 12.5%	13 18.3%	17 45.9%	14 26.9%	14 13.0%
Refused	64 21.3%	35 21.7%	29 20.9%	26 17.6%	30 25.0%	8 25.0%	13 31.7%	37 25.0%	8 16.3%	3 7.1%	1 5.6%	4 12.5%	10 14.1%	8 21.6%	13 25.0%	29 26.9%
Chi Square		8.17 .226		31.83 .001				59.92 .001					42.73 .011			

(continued)

BREC End-Use and Energy Efficiency Survey (December 2007)

Table 31: I'm going to read a list of broad income categories. Please stop me when I've read the category that includes your family's total annual income before taxes. Is it:

All KN respondents

	Age						Type of home				Education				
	Total	18-34	35-44	45-54	55-64	65+	Single-story	Multi-story	Mobile	Other	<HS grad	HS grad	Some college	College grad	Post college
Unweighted Base	300	19	34	79	82	79	166	71	40	23	38	129	78	33	16
Base	300	19	34	79	82	79	166	71	40	23	38	129	78	33	16
Less than \$10,000	11 3.7%	0 0.0%	1 2.9%	1 1.3%	4 4.9%	5 6.3%	3 1.8%	3 4.2%	3 7.5%	2 8.7%	4 10.5%	6 4.7%	1 1.3%	0 0.0%	0 0.0%
\$10-15,000	14 4.7%	2 10.5%	0 0.0%	1 1.3%	5 6.1%	6 7.6%	8 4.8%	1 1.4%	4 10.0%	1 4.3%	1 2.6%	10 7.8%	3 3.8%	0 0.0%	0 0.0%
\$15-25,000	21 7.0%	1 5.3%	0 0.0%	2 2.5%	5 6.1%	13 16.5%	11 6.6%	4 5.6%	4 10.0%	2 8.7%	10 26.3%	9 7.0%	1 1.3%	1 3.0%	0 0.0%
\$25-40,000	53 17.7%	2 10.5%	9 26.5%	10 12.7%	14 17.1%	18 22.8%	26 15.7%	11 15.5%	11 27.5%	5 21.7%	10 26.3%	27 20.9%	13 16.7%	3 9.1%	0 0.0%
\$40-75,000	75 25.0%	11 57.9%	10 29.4%	30 38.0%	12 14.6%	12 15.2%	44 26.5%	19 26.8%	6 15.0%	6 26.1%	5 13.2%	35 27.1%	21 26.9%	10 30.3%	4 25.0%
More than \$75,000	62 20.7%	3 15.8%	10 29.4%	24 30.4%	20 24.4%	5 6.3%	41 24.7%	18 25.4%	3 7.5%	0 0.0%	1 2.6%	13 10.1%	23 29.5%	14 42.4%	11 68.8%
Refused	64 21.3%	0 0.0%	4 11.8%	11 13.9%	22 26.8%	20 25.3%	33 19.9%	15 21.1%	9 22.5%	7 30.4%	7 18.4%	29 22.5%	16 20.5%	5 15.2%	1 6.3%
Chi Square				71.76 .001				25.79 .105					90.69 .001		

(continued)

BREC End-Use and Energy Efficiency Survey (December 2007)

Table 31: I'm going to read a list of broad income categories. Please stop me when I've read the category that includes your family's total annual income before taxes. Is it:

All KN respondents

	Income						Overall Satisfaction		Age of home						Primary heating source			
	Total	< \$15K	\$15K-\$25K	\$25K-\$40K	\$40-\$75K	> \$75K	Less than satis.	Satis.	<5 yrs	5-10	11-20	21-30	31-50	50+ yrs	Elec. furn.	HP/ geoth.	NG furn.	Prop. furn.
Unweighted Base	300	25	21	53	75	62	77	223	19	46	66	62	62	45	69	48	94	49
Base	300	25	21	53	75	62	77	223	19	46	66	62	62	45	69	48	94	49
Less than \$10,000	11	11	0	0	0	0	3	8	1	1	1	5	1	2	3	1	2	2
	3.7%	44.0%	0.0%	0.0%	0.0%	0.0%	3.9%	3.6%	5.3%	2.2%	1.5%	8.1%	1.6%	4.4%	4.3%	2.1%	2.1%	4.1%
\$10-15,000	14	14	0	0	0	0	3	11	1	3	4	2	3	1	2	4	1	4
	4.7%	56.0%	0.0%	0.0%	0.0%	0.0%	3.9%	4.9%	5.3%	6.5%	6.1%	3.2%	4.8%	2.2%	2.9%	8.3%	1.1%	8.2%
\$15-25,000	21	0	21	0	0	0	5	16	0	4	2	3	7	5	2	1	8	6
	7.0%	0.0%	100.0%	0.0%	0.0%	0.0%	6.5%	7.2%	0.0%	8.7%	3.0%	4.8%	11.3%	11.1%	2.9%	2.1%	8.5%	12.2%
\$25-40,000	53	0	0	53	0	0	14	39	1	4	11	9	13	15	15	5	10	13
	17.7%	0.0%	0.0%	100.0%	0.0%	0.0%	18.2%	17.5%	5.3%	8.7%	16.7%	14.5%	21.0%	33.3%	21.7%	10.4%	10.6%	26.5%
\$40-75,000	75	0	0	0	75	0	17	58	5	14	23	14	10	9	25	12	20	7
	25.0%	0.0%	0.0%	0.0%	100.0%	0.0%	22.1%	26.0%	26.3%	30.4%	34.8%	22.6%	16.1%	20.0%	36.2%	25.0%	21.3%	14.3%
More than \$75,000	62	0	0	0	0	62	20	42	6	13	13	10	15	5	9	17	27	6
	20.7%	0.0%	0.0%	0.0%	0.0%	100.0%	26.0%	18.8%	31.6%	28.3%	19.7%	16.1%	24.2%	11.1%	13.0%	35.4%	28.7%	12.2%
Refused	64	0	0	0	0	0	15	49	5	7	12	19	13	8	13	8	26	11
	21.3%	0.0%	0.0%	0.0%	0.0%	0.0%	19.5%	22.0%	26.3%	15.2%	18.2%	30.6%	21.0%	17.8%	18.8%	16.7%	27.7%	22.4%
Chi Square				944.00			2.13				38.87					38.90		
				.001			.907				.129					.003		

BREC End-Use and Energy Efficiency Survey (December 2007)

Table 32: Account number

All KN respondents

	Gender			Financial burden of the electric bill			Number of people in the home					Length of time served by co-op				
	Total	Male	Female	Not too much	Some	Quite a bit	1	2	3	4	5+	<5 yrs.	5-10	11-15	16-25	>25 yrs.
	Base	234970	125677	109292	115900	938560	252140	323191	115690	384645	328222	141151	245116	551308	292317	416795
Account number	508865	813123	695742	478906	11622	18337	12437	561381	62436	43113	68487	29051	46300	07086	53974	72454
	0	0	0	0	100.0%	100.0%	100.0%	0	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%
	100.0%	100.0%	100.0%	100.0%	782133	787938	788271	100.0%	784991	781481	784176	765988	776490	790046	801529	781636
	783235	780607	786278	783111	430.2	073.0	035.0	781692	070.1	978.9	027.1	407.8	793.0	137.5	884.1	782.0
	029.6	534.9	386.6	344.0				982.3								
	Age					Type of home				Education						
	Total	18-34	35-44	45-54	55-64	65+	Single-story	Multi-story	Mobile	Other	<HS grad	HS grad	Some college	College grad	Post college	
	Base	234970	149288	267063	619007	641388	617844	130693	556303	309344	177123	295593	100714	614641	258725	126656
Account number	508865	51910	36648	22283	54592	98281	347416	17460	95390	48599	23289	149487	44556	94244	27184	
	0	100.0%	100.0%	100.0%	100.0%	100.0%	0	100.0%	100.0%	100.0%	100.0%	0	100.0%	100.0%	100.0%	
	100.0%	785729	785480	783553	782181	782082	100.0%	783525	773362	770102	777876	100.0%	788001	784018	791601	
	783235	047.9	489.6	446.6	153.6	256.7	787309	598.0	384.8	113.0	928.7	780729	853.3	007.4	699.0	
	029.6						321.8					841.0				

(continued)

BREC End-Use and Energy Efficiency Survey (December 2007)

Table 32: Account number

All KN respondents

	Total	Income					Overall Satisfaction		Age of home						Primary heating source			
		< \$15K	\$15K-\$25K	\$25K-\$40K	\$40-\$75K	> \$75K	Less than satis.	Satis.	<5 yrs	5-10	11-20	21-30	31-50	50+ yrs	Elec. furn.	HP/ geoth.	NG furn.	Prop. furn.
Base	23497	19937	16121	41250	58546	48820	59632	17533	15169	35640	51362	49060	48316	35421	53062	37749	75261	37550
	05088	00523	57784	84770	61233	08667	43593	80729	50807	29012	86520	05340	61759	17444	48763	74613	48263	03466
	65	0	1	6	3	0	3	32	5	9	9	6	9	7	6	0	7	1
Account number	23497	19937	16121	41250	58546	48820	59632	17533	15169	35640	51362	49060	48316	35421	53062	37749	75261	37550
	05088	00523	57784	84770	61233	08667	43593	80729	50807	29012	86520	05340	61759	17444	48763	74613	48263	03466
	65.0	0.0	1.0	6.0	3.0	0.0	3.0	32.0	5.0	9.0	9.0	6.0	9.0	7.0	6.0	0.0	7.0	1.0
	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%
	78323	79748	76769	77831	78062	78742	77444	78626	79839	77478	77822	79129	77930	78713	76902	78645	80065	76632
	5029.6	0209.2	4182.9	7881.2	1497.8	0752.7	7219.9	9385.3	5161.8	8915.8	5230.4	1184.0	0283.9	7209.9	1559.9	3044.4	4070.6	7238.0

BREC End-Use and Energy Efficiency Survey (December 2007)

Table 33: Account number (continued)

All KN respondents

	Gender		Financial burden of the electric bill			Number of people in the home					Length of time served by co-op							
	Total	Male	Female	Not too much	Some	Quite a bit	1	2	3	4	5+	<5 yrs.	5-10	11-15	16-25	>25 yrs.		
Base	575	319	256	243	276	56	54	270	129	93	28	89	178	62	109	137		
Account number (continued)	575.0	319.0	256.0	243.0	276.0	56.0	54.0	270.0	129.0	93.0	28.0	89.0	178.0	62.0	109.0	137.0		
	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%		
	1.9	2.0	1.8	1.6	2.3	1.8	1.3	1.8	2.6	2.2	1.6	2.8	2.5	1.7	2.1	1.3		
	Age					Type of home				Education								
	Total	18-34	35-44	45-54	55-64	65+	Single-story	Multi-story	Mobile	Other	<HS grad	HS grad	Some college	College grad	Post college			
Base	575	55	109	185	123	90	283	134	89	69	51	232	176	82	25			
Account number (continued)	575.0	55.0	109.0	185.0	123.0	90.0	283.0	134.0	89.0	69.0	51.0	232.0	176.0	82.0	25.0			
	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%			
	1.9	2.9	3.2	2.3	1.5	1.1	1.7	1.9	2.2	3.0	1.3	1.8	2.3	2.5	1.6			
	Income					Overall Satisfaction	Age of home					Primary heating source						
	Total	< \$15K	\$15K- \$25K	\$25K- \$40K	\$40- \$75K	> \$75K	Less than satis.	Satis.	<5 yrs	5-10	11-20	21-30	31-50	50+ yrs	Elec. furn.	HP/ geoth.	NG furn.	Prop. furn.
Base	575	55	22	78	182	98	191	384	34	78	175	117	100	71	154	59	221	82
Account number (continued)	575.0	55.0	22.0	78.0	182.0	98.0	191.0	384.0	34.0	78.0	175.0	117.0	100.0	71.0	154.0	59.0	221.0	82.0
	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%
	1.9	2.2	1.0	1.5	2.4	1.6	2.5	1.7	1.8	1.7	2.7	1.9	1.6	1.6	2.2	1.2	2.4	1.7

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BREC End-Use and Energy Efficiency Survey (December 2007)

Table 1: Gender

All MCRECC respondents

	Total	Income					Overall Satisfaction		Age of home						Primary heating source			
		< \$15K	\$15K-\$25K	\$25K-\$40K	\$40-\$75K	> \$75K	Less than satis.	Satis.	<5 yrs	5-10	11-20	21-30	31-50	50+ yrs	Elec. furn.	HP/ geoth.	NG furn.	Prop. furn.
Unweighted Base	300	40	30	54	72	60	53	247	23	47	64	64	61	38	70	59	33	60
Base	300	40	30	54	72	60	53	247	23	47	64	64	61	38	70	59	33	60
Male	162	14	13	28	48	43	27	135	13	22	39	34	34	18	34	39	13	35
	54.0%	35.0%	43.3%	51.9%	66.7%	71.7%	50.9%	54.7%	56.5%	46.8%	60.9%	53.1%	55.7%	47.4%	48.6%	66.1%	39.4%	58.3%
Female	138	26	17	26	24	17	26	112	10	25	25	30	27	20	36	20	20	25
	46.0%	65.0%	56.7%	48.1%	33.3%	28.3%	49.1%	45.3%	43.5%	53.2%	39.1%	46.9%	44.3%	52.6%	51.4%	33.9%	60.6%	41.7%
		+++			--	---										--	+	
Chi Square				18.78			0.24				3.04					7.59		
				.001			.623				.694					.055		

BREC End-Use and Energy Efficiency Survey (December 2007)

Table 2: First, for verification, who provides your residential electric service?

All MCRECC respondents

	Gender		Financial burden of the electric bill			Number of people in the home					Length of time served by co-op					
	Total	Male	Female	Not too much	Some	Quite a bit	1	2	3	4	5+	<5 yrs.	5-10	11-15	16-25	>25 yrs.
Unweighted Base	300	162	138	151	112	36	48	148	49	38	17	35	53	22	57	133
Base	300	162	138	151	112	36	48	148	49	38	17	35	53	22	57	133
Meade County RECC	300	162	138	151	112	36	48	148	49	38	17	35	53	22	57	133
	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%
Chi Square		0.00 .999		0.00 .999				0.00 .999						0.00 .999		
	Age					Type of home				Education						
	Total	18-34	35-44	45-54	55-64	65+	Single-story	Multi-story	Mobile	Other	<HS grad	HS grad	Some college	College grad	Post college	
Unweighted Base	300	26	41	67	75	85	158	67	49	26	52	144	60	25	16	
Base	300	26	41	67	75	85	158	67	49	26	52	144	60	25	16	
Meade County RECC	300	26	41	67	75	85	158	67	49	26	52	144	60	25	16	
	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	
Chi Square				0.00 .999				0.00 .999					0.00 .999			

(continued)

BREC End-Use and Energy Efficiency Survey (December 2007)

Table 2: First, for verification, who provides your residential electric service?

All MCRECC respondents

	Income					Overall Satisfaction		Age of home					Primary heating source					
	Total	< \$15K	\$15K-\$25K	\$25K-\$40K	\$40-\$75K	> \$75K	Less than satis.	Satis.	<5 yrs	5-10	11-20	21-30	31-50	50+ yrs	Elec. furn.	HP/ geoth.	NG furn.	Prop. furn.
Unweighted Base	300	40	30	54	72	60	53	247	23	47	64	64	61	38	70	59	33	60
Base	300	40	30	54	72	60	53	247	23	47	64	64	61	38	70	59	33	60
Meade County RECC	300	40	30	54	72	60	53	247	23	47	64	64	61	38	70	59	33	60
	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%
Chi Square				0.00			0.00				0.00					0.00		
				.999			.999				.999					.999		

BREC End-Use and Energy Efficiency Survey (December 2007)

Table 3: How long have you been served by that utility?

All MCRECC respondents

	Gender		Financial burden of the electric bill			Number of people in the home					Length of time served by co-op					
	Total	Male	Female	Not too much	Some	Quite a bit	1	2	3	4	5+	<5 yrs.	5-10	11-15	16-25	>25 yrs.
Unweighted Base	300	162	138	151	112	36	48	148	49	38	17	35	53	22	57	133
Base	300	162	138	151	112	36	48	148	49	38	17	35	53	22	57	133
Less than 5 years	35	21	14	15	16	4	1	16	9	7	2	35	0	0	0	0
	11.7%	13.0%	10.1%	9.9%	14.3%	11.1%	2.1%	10.8%	18.4%	18.4%	11.8%	100.0%	0.0%	0.0%	0.0%	0.0%
5-10 years	53	30	23	29	19	4	8	23	6	11	5	0	53	0	0	0
	17.7%	18.5%	16.7%	19.2%	17.0%	11.1%	16.7%	15.5%	12.2%	28.9%	29.4%	0.0%	100.0%	0.0%	0.0%	0.0%
11-15 years	22	13	9	12	6	4	4	11	0	4	3	0	0	22	0	0
	7.3%	8.0%	6.5%	7.9%	5.4%	11.1%	8.3%	7.4%	0.0%	10.5%	17.6%	0.0%	0.0%	100.0%	0.0%	0.0%
16-25 years	57	31	26	25	25	7	6	28	9	13	1	0	0	0	57	0
	19.0%	19.1%	18.8%	16.6%	22.3%	19.4%	12.5%	18.9%	18.4%	34.2%	5.9%	0.0%	0.0%	0.0%	100.0%	0.0%
More than 25 years	133	67	66	70	46	17	29	70	25	3	6	0	0	0	0	133
	44.3%	41.4%	47.8%	46.4%	41.1%	47.2%	60.4%	47.3%	51.0%	7.9%	35.3%	0.0%	0.0%	0.0%	0.0%	100.0%
							++			---						+++
Chi Square		1.59			5.13				41.71					1000+		
		.811			.743				.001					.001		

(continued)

BREC End-Use and Energy Efficiency Survey (December 2007)

Table 3: How long have you been served by that utility?

All MCRECC respondents

	Age						Type of home				Education				
	Total	18-34	35-44	45-54	55-64	65+	Single-story	Multi-story	Mobile	Other	<HS grad	HS grad	Some college	College grad	Post college
Unweighted Base	300	26	41	67	75	85	158	67	49	26	52	144	60	25	16
Base	300	26	41	67	75	85	158	67	49	26	52	144	60	25	16
Less than 5 years	35 11.7%	8 30.8%	6 14.6%	9 13.4%	5 6.7%	6 7.1%	17 10.8%	6 9.0%	9 18.4%	3 11.5%	6 11.5%	20 13.9%	6 10.0%	2 8.0%	1 6.3%
5-10 years	53 17.7%	12 46.2%	9 22.0%	14 20.9%	7 9.3%	10 11.8%	21 13.3%	13 19.4%	10 20.4%	9 34.6%	7 13.5%	24 16.7%	10 16.7%	8 32.0%	3 18.8%
11-15 years	22 7.3%	5 19.2%	2 4.9%	9 13.4%	5 6.7%	1 1.2%	9 5.7%	5 7.5%	6 12.2%	2 7.7%	5 9.6%	9 6.3%	6 10.0%	0 0.0%	2 12.5%
16-25 years	57 19.0%	0 0.0%	19 46.3%	16 23.9%	9 12.0%	12 14.1%	31 19.6%	11 16.4%	10 20.4%	5 19.2%	4 7.7%	26 18.1%	14 23.3%	9 36.0%	4 25.0%
More than 25 years	133 44.3%	1 3.8%	5 12.2%	19 28.4%	49 65.3%	56 65.9%	80 50.6%	32 47.8%	14 28.6%	7 26.9%	30 57.7%	65 45.1%	24 40.0%	6 24.0%	6 37.5%
			---	---	+++	+++	++		--		++				
Chi Square				106.50 .001				17.31 .138					21.63 .155		

(continued)

BREC End-Use and Energy Efficiency Survey (December 2007)

Table 3: How long have you been served by that utility?

All MCRECC respondents

	Income						Overall Satisfaction		Age of home						Primary heating source			
	Total	< \$15K	\$15K-\$25K	\$25K-\$40K	\$40-\$75K	> \$75K	Less than satis.	Satis.	<5 yrs	5-10	11-20	21-30	31-50	50+ yrs	Elec. furn.	HP/ geoth.	NG furn.	Prop. furn.
Unweighted Base	300	40	30	54	72	60	53	247	23	47	64	64	61	38	70	59	33	60
Base	300	40	30	54	72	60	53	247	23	47	64	64	61	38	70	59	33	60
Less than 5 years	35 11.7%	5 12.5%	4 13.3%	6 11.1%	8 11.1%	8 13.3%	9 17.0%	26 10.5%	9 39.1%	8 17.0%	7 10.9%	6 9.4%	0 0.0%	2 5.3%	12 17.1%	5 8.5%	5 15.2%	7 11.7%
5-10 years	53 17.7%	7 17.5%	4 13.3%	8 14.8%	17 23.6%	11 18.3%	13 24.5%	40 16.2%	5 21.7%	19 40.4%	10 15.6%	8 12.5%	4 6.6%	7 18.4%	18 25.7%	13 22.0%	5 15.2%	8 13.3%
11-15 years	22 7.3%	1 2.5%	1 3.3%	6 11.1%	7 9.7%	6 10.0%	4 7.5%	18 7.3%	0 0.0%	3 6.4%	12 18.8%	5 7.8%	2 3.3%	0 0.0%	11 15.7%	5 8.5%	0 0.0%	1 1.7%
16-25 years	57 19.0%	6 15.0%	6 20.0%	13 24.1%	11 15.3%	15 25.0%	14 26.4%	43 17.4%	6 26.1%	4 8.5%	15 23.4%	16 25.0%	12 19.7%	4 10.5%	8 11.4%	13 22.0%	7 21.2%	12 20.0%
More than 25 years	133 44.3%	21 52.5%	15 50.0%	21 38.9%	29 40.3%	20 33.3%	13 24.5%	120 48.6%	3 13.0%	13 27.7%	20 31.3%	29 45.3%	43 70.5%	25 65.8%	21 30.0%	23 39.0%	16 48.5%	32 53.3%
						-	---	+++		--	--		+++	+++	---			
Chi Square				10.83			10.84				93.14					23.65		
				.820			.028				.001					.023		

BREC End-Use and Energy Efficiency Survey (December 2007)

Table 4: On a scale of 1-10, with 10 being "very satisfied" and 1 being "not satisfied at all," how satisfied are you with the service provided by your electric utility?

All MCRECC respondents

	Gender		Financial burden of the electric bill			Number of people in the home					Length of time served by co-op					
	Total	Male	Female	Not too much	Some	Quite a bit	1	2	3	4	5+	<5 yrs.	5-10	11-15	16-25	>25 yrs.
Unweighted Base	300	162	138	151	112	36	48	148	49	38	17	35	53	22	57	133
Base	300	162	138	151	112	36	48	148	49	38	17	35	53	22	57	133
<u>Less than satisfied</u>	53	27	26	19	27	7	8	20	11	11	3	9	13	4	14	13
	17.7%	16.7%	18.8%	12.6%	24.1%	19.4%	16.7%	13.5%	22.4%	28.9%	17.6%	25.7%	24.5%	18.2%	24.6%	9.8%
4	1	0	1	0	1	0	0	0	1	0	0	0	0	0	1	0
	0.3%	0.0%	0.7%	0.0%	0.9%	0.0%	0.0%	0.0%	2.0%	0.0%	0.0%	0.0%	0.0%	0.0%	1.8%	0.0%
5	5	2	3	2	1	2	1	3	1	0	0	1	2	0	1	1
	1.7%	1.2%	2.2%	1.3%	0.9%	5.6%	2.1%	2.0%	2.0%	0.0%	0.0%	2.9%	3.8%	0.0%	1.8%	0.8%
6	3	1	2	1	2	0	2	0	1	0	0	0	0	0	1	2
	1.0%	0.6%	1.4%	0.7%	1.8%	0.0%	4.2%	0.0%	2.0%	0.0%	0.0%	0.0%	0.0%	0.0%	1.8%	1.5%
7	10	6	4	5	3	2	3	3	2	2	0	2	2	1	3	2
	3.3%	3.7%	2.9%	3.3%	2.7%	5.6%	6.3%	2.0%	4.1%	5.3%	0.0%	5.7%	3.8%	4.5%	5.3%	1.5%
8	34	18	16	11	20	3	2	14	6	9	3	6	9	3	8	8
	11.3%	11.1%	11.6%	7.3%	17.9%	8.3%	4.2%	9.5%	12.2%	23.7%	17.6%	17.1%	17.0%	13.6%	14.0%	6.0%
<u>Satisfied</u>	247	135	112	132	85	29	40	128	38	27	14	26	40	18	43	120
	82.3%	83.3%	81.2%	87.4%	75.9%	80.6%	83.3%	86.5%	77.6%	71.1%	82.4%	74.3%	75.5%	81.8%	75.4%	90.2%
9	55	38	17	25	24	6	8	22	9	9	7	11	13	7	8	16
	18.3%	23.5%	12.3%	16.6%	21.4%	16.7%	16.7%	14.9%	18.4%	23.7%	41.2%	31.4%	24.5%	31.8%	14.0%	12.0%
10—very satisfied	192	97	95	107	61	23	32	106	29	18	7	15	27	11	35	104
	64.0%	59.9%	68.8%	70.9%	54.5%	63.9%	66.7%	71.6%	59.2%	47.4%	41.2%	42.9%	50.9%	50.0%	61.4%	78.2%
Chi Square		8.22		17.58				36.13					36.59			
		.222		.129				.053					.048			



(continued)

BREC End-Use and Energy Efficiency Survey (December 2007)

Table 4: On a scale of 1-10, with 10 being "very satisfied" and 1 being "not satisfied at all," how satisfied are you with the service provided by your electric utility?

All MCRECC respondents

	Age						Type of home				Education				
	Total	18-34	35-44	45-54	55-64	65+	Single-story	Multi-story	Mobile	Other	<HS grad	HS grad	Some college	College grad	Post college
Unweighted Base	300	26	41	67	75	85	158	67	49	26	52	144	60	25	16
Base	300	26	41	67	75	85	158	67	49	26	52	144	60	25	16
<u>Less than satisfied</u>	53	11	11	13	9	8	20	11	17	5	15	23	9	4	0
	17.7%	42.3%	26.8%	19.4%	12.0%	9.4%	12.7%	16.4%	34.7%	19.2%	28.8%	16.0%	15.0%	16.0%	0.0%
4	1	0	0	1	0	0	1	0	0	0	0	1	0	0	0
	0.3%	0.0%	0.0%	1.5%	0.0%	0.0%	0.6%	0.0%	0.0%	0.0%	0.0%	0.7%	0.0%	0.0%	0.0%
5	5	1	0	1	1	1	1	0	3	1	3	1	1	0	0
	1.7%	3.8%	0.0%	1.5%	1.3%	1.2%	0.6%	0.0%	6.1%	3.8%	5.8%	0.7%	1.7%	0.0%	0.0%
6	3	0	1	0	0	2	2	0	1	0	1	1	1	0	0
	1.0%	0.0%	2.4%	0.0%	0.0%	2.4%	1.3%	0.0%	2.0%	0.0%	1.9%	0.7%	1.7%	0.0%	0.0%
7	10	3	5	0	1	1	3	2	4	1	2	4	1	3	0
	3.3%	11.5%	12.2%	0.0%	1.3%	1.2%	1.9%	3.0%	8.2%	3.8%	3.8%	2.8%	1.7%	12.0%	0.0%
8	34	7	5	11	7	4	13	9	9	3	9	16	6	1	0
	11.3%	26.9%	12.2%	16.4%	9.3%	4.7%	8.2%	13.4%	18.4%	11.5%	17.3%	11.1%	10.0%	4.0%	0.0%
<u>Satisfied</u>	247	15	30	54	66	77	138	56	32	21	37	121	51	21	16
	82.3%	57.7%	73.2%	80.6%	88.0%	90.6%	87.3%	83.6%	65.3%	80.8%	71.2%	84.0%	85.0%	84.0%	100.0%
9	55	7	11	10	14	13	31	11	7	6	6	27	12	5	5
	18.3%	26.9%	26.8%	14.9%	18.7%	15.3%	19.6%	16.4%	14.3%	23.1%	11.5%	18.8%	20.0%	20.0%	31.3%
10—very satisfied	192	8	19	44	52	64	107	45	25	15	31	94	39	16	11
	64.0%	30.8%	46.3%	65.7%	69.3%	75.3%	67.7%	67.2%	51.0%	57.7%	59.6%	65.3%	65.0%	64.0%	68.8%
Chi Square				50.47				22.31				23.78			
				.001				.219				.474			

(continued)

BREC End-Use and Energy Efficiency Survey (December 2007)

Table 4: On a scale of 1-10, with 10 being "very satisfied" and 1 being "not satisfied at all," how satisfied are you with the service provided by your electric utility?

All MCRECC respondents

	Income						Overall Satisfaction		Age of home						Primary heating source			
	Total	< \$15K	\$15K-\$25K	\$25K-\$40K	\$40-\$75K	> \$75K	Less than satis.	Satis.	<5 yrs	5-10	11-20	21-30	31-50	50+ yrs	Elec. furn.	HP/ geoth.	NG furn.	Prop. furn.
Unweighted Base	300	40	30	54	72	60	53	247	23	47	64	64	61	38	70	59	33	60
Base	300	40	30	54	72	60	53	247	23	47	64	64	61	38	70	59	33	60
<u>Less than satisfied</u>	53	9	5	8	17	5	53	0	6	9	11	9	13	4	13	11	3	13
	17.7%	22.5%	16.7%	14.8%	23.6%	8.3%	100.0%	0.0%	26.1%	19.1%	17.2%	14.1%	21.3%	10.5%	18.6%	18.6%	9.1%	21.7%
							--											
4	1	0	0	0	0	0	1	0	0	0	0	1	0	0	0	0	0	1
	0.3%	0.0%	0.0%	0.0%	0.0%	0.0%	1.9%	0.0%	0.0%	0.0%	0.0%	1.6%	0.0%	0.0%	0.0%	0.0%	0.0%	1.7%
							++					+						++
5	5	2	0	1	1	0	5	0	0	2	1	2	0	0	3	0	0	2
	1.7%	5.0%	0.0%	1.9%	1.4%	0.0%	9.4%	0.0%	0.0%	4.3%	1.6%	3.1%	0.0%	0.0%	4.3%	0.0%	0.0%	3.3%
		+					+++								+			
6	3	0	0	0	2	0	3	0	0	0	0	0	3	0	0	0	0	1
	1.0%	0.0%	0.0%	0.0%	2.8%	0.0%	5.7%	0.0%	0.0%	0.0%	0.0%	0.0%	4.9%	0.0%	0.0%	0.0%	0.0%	1.7%
					+		+++						+++					
7	10	3	0	2	2	1	10	0	1	0	4	2	2	1	2	3	1	2
	3.3%	7.5%	0.0%	3.7%	2.8%	1.7%	18.9%	0.0%	4.3%	0.0%	6.3%	3.1%	3.3%	2.6%	2.9%	5.1%	3.0%	3.3%
							+++											
8	34	4	5	5	12	4	34	0	5	7	6	4	8	3	8	8	2	7
	11.3%	10.0%	16.7%	9.3%	16.7%	6.7%	64.2%	0.0%	21.7%	14.9%	9.4%	6.3%	13.1%	7.9%	11.4%	13.6%	6.1%	11.7%
							+++											
<u>Satisfied</u>	247	31	25	46	55	55	0	247	17	38	53	55	48	34	57	48	30	47
	82.3%	77.5%	83.3%	85.2%	76.4%	91.7%	0.0%	100.0%	73.9%	80.9%	82.8%	85.9%	78.7%	89.5%	81.4%	81.4%	90.9%	78.3%
							++											
							+++											
9	55	4	6	14	14	11	0	55	6	6	17	12	9	5	13	14	6	9
	18.3%	10.0%	20.0%	25.9%	19.4%	18.3%	0.0%	22.3%	26.1%	12.8%	26.6%	18.8%	14.8%	13.2%	18.6%	23.7%	18.2%	15.0%
							+++					+						

(continued)

BREC End-Use and Energy Efficiency Survey (December 2007)

Table 4: On a scale of 1-10, with 10 being "very satisfied" and 1 being "not satisfied at all," how satisfied are you with the service provided by your electric utility?

(continued)

All MCRECC respondents

	Income					Overall Satisfaction		Age of home					Primary heating source					
	Total	< \$15K	\$15K-\$25K	\$25K-\$40K	\$40-\$75K	> \$75K	Less than satis.	Satis.	<5 yrs	5-10	11-20	21-30	31-50	50+ yrs	Elec. furn.	HP/ geoth.	NG furn.	Prop. furn.
Unweighted Base	300	40	30	54	72	60	53	247	23	47	64	64	61	38	70	59	33	60
Base	300	40	30	54	72	60	53	247	23	47	64	64	61	38	70	59	33	60
10—very satisfied	192	27	19	32	41	44	0	192	11	32	36	43	39	29	44	34	24	38
	64.0%	67.5%	63.3%	59.3%	56.9%	73.3%	0.0%	77.7%	47.8%	68.1%	56.3%	67.2%	63.9%	76.3%	62.9%	57.6%	72.7%	63.3%
						+		+++						+				
Chi Square				22.01			300.00				35.81						12.65	
				.578			.001				.214						.812	

BREC End-Use and Energy Efficiency Survey (December 2007)

Table 5: What type of residence do you live in? Excluding a basement, is it:

All MCRECC respondents

	Gender		Financial burden of the electric bill			Number of people in the home					Length of time served by co-op					
	Total	Male	Female	Not too much	Some	Quite a bit	1	2	3	4	5+	<5 yrs.	5-10	11-15	16-25	>25 yrs.
Unweighted Base	300	162	138	151	112	36	48	148	49	38	17	35	53	22	57	133
Base	300	162	138	151	112	36	48	148	49	38	17	35	53	22	57	133
A single-story home	158 52.7%	84 51.9%	74 53.6%	83 55.0%	56 50.0%	18 50.0%	21 43.8%	85 57.4%	27 55.1%	20 52.6%	5 29.4%	17 48.6%	21 39.6%	9 40.9%	31 54.4%	80 60.2%
A multi-story home	67 22.3%	39 24.1%	28 20.3%	35 23.2%	24 21.4%	8 22.2%	6 12.5%	31 20.9%	9 18.4%	13 34.2%	8 47.1%	6 17.1%	13 24.5%	5 22.7%	11 19.3%	32 24.1%
A mobile home	49 16.3%	26 16.0%	23 16.7%	22 14.6%	19 17.0%	8 22.2%	13 27.1%	19 12.8%	9 18.4%	4 10.5%	4 23.5%	9 25.7%	10 18.9%	6 27.3%	10 17.5%	14 10.5%
A modular home	16 5.3%	9 5.6%	7 5.1%	5 3.3%	10 8.9%	1 2.8%	2 4.2%	10 6.8%	3 6.1%	1 2.6%	0 0.0%	1 2.9%	6 11.3%	1 4.5%	4 7.0%	4 3.0%
A condominium, duplex or apartment	10 3.3%	4 2.5%	6 4.3%	6 4.0%	3 2.7%	1 2.8%	6 12.5%	3 2.0%	1 2.0%	0 0.0%	0 0.0%	2 5.7%	3 5.7%	1 4.5%	1 1.8%	3 2.3%
Chi Square		1.36 .851		6.17 .628				35.82 .003						19.39 .249		

(continued)

BREC End-Use and Energy Efficiency Survey (December 2007)

Table 5: What type of residence do you live in? Excluding a basement, is it:

All MCRECC respondents

	Age						Type of home				Education				
	Total	18-34	35-44	45-54	55-64	65+	Single-story	Multi-story	Mobile	Other	<HS grad	HS grad	Some college	College grad	Post college
Unweighted Base	300	26	41	67	75	85	158	67	49	26	52	144	60	25	16
Base	300	26	41	67	75	85	158	67	49	26	52	144	60	25	16
A single-story home	158 52.7%	13 50.0%	19 46.3%	33 49.3%	46 61.3%	44 51.8%	158 100.0%	0 0.0%	0 0.0%	0 0.0%	20 38.5%	86 59.7%	32 53.3%	12 48.0%	7 43.8%
A multi-story home	67 22.3%	3 11.5%	13 31.7%	14 20.9%	15 20.0%	20 23.5%	0 0.0%	67 100.0%	0 0.0%	0 0.0%	8 15.4%	24 16.7%	16 26.7%	9 36.0%	9 56.3%
A mobile home	49 16.3%	8 30.8%	7 17.1%	11 16.4%	8 10.7%	14 16.5%	0 0.0%	0 0.0%	49 100.0%	0 0.0%	20 38.5%	19 13.2%	9 15.0%	1 4.0%	0 0.0%
A modular home	16 5.3%	0 0.0%	0 0.0%	8 11.9%	4 5.3%	4 4.7%	0 0.0%	0 0.0%	0 0.0%	16 61.5%	2 3.8%	10 6.9%	2 3.3%	1 4.0%	0 0.0%
A condominium, duplex or apartment	10 3.3%	2 7.7%	2 4.9%	1 1.5%	2 2.7%	3 3.5%	0 0.0%	0 0.0%	0 0.0%	10 38.5%	2 3.8%	5 3.5%	1 1.7%	2 8.0%	0 0.0%
Chi Square				21.12 .174					900.00 .001				44.11 .001		

(continued)

BREC End-Use and Energy Efficiency Survey (December 2007)

Table 5: What type of residence do you live in? Excluding a basement, is it:

All MCRECC respondents

	Income						Overall Satisfaction		Age of home						Primary heating source			
	Total	< \$15K	\$15K-\$25K	\$25K-\$40K	\$40-\$75K	> \$75K	Less than satis.	Satis.	<5 yrs	5-10	11-20	21-30	31-50	50+ yrs	Elec. furn.	HP/ geoth.	NG furn.	Prop. furn.
Unweighted Base	300	40	30	54	72	60	53	247	23	47	64	64	61	38	70	59	33	60
Base	300	40	30	54	72	60	53	247	23	47	64	64	61	38	70	59	33	60
A single-story home	158 52.7%	13 32.5%	12 40.0%	32 59.3%	35 48.6%	34 56.7%	20 37.7%	138 55.9%	14 60.9%	20 42.6%	30 46.9%	36 56.3%	43 70.5%	14 36.8%	29 41.4%	30 50.8%	16 48.5%	42 70.0%
A multi-story home	67 22.3%	2 5.0%	8 26.7%	7 13.0%	22 30.6%	20 33.3%	11 20.8%	56 22.7%	6 26.1%	7 14.9%	11 17.2%	14 21.9%	6 9.8%	23 60.5%	3 4.3%	24 40.7%	11 33.3%	9 15.0%
A mobile home	49 16.3%	15 37.5%	8 26.7%	10 18.5%	11 15.3%	3 5.0%	17 32.1%	32 13.0%	3 13.0%	9 19.1%	14 21.9%	11 17.2%	9 14.8%	1 2.6%	24 34.3%	1 1.7%	2 6.1%	6 10.0%
A modular home	16 5.3%	1 2.5%	2 6.7%	4 7.4%	4 5.6%	3 5.0%	4 7.5%	12 4.9%	0 0.0%	10 21.3%	3 4.7%	1 1.6%	2 3.3%	0 0.0%	9 12.9%	2 3.4%	1 3.0%	3 5.0%
A condominium, duplex or apartment	10 3.3%	9 22.5%	0 0.0%	1 1.9%	0 0.0%	0 0.0%	1 1.9%	9 3.6%	0 0.0%	1 2.1%	6 9.4%	2 3.1%	1 1.6%	0 0.0%	5 7.1%	2 3.4%	3 9.1%	0 0.0%
Chi Square				76.05 .001			13.56 .009				81.58 .001					67.27 .001		

BREC End-Use and Energy Efficiency Survey (December 2007)

Table 6: What is the main source of heat for your residence?

All MCRECC respondents

	Gender		Financial burden of the electric bill			Number of people in the home					Length of time served by co-op					
	Total	Male	Female	Not too much	Some	Quite a bit	1	2	3	4	5+	<5 yrs.	5-10	11-15	16-25	>25 yrs.
Unweighted Base	300	162	138	151	112	36	48	148	49	38	17	35	53	22	57	133
Base	300	162	138	151	112	36	48	148	49	38	17	35	53	22	57	133
Electric	154	84	70	74	56	24	16	83	23	22	10	19	33	19	26	57
	51.7%	52.2%	51.1%	49.3%	50.5%	66.7%	34.0%	56.1%	46.9%	57.9%	62.5%	55.9%	63.5%	86.4%	45.6%	42.9%
Electric furnace	70	34	36	29	27	14	10	35	10	13	2	12	18	11	8	21
	23.5%	21.1%	26.3%	19.3%	24.3%	38.9%	21.3%	23.6%	20.4%	34.2%	12.5%	35.3%	34.6%	50.0%	14.0%	15.8%
Electric ceiling cable	9	5	4	-	6	0	2	3	2	1	1	1	1	0	0	7
	3.0%	3.1%	2.9%	2.0%	5.4%	0.0%	4.3%	2.0%	4.1%	2.6%	6.3%	2.9%	1.9%	0.0%	0.0%	5.3%
Electric baseboard	3	1	2	2	0	1	0	2	0	0	1	0	0	1	0	2
	1.0%	0.6%	1.5%	1.3%	0.0%	2.8%	0.0%	1.4%	0.0%	0.0%	6.3%	0.0%	0.0%	4.5%	0.0%	1.5%
Geothermal	2	2	0	0	1	1	0	1	0	0	1	0	1	0	0	1
	0.7%	1.2%	0.0%	0.0%	0.9%	2.8%	0.0%	0.7%	0.0%	0.0%	6.3%	0.0%	1.9%	0.0%	0.0%	0.8%
Electric wall heaters	10	3	7	1	6	3	0	7	3	0	0	1	0	1	5	3
	3.4%	1.9%	5.1%	0.7%	5.4%	8.3%	0.0%	4.7%	6.1%	0.0%	0.0%	2.9%	0.0%	4.5%	8.8%	2.3%
Heat pump/dual-fuel system	57	37	20	---	15	5	3	33	8	8	5	5	12	5	13	22
	19.1%	23.0%	14.6%	24.7%	13.5%	13.9%	6.4%	22.3%	16.3%	21.1%	31.3%	14.7%	23.1%	22.7%	22.8%	16.5%
Electric space heaters	3	2	1	++	-	0	1	2	0	0	0	0	1	1	0	1
	1.0%	1.2%	0.7%	1.3%	0.9%	0.0%	2.1%	1.4%	0.0%	0.0%	0.0%	0.0%	1.9%	4.5%	0.0%	0.8%
Gas	113	56	57	61	43	8	25	50	20	15	3	13	17	3	25	55
	37.9%	34.8%	41.6%	40.7%	38.7%	22.2%	53.2%	33.8%	40.8%	39.5%	18.8%	38.2%	32.7%	13.6%	43.9%	41.4%
Natural gas furnace	33	13	20	18	13	2	10	11	6	5	1	5	5	0	7	16
	11.1%	8.1%	14.6%	12.0%	11.7%	5.6%	21.3%	7.4%	12.2%	13.2%	6.3%	14.7%	9.6%	0.0%	12.3%	12.0%

(continued)

BREC End-Use and Energy Efficiency Survey (December 2007)

Table 6: What is the main source of heat for your residence?

(continued)

All MCRECC respondents

	Gender		Financial burden of the electric bill			Number of people in the home					Length of time served by co-op					
	Total	Male	Female	Not too much	Some	Quite a bit	1	2	3	4	5+	<5 yrs.	5-10	11-15	16-25	>25 yrs.
Unweighted Base	300	162	138	151	112	36	48	148	49	38	17	35	53	22	57	133
Base	300	162	138	151	112	36	48	148	49	38	17	35	53	22	57	133
Propane/natural gas space heaters	17 5.7%	6 3.7%	11 8.0%	3 2.0%	9 8.1%	4 11.1%	4 8.5%	9 6.1%	2 4.1%	1 2.6%	1 6.3%	0 0.0%	4 7.7%	2 9.1%	4 7.0%	7 5.3%
Propane furnace	60 20.1%	35 21.7%	25 18.2%	39 26.0%	19 17.1%	2 5.6%	11 23.4%	30 20.3%	11 22.4%	7 18.4%	1 6.3%	7 20.6%	8 15.4%	1 4.5%	12 21.1%	32 24.1%
Gas pack	1 0.3%	1 0.6%	0 0.0%	1 0.7%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	1 2.6%	0 0.0%	1 2.9%	0 0.0%	0 0.0%	0 0.0%	0 0.0%
Natural gas logs	2 0.7%	1 0.6%	1 0.7%	0 0.0%	2 1.8%	0 0.0%	0 0.0%	0 0.0%	1 2.0%	1 2.6%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	2 3.5%	0 0.0%
Other	30 10.1%	20 12.4%	10 7.3%	14 9.3%	12 10.8%	4 11.1%	6 12.8%	15 10.1%	5 10.2%	1 2.6%	3 18.8%	2 5.9%	2 3.8%	0 0.0%	6 10.5%	20 15.0%
Wood, coal, or kerosene	29 9.7%	19 11.8%	10 7.3%	13 8.7%	12 10.8%	4 11.1%	6 12.8%	14 9.5%	5 10.2%	1 2.6%	3 18.8%	2 5.9%	2 3.8%	0 0.0%	5 8.8%	20 15.0%
Fuel oil	1 0.3%	1 0.6%	0 0.0%	1 0.7%	0 0.0%	0 0.0%	0 0.0%	1 0.7%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	1 1.8%	0 0.0%
Not applicable	1 0.3%	1 0.6%	0 0.0%	1 0.7%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	1 2.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	1 0.8%
None; it's a summer home	1 0.3%	1 0.6%	0 0.0%	1 0.7%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	1 2.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	1 0.8%

(continued)

BREC End-Use and Energy Efficiency Survey (December 2007)

Table 6: What is the main source of heat for your residence?

(continued)

All MCRECC respondents

	Gender		Financial burden of the electric bill			Number of people in the home					Length of time served by co-op					
	Total	Male	Female	Not too much	Some	Quite a bit	1	2	3	4	5+	<5 yrs.	5-10	11-15	16-25	>25 yrs.
Unweighted Base	300	162	138	151	112	36	48	148	49	38	17	35	53	22	57	133
Base	300	162	138	151	112	36	48	148	49	38	17	35	53	22	57	133
No Response	2	1	1	1	1	0	1	0	0	0	1	1	1	0	0	0
Chi Square		18.10		48.37				64.00					81.91			
		.202		.010				.216					.014			

(continued)

BREC End-Use and Energy Efficiency Survey (December 2007)

Table 6: What is the main source of heat for your residence?

All MCRECC respondents

	Total	Age					Type of home				Education				
		18-34	35-44	45-54	55-64	65+	Single-story	Multi-story	Mobile	Other	<HS grad	HS grad	Some college	College grad	Post college
Unweighted Base	300	26	41	67	75	85	158	67	49	26	52	144	60	25	16
Base	300	26	41	67	75	85	158	67	49	26	52	144	60	25	16
Electric	154	17	19	45	28	40	76	29	30	19	25	72	35	12	8
	51.7%	68.0%	46.3%	67.2%	37.8%	47.1%	48.1%	43.3%	63.8%	73.1%	49.0%	50.3%	58.3%	48.0%	50.0%
Electric furnace	70	12	5	24	9	18	29	3	24	14	17	33	16	2	1
	23.5%	48.0%	12.2%	35.8%	12.2%	21.2%	18.4%	4.5%	51.1%	53.8%	33.3%	23.1%	26.7%	8.0%	6.3%
Electric ceiling cable	9	0	0	2	3	3	9	0	0	0	0	6	2	0	1
	3.0%	0.0%	0.0%	3.0%	4.1%	3.5%	5.7%	0.0%	0.0%	0.0%	0.0%	4.2%	3.3%	0.0%	6.3%
Electric baseboard	3	0	1	0	1	1	1	0	2	0	0	3	0	0	0
	1.0%	0.0%	2.4%	0.0%	1.4%	1.2%	0.6%	0.0%	4.3%	0.0%	0.0%	2.1%	0.0%	0.0%	0.0%
Geothermal	2	0	1	0	0	1	0	2	0	0	1	0	1	0	0
	0.7%	0.0%	2.4%	0.0%	0.0%	1.2%	0.0%	3.0%	0.0%	0.0%	2.0%	0.0%	1.7%	0.0%	0.0%
Electric wall heaters	10	0	2	4	0	4	6	2	1	1	2	5	2	1	0
	3.4%	0.0%	4.9%	6.0%	0.0%	4.7%	3.8%	3.0%	2.1%	3.8%	3.9%	3.5%	3.3%	4.0%	0.0%
Heat pump/dual-fuel system	57	5	10	13	15	12	30	22	1	4	5	23	13	9	6
	19.1%	20.0%	24.4%	19.4%	20.3%	14.1%	19.0%	32.8%	2.1%	15.4%	9.8%	16.1%	21.7%	36.0%	37.5%
Electric space heaters	3	0	0	2	0	1	1	0	2	0	0	2	1	0	0
	1.0%	0.0%	0.0%	3.0%	0.0%	1.2%	0.6%	0.0%	4.3%	0.0%	0.0%	1.4%	1.7%	0.0%	0.0%
Gas	113	6	17	20	36	33	66	29	11	7	16	61	19	9	7
	37.9%	24.0%	41.5%	29.9%	48.6%	38.8%	41.8%	43.3%	23.4%	26.9%	31.4%	42.7%	31.7%	36.0%	43.8%
Natural gas furnace	33	3	5	6	8	11	16	11	2	4	3	18	8	2	2
	11.1%	12.0%	12.2%	9.0%	10.8%	12.9%	10.1%	16.4%	4.3%	15.4%	5.9%	12.6%	13.3%	8.0%	12.5%

(continued)

BREC End-Use and Energy Efficiency Survey (December 2007)

Table 6: What is the main source of heat for your residence?

(continued)

All MCRECC respondents

	Age						Type of home				Education				
	Total	18-34	35-44	45-54	55-64	65+	Single-story	Multi-story	Mobile	Other	<HS grad	HS grad	Some college	College grad	Post college
Unweighted Base	300	26	41	67	75	85	158	67	49	26	52	144	60	25	16
Base	300	26	41	67	75	85	158	67	49	26	52	144	60	25	16
Propane/natural gas space heaters	17 5.7%	1 4.0%	3 7.3%	1 1.5%	5 6.8%	7 8.2%	6 3.8%	9 13.4%	2 4.3%	0 0.0%	4 7.8%	9 6.3%	3 5.0%	1 4.0%	0 0.0%
Propane furnace	60 20.1%	1 4.0%	8 19.5%	12 17.9%	23 31.1%	15 17.6%	42 26.6%	9 13.4%	6 12.8%	3 11.5%	9 17.6%	32 22.4%	8 13.3%	6 24.0%	4 25.0%
Gas pack	1 0.3%	1 4.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	1 0.6%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	1 6.3%
Natural gas logs	2 0.7%	0 0.0%	1 2.4%	1 1.5%	0 0.0%	0 0.0%	1 0.6%	0 0.0%	1 2.1%	0 0.0%	0 0.0%	2 1.4%	0 0.0%	0 0.0%	0 0.0%
Other	30 10.1%	2 8.0%	5 12.2%	1 1.5%	10 13.5%	12 14.1%	15 9.5%	9 13.4%	6 12.8%	0 0.0%	10 19.6%	9 6.3%	6 10.0%	4 16.0%	1 6.3%
Wood, coal, or kerosene	29 9.7%	2 8.0%	5 12.2%	1 1.5%	10 13.5%	11 12.9%	15 9.5%	9 13.4%	5 10.6%	0 0.0%	10 19.6%	8 5.6%	6 10.0%	4 16.0%	1 6.3%
Fuel oil	1 0.3%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	1 1.2%	0 0.0%	0 0.0%	1 2.1%	0 0.0%	0 0.0%	1 0.7%	0 0.0%	0 0.0%	0 0.0%
Not applicable	1 0.3%	0 0.0%	0 0.0%	1 1.5%	0 0.0%	0 0.0%	1 0.6%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	1 0.7%	0 0.0%	0 0.0%	0 0.0%
None; it's a summer home	1 0.3%	0 0.0%	0 0.0%	1 1.5%	0 0.0%	0 0.0%	1 0.6%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	1 0.7%	0 0.0%	0 0.0%	0 0.0%

(continued)

BREC End-Use and Energy Efficiency Survey (December 2007)

Table 6: What is the main source of heat for your residence?

(continued)

All MCRECC respondents

	Age					Type of home				Education					
	Total	18-34	35-44	45-54	55-64	65+	Single-story	Multi-story	Mobile	Other	<HS grad	HS grad	Some college	College grad	Post college
Unweighted Base	300	26	41	67	75	85	158	67	49	26	52	144	60	25	16
Base	300	26	41	67	75	85	158	67	49	26	52	144	60	25	16
No Response	2	1	0	0	1	0	0	0	2	0	1	1	0	0	0
Chi Square				75.09				112.43					65.16		
				.045				.001					.188		

(continued)

BREC End-Use and Energy Efficiency Survey (December 2007)

Table 6: What is the main source of heat for your residence?

All MCRECC respondents

	Income					Overall Satisfaction		Age of home						Primary heating source				
	Total	< \$15K	\$15K-\$25K	\$25K-\$40K	\$40-\$75K	> \$75K	Less than satis.	Satis.	<5 yrs	5-10	11-20	21-30	31-50	50+ yrs	Elec. furn.	HP/ geoth.	NG furn.	Prop. furn.
Unweighted Base	300	40	30	54	72	60	53	247	23	47	64	64	61	38	70	59	33	60
Base	300	40	30	54	72	60	53	247	23	47	64	64	61	38	70	59	33	60
Electric	154	16	17	28	35	36	28	126	15	31	37	36	26	8	70	59	0	0
	51.7%	42.1%	56.7%	51.9%	48.6%	60.0%	53.8%	51.2%	65.2%	67.4%	57.8%	57.1%	42.6%	21.1%	100.0%	100.0%	0.0%	0.0%
										++				--	+++	+++		
Electric furnace	70	13	5	15	13	14	13	57	3	23	18	17	6	2	70	0	0	0
	23.5%	34.2%	16.7%	27.8%	18.1%	23.3%	25.0%	23.2%	13.0%	50.0%	28.1%	27.0%	9.8%	5.3%	100.0%	0.0%	0.0%	0.0%
		+								+++			--	--	+++	+++		
Electric ceiling cable	9	0	3	1	1	1	0	9	1	0	0	2	6	0	0	0	0	0
	3.0%	0.0%	10.0%	1.9%	1.4%	1.7%	0.0%	3.7%	4.3%	0.0%	0.0%	3.2%	9.8%	0.0%	0.0%	0.0%	0.0%	0.0%
			++										+++					
Electric baseboard	3	0	1	0	1	0	0	3	0	0	1	0	1	1	0	0	0	0
	1.0%	0.0%	3.3%	0.0%	1.4%	0.0%	0.0%	1.2%	0.0%	0.0%	1.6%	0.0%	1.6%	2.6%	0.0%	0.0%	0.0%	0.0%
Geothermal	2	0	0	1	1	0	0	2	0	0	2	0	0	0	0	2	0	0
	0.7%	0.0%	0.0%	1.9%	1.4%	0.0%	0.0%	0.8%	0.0%	0.0%	3.1%	0.0%	0.0%	0.0%	0.0%	3.4%	0.0%	0.0%
											+++				+++			
Electric wall heaters	10	1	3	1	1	0	3	7	0	0	1	2	5	2	0	0	0	0
	3.4%	2.6%	10.0%	1.9%	1.4%	0.0%	5.8%	2.8%	0.0%	0.0%	1.6%	3.2%	8.2%	5.3%	0.0%	0.0%	0.0%	0.0%
			++										++					
Heat pump/dual-fuel system	57	2	4	10	17	20	11	46	11	7	15	14	7	3	0	57	0	0
	19.1%	5.3%	13.3%	18.5%	23.6%	33.3%	21.2%	18.7%	47.8%	15.2%	23.4%	22.2%	11.5%	7.9%	0.0%	96.6%	0.0%	0.0%
		--				+++							-	-	+++			
Electric space heaters	3	0	1	0	1	1	1	2	0	1	0	1	1	0	0	0	0	0
	1.0%	0.0%	3.3%	0.0%	1.4%	1.7%	1.9%	0.8%	0.0%	2.2%	0.0%	1.6%	1.6%	0.0%	0.0%	0.0%	0.0%	0.0%

(continued)

BREC End-Use and Energy Efficiency Survey (December 2007)

Table 6: What is the main source of heat for your residence?

(continued)

All MCRECC respondents

	Income					Overall Satisfaction		Age of home						Primary heating source				
	Total	< \$15K	\$15K-\$25K	\$25K-\$40K	\$40-\$75K	> \$75K	Less than satis.	Satis.	<5 yrs	5-10	11-20	21-30	31-50	50+ yrs	Elec. furn.	HP/ geoth.	NG furn.	Prop. furn.
Unweighted Base	300	40	30	54	72	60	53	247	23	47	64	64	61	38	70	59	33	60
Base	300	40	30	54	72	60	53	247	23	47	64	64	61	38	70	59	33	60
Gas	113	14	11	23	28	21	19	94	8	12	22	23	25	22	0	0	33	60
	37.9%	36.8%	36.7%	42.6%	38.9%	35.0%	36.5%	38.2%	34.8%	26.1%	34.4%	36.5%	41.0%	57.9%	0.0%	0.0%	100.0%	100.0%
										-				+++			+++	+++
Natural gas furnace	33	4	6	7	8	5	3	30	1	3	7	6	6	9	0	0	33	0
	11.1%	10.5%	20.0%	13.0%	11.1%	8.3%	5.8%	12.2%	4.3%	6.5%	10.9%	9.5%	9.8%	23.7%	0.0%	0.0%	100.0%	0.0%
														+++			+++	+++
Propane/natural gas space heaters	17	4	3	4	1	3	2	15	1	0	2	2	4	8	0	0	0	0
	5.7%	10.5%	10.0%	7.4%	1.4%	5.0%	3.8%	6.1%	4.3%	0.0%	3.1%	3.2%	6.6%	21.1%	0.0%	0.0%	0.0%	0.0%
														+++			+++	+++
Propane furnace	60	6	2	12	18	11	13	47	5	9	12	15	14	5	0	0	0	60
	20.1%	15.8%	6.7%	22.2%	25.0%	18.3%	25.0%	19.1%	21.7%	19.6%	18.8%	23.8%	23.0%	13.2%	0.0%	0.0%	0.0%	100.0%
			-															+++
Gas pack	1	0	0	0	0	1	0	1	1	0	0	0	0	0	0	0	0	0
	0.3%	0.0%	0.0%	0.0%	0.0%	1.7%	0.0%	0.4%	4.3%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
						++												
Natural gas logs	2	0	0	0	1	1	1	1	0	0	1	0	1	0	0	0	0	0
	0.7%	0.0%	0.0%	0.0%	1.4%	1.7%	1.9%	0.4%	0.0%	0.0%	1.6%	0.0%	1.6%	0.0%	0.0%	0.0%	0.0%	0.0%
Other	30	8	2	3	9	2	5	25	0	3	5	3	10	8	0	0	0	0
	10.1%	21.1%	6.7%	5.6%	12.5%	3.3%	9.6%	10.2%	0.0%	6.5%	7.8%	4.8%	16.4%	21.1%	0.0%	0.0%	0.0%	0.0%
		++				-							+	++				

(continued)

BREC End-Use and Energy Efficiency Survey (December 2007)

Table 6: What is the main source of heat for your residence?

(continued)

All MCRECC respondents

	Income					Overall Satisfaction		Age of home						Primary heating source				
	Total	< \$15K	\$15K-\$25K	\$25K-\$40K	\$40-\$75K	> \$75K	Less than satis.	Satis.	<5 yrs	5-10	11-20	21-30	31-50	50+ yrs	Elec. furn.	HP/ geoth.	NG furn.	Prop. furn.
Unweighted Base	300	40	30	54	72	60	53	247	23	47	64	64	61	38	70	59	33	60
Base	300	40	30	54	72	60	53	247	23	47	64	64	61	38	70	59	33	60
Wood, coal, or kerosene	29	8	2	2	9	2	5	24	0	3	5	2	10	8	0	0	0	0
	9.7%	21.1%	6.7%	3.7%	12.5%	3.3%	9.6%	9.8%	0.0%	6.5%	7.8%	3.2%	16.4%	21.1%	0.0%	0.0%	0.0%	0.0%
Fuel oil	1	0	0	1	0	0	0	1	0	0	0	1	0	0	0	0	0	0
	0.3%	0.0%	0.0%	1.9%	0.0%	0.0%	0.0%	0.4%	0.0%	0.0%	0.0%	1.6%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
Not applicable	1	0	0	0	0	1	0	1	0	0	0	1	0	0	0	0	0	0
	0.3%	0.0%	0.0%	0.0%	0.0%	1.7%	0.0%	0.4%	0.0%	0.0%	0.0%	1.6%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
None; it's a summer home	1	0	0	0	0	1	0	1	0	0	0	1	0	0	0	0	0	0
	0.3%	0.0%	0.0%	0.0%	0.0%	1.7%	0.0%	0.4%	0.0%	0.0%	0.0%	1.6%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
No Response	2	2	0	0	0	0	1	1	0	1	0	1	0	0	0	0	0	0
Chi Square				75.14			9.60				139.91						666.00	
				.045			.791				.001						.001	

BREC End-Use and Energy Efficiency Survey (December 2007)

Table 7: What is the main source of cooling for your home?

All MCRECC respondents

	Gender		Financial burden of the electric bill			Number of people in the home					Length of time served by co-op					
	Total	Male	Female	Not too much	Some	Quite a bit	1	2	3	4	5+	<5 yrs.	5-10	11-15	16-25	>25 yrs.
Unweighted Base	300	162	138	151	112	36	48	148	49	38	17	35	53	22	57	133
Base	300	162	138	151	112	36	48	148	49	38	17	35	53	22	57	133
Central air unit with a separate heating system (not heat pumps, but cold air is distributed through duct work)	169 56.7%	86 53.1%	83 61.0%	82 54.7%	65 58.6%	21 58.3%	28 58.3%	84 57.1%	26 53.1%	26 68.4%	5 31.3%	23 67.6%	30 56.6%	14 66.7%	27 47.4%	75 56.4%
Window air conditioners	61 20.5%	30 18.5%	31 22.8%	24 16.0%	29 26.1%	8 22.2%	14 29.2%	24 16.3%	14 28.6%	4 10.5%	5 31.3%	6 17.6%	9 17.0%	2 9.5%	15 26.3%	29 21.8%
Heat pump (air-source, geothermal, ground coupled, and dual-fuel systems)	58 19.5%	38 23.5%	20 14.7%	37 24.7%	15 13.5%	6 16.7%	3 6.3%	34 23.1%	8 16.3%	8 21.1%	5 31.3%	5 14.7%	12 22.6%	5 23.8%	12 21.1%	24 18.0%
Not cooled/open windows	6 2.0%	4 2.5%	2 1.5%	4 2.7%	2 1.8%	0 0.0%	1 2.1%	3 2.0%	1 2.0%	0 0.0%	1 6.3%	0 0.0%	1 1.9%	0 0.0%	2 3.5%	3 2.3%
Electric fan(s)	4 1.3%	4 2.5%	0 0.0%	3 2.0%	0 0.0%	1 2.8%	2 4.2%	2 1.4%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	1 1.9%	0 0.0%	1 1.8%	2 1.5%
No Response	2	0	2	1	1	0	0	1	0	0	1	1	0	1	0	0

(continued)

BREC End-Use and Energy Efficiency Survey (December 2007)

Table 7: What is the main source of cooling for your home?

All MCRECC respondents

	Total	Age					Type of home				Education				
		18-34	35-44	45-54	55-64	65+	Single-story	Multi-story	Mobile	Other	<HS grad	HS grad	Some college	College grad	Post college
Unweighted Base	300	26	41	67	75	85	158	67	49	26	52	144	60	25	16
Base	300	26	41	67	75	85	158	67	49	26	52	144	60	25	16
Central air unit with a separate heating system (not heat pumps, but cold air is distributed through duct work)	169 56.7%	16 64.0%	20 48.8%	43 65.2%	43 57.3%	44 51.8%	95 60.1%	27 40.3%	26 55.3%	21 80.8%	28 54.9%	84 58.7%	33 55.0%	13 52.0%	9 56.3%
Window air conditioners	61 20.5%	4 16.0%	9 22.0%	10 15.2%	13 17.3%	24 28.2%	28 17.7%	14 20.9%	18 38.3%	1 3.8%	14 27.5%	32 22.4%	12 20.0%	3 12.0%	0 0.0%
Heat pump (air-source, geothermal, ground coupled, and dual-fuel systems)	58 19.5%	5 20.0%	10 24.4%	12 18.2%	15 20.0%	14 16.5%	29 18.4%	24 35.8%	1 2.1%	4 15.4%	7 13.7%	23 16.1%	12 20.0%	9 36.0%	6 37.5%
Not cooled/open windows	6 2.0%	0 0.0%	2 4.9%	1 1.5%	2 2.7%	1 1.2%	5 3.2%	1 1.5%	0 0.0%	0 0.0%	1 2.0%	2 1.4%	3 5.0%	0 0.0%	0 0.0%
Electric fan(s)	4 1.3%	0 0.0%	0 0.0%	0 0.0%	2 2.7%	2 2.4%	1 0.6%	1 1.5%	2 4.3%	0 0.0%	1 2.0%	2 1.4%	0 0.0%	0 0.0%	1 6.3%
No Response	2	1	0	1	0	0	0	0	2	0	1	1	0	0	0

(continued)

BREC End-Use and Energy Efficiency Survey (December 2007)

Table 7: What is the main source of cooling for your home?

All MCRECC respondents

	Income						Overall Satisfaction		Age of home						Primary heating source			
	Total	< \$15K	\$15K-\$25K	\$25K-\$40K	\$40-\$75K	> \$75K	Less than satis.	Satis.	<5 yrs	5-10	11-20	21-30	31-50	50+ yrs	Elec. furn.	HP/ geoth.	NG furn.	Prop. furn.
Unweighted Base	300	40	30	54	72	60	53	247	23	47	64	64	61	38	70	59	33	60
Base	300	40	30	54	72	60	53	247	23	47	64	64	61	38	70	59	33	60
Central air unit with a separate heating system (not heat pumps, but cold air is distributed through duct work)	169 56.7%	20 51.3%	12 40.0%	34 63.0%	48 67.6%	31 51.7%	27 52.9%	142 57.5%	11 47.8%	36 78.3%	39 60.9%	34 54.0%	35 57.4%	12 31.6%	64 91.4%	0 0.0%	26 78.8%	52 86.7%
Window air conditioners	61 20.5%	12 30.8%	13 43.3%	9 16.7%	5 7.0%	8 13.3%	12 23.5%	49 19.8%	1 4.3%	3 6.5%	6 9.4%	14 22.2%	17 27.9%	19 50.0%	6 8.6%	0 0.0%	7 21.2%	7 11.7%
Heat pump (air-source, geothermal, ground coupled, and dual-fuel systems)	58 19.5%	2 5.1%	5 16.7%	10 18.5%	17 23.9%	20 33.3%	11 21.6%	47 19.0%	11 47.8%	7 15.2%	16 25.0%	14 22.2%	7 11.5%	3 7.9%	0 0.0%	57 96.6%	0 0.0%	0 0.0%
Not cooled/open windows	6 2.0%	2 5.1%	0 0.0%	1 1.9%	1 1.4%	0 0.0%	1 2.0%	5 2.0%	0 0.0%	0 0.0%	2 3.1%	0 0.0%	1 1.6%	3 7.9%	0 0.0%	2 3.4%	0 0.0%	0 0.0%
Electric fan(s)	4 1.3%	3 7.7%	0 0.0%	0 0.0%	0 0.0%	1 1.7%	0 0.0%	4 1.6%	0 0.0%	0 0.0%	1 1.6%	1 1.6%	1 1.6%	1 2.6%	0 0.0%	0 0.0%	0 0.0%	1 1.7%
No Response	2	1	0	0	1	0	2	0	0	1	0	1	0	0	0	0	0	0

BREC End-Use and Energy Efficiency Survey (December 2007)

Table 8: What fuel do you use for your water heater?

All MCRECC respondents

	Total	Gender		Financial burden of the electric bill			Number of people in the home					Length of time served by co-op				
		Male	Female	Not too much	Some	Quite a bit	1	2	3	4	5+	<5 yrs.	5-10	11-15	16-25	>25 yrs.
Unweighted Base	300	162	138	151	112	36	48	148	49	38	17	35	53	22	57	133
Base	300	162	138	151	112	36	48	148	49	38	17	35	53	22	57	133
Electric	252 84.0%	132 81.5%	120 87.0%	121 80.1%	98 87.5%	32 88.9%	40 83.3%	126 85.1%	45 91.8%	26 68.4%	15 88.2%	27 77.1%	45 84.9%	21 95.5%	49 86.0%	110 82.7%
Propane	28 9.3%	20 12.3%	8 5.8%	19 12.6%	7 6.3%	2 5.6%	4 8.3%	14 9.5%	2 4.1%	8 21.1%	0 0.0%	3 8.6%	6 11.3%	1 4.5%	6 10.5%	12 9.0%
Natural gas	15 5.0%	7 4.3%	8 5.8%	8 5.3%	5 4.5%	2 5.6%	3 6.3%	5 3.4%	2 4.1%	4 10.5%	1 5.9%	3 8.6%	2 3.8%	0 0.0%	1 1.8%	9 6.8%
Wood	4 1.3%	3 1.9%	1 0.7%	2 1.3%	2 1.8%	0 0.0%	0 0.0%	3 2.0%	0 0.0%	0 0.0%	1 5.9%	1 2.9%	0 0.0%	0 0.0%	1 1.8%	2 1.5%
None; is a summer home	1 0.3%	0 0.0%	1 0.7%	1 0.7%	0 0.0%	0 0.0%	1 2.1%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	1 2.9%	0 0.0%	0 0.0%	0 0.0%	0 0.0%
							++					+++				

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BREC End-Use and Energy Efficiency Survey (December 2007)

Table 8: What fuel do you use for your water heater?

All MCRECC respondents

	Age						Type of home				Education				
	Total	18-34	35-44	45-54	55-64	65+	Single-story	Multi-story	Mobile	Other	<HS grad	HS grad	Some college	College grad	Post college
Unweighted Base	300	26	41	67	75	85	158	67	49	26	52	144	60	25	16
Base	300	26	41	67	75	85	158	67	49	26	52	144	60	25	16
Electric	252 84.0%	20 76.9%	33 80.5%	61 91.0%	59 78.7%	74 87.1%	131 82.9%	51 76.1%	47 95.9%	23 88.5%	47 90.4%	119 82.6%	54 90.0%	16 64.0%	13 81.3%
Propane	28 9.3%	4 15.4%	6 14.6%	4 6.0%	11 14.7%	3 3.5%	18 11.4%	8 11.9%	1 2.0%	1 3.8%	3 5.8%	12 8.3%	2 3.3%	8 32.0%	3 18.8%
Natural gas	15 5.0%	2 7.7%	1 2.4%	2 3.0%	4 5.3%	6 7.1%	7 4.4%	5 7.5%	1 2.0%	2 7.7%	2 3.8%	9 6.3%	3 5.0%	1 4.0%	0 0.0%
Wood	4 1.3%	0 0.0%	1 2.4%	0 0.0%	1 1.3%	2 2.4%	1 0.6%	3 4.5%	0 0.0%	0 0.0%	0 0.0%	3 2.1%	1 1.7%	0 0.0%	0 0.0%
None; is a summer home	1 0.3%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	1 0.6%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	1 0.7%	0 0.0%	0 0.0%	0 0.0%

(continued)

BREC End-Use and Energy Efficiency Survey (December 2007)

Table 8: What fuel do you use for your water heater?

All MCRECC respondents

	Income					Overall Satisfaction		Age of home						Primary heating source				
	Total	< \$15K	\$15K-\$25K	\$25K-\$40K	\$40-\$75K	> \$75K	Less than satis.	Satis.	<5 yrs	5-10	11-20	21-30	31-50	50+ yrs	Elec. furn.	HP/ geoth.	NG furn.	Prop. furn.
Unweighted Base	300	40	30	54	72	60	53	247	23	47	64	64	61	38	70	59	33	60
Base	300	40	30	54	72	60	53	247	23	47	64	64	61	38	70	59	33	60
Electric	252 84.0%	37 92.5%	25 83.3%	45 83.3%	62 86.1%	46 76.7%	47 88.7%	205 83.0%	17 73.9%	39 83.0%	57 89.1%	53 82.8%	54 88.5%	30 78.9%	68 97.1%	55 93.2%	18 54.5%	43 71.7%
Propane	28 9.3%	2 5.0%	1 3.3%	6 11.1%	5 6.9%	10 16.7%	4 7.5%	24 9.7%	5 21.7%	3 6.4%	5 7.8%	8 12.5%	3 4.9%	4 10.5%	1 1.4%	4 6.8%	1 3.0%	17 28.3%
Natural gas	15 5.0%	1 2.5%	3 10.0%	3 5.6%	3 4.2%	4 6.7%	1 1.9%	14 5.7%	0 0.0%	3 6.4%	2 3.1%	3 4.7%	4 6.6%	2 5.3%	1 1.4%	0 0.0%	14 42.4%	0 0.0%
Wood	4 1.3%	0 0.0%	1 3.3%	0 0.0%	2 2.8%	0 0.0%	1 1.9%	3 1.2%	0 0.0%	2 4.3%	0 0.0%	0 0.0%	0 0.0%	2 5.3%	0 0.0%	0 0.0%	0 0.0%	0 0.0%
None; is a summer home	1 0.3%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	1 0.4%	1 4.3%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%

BREC End-Use and Energy Efficiency Survey (December 2007)

Table 9: Approximately, how old is your home?

All MCRECC respondents

	Gender		Financial burden of the electric bill			Number of people in the home					Length of time served by co-op					
	Total	Male	Female	Not too much	Some	Quite a bit	1	2	3	4	5+	<5 yrs.	5-10	11-15	16-25	>25 yrs.
Unweighted Base	300	162	138	151	112	36	48	148	49	38	17	35	53	22	57	133
Base	300	162	138	151	112	36	48	148	49	38	17	35	53	22	57	133
One year or less	4 1.3%	3 1.9%	1 0.7%	2 1.3%	1 0.9%	1 2.8%	1 2.1%	0 0.0%	1 2.0%	1 2.6%	1 5.9%	2 5.7%	1 1.9%	0 0.0%	1 1.8%	0 0.0%
2-4 years	19 6.3%	10 6.2%	9 6.5%	11 7.3%	7 6.3%	1 2.8%	1 2.1%	7 4.7%	4 8.2%	7 18.4%	0 0.0%	7 20.0%	4 7.5%	0 0.0%	5 8.8%	3 2.3%
5-7 years	19 6.3%	8 4.9%	11 8.0%	8 5.3%	10 8.9%	1 2.8%	2 4.2%	8 5.4%	3 6.1%	4 10.5%	2 11.8%	4 11.4%	7 13.2%	2 9.1%	2 3.5%	4 3.0%
8-10 years	28 9.3%	14 8.6%	14 10.1%	15 9.9%	9 8.0%	4 11.1%	2 4.2%	18 12.2%	2 4.1%	3 7.9%	3 17.6%	4 11.4%	12 22.6%	1 4.5%	2 3.5%	9 6.8%
11-20 years	64 21.3%	39 24.1%	25 18.1%	36 23.8%	19 17.0%	9 25.0%	11 22.9%	28 18.9%	12 24.5%	8 21.1%	5 29.4%	7 20.0%	10 18.9%	12 54.5%	15 26.3%	20 15.0%
21-30 years	64 21.3%	34 21.0%	30 21.7%	30 19.9%	25 22.3%	9 25.0%	11 22.9%	37 25.0%	10 20.4%	5 13.2%	1 5.9%	6 17.1%	8 15.1%	5 22.7%	16 28.1%	29 21.8%
31-40 years	39 13.0%	23 14.2%	16 11.6%	18 11.9%	15 13.4%	5 13.9%	7 14.6%	22 14.9%	6 12.2%	4 10.5%	0 0.0%	0 0.0%	3 5.7%	1 4.5%	8 14.0%	27 20.3%
41-50 years	22 7.3%	11 6.8%	11 8.0%	9 6.0%	10 8.9%	3 8.3%	5 10.4%	11 7.4%	2 4.1%	1 2.6%	3 17.6%	0 0.0%	1 1.9%	1 4.5%	4 7.0%	16 12.0%
More than 50 years old	38 12.7%	18 11.1%	20 14.5%	20 13.2%	15 13.4%	3 8.3%	8 16.7%	16 10.8%	9 18.4%	4 10.5%	1 5.9%	2 5.7%	7 13.2%	0 0.0%	4 7.0%	25 18.8%
Don't know	3 1.0%	2 1.2%	1 0.7%	2 1.3%	1 0.9%	0 0.0%	0 0.0%	1 0.7%	0 0.0%	1 2.6%	1 5.9%	3 8.6%	0 0.0%	0 0.0%	0 0.0%	0 0.0%

(continued)

BREC End-Use and Energy Efficiency Survey (December 2007)

Table 9: Approximately, how old is your home?

(continued)

All MCRECC respondents

	Total	Gender		Financial burden of the electric bill			Number of people in the home					Length of time served by co-op				
		Male	Female	Not too much	Some	Quite a bit	1	2	3	4	5+	<5 yrs.	5-10	11-15	16-25	>25 yrs.
Unweighted Base	300	162	138	151	112	36	48	148	49	38	17	35	53	22	57	133
Base	300	162	138	151	112	36	48	148	49	38	17	35	53	22	57	133
Chi Square			4.64		8.42				47.76					117.47		
			.864		.972				.091					.001		

(continued)

BREC End-Use and Energy Efficiency Survey (December 2007)

Table 9: Approximately, how old is your home?

All MCRECC respondents

	Age						Type of home				Education				
	Total	18-34	35-44	45-54	55-64	65+	Single-story	Multi-story	Mobile	Other	<HS grad	HS grad	Some college	College grad	Post college
Unweighted Base	300	26	41	67	75	85	158	67	49	26	52	144	60	25	16
Base	300	26	41	67	75	85	158	67	49	26	52	144	60	25	16
One year or less	4 1.3%	2 7.7%	1 2.4%	0 0.0%	0 0.0%	1 1.2%	2 1.3%	1 1.5%	1 2.0%	0 0.0%	0 0.0%	2 1.4%	0 0.0%	1 4.0%	1 6.3%
2-4 years	19 6.3%	4 15.4%	6 14.6%	1 1.5%	5 6.7%	2 2.4%	12 7.6%	5 7.5%	2 4.1%	0 0.0%	0 0.0%	7 4.9%	7 11.7%	3 12.0%	2 12.5%
5-7 years	19 6.3%	3 11.5%	2 4.9%	6 9.0%	1 1.3%	6 7.1%	4 2.5%	4 6.0%	5 10.2%	6 23.1%	3 5.8%	6 4.2%	8 13.3%	2 8.0%	0 0.0%
8-10 years	28 9.3%	4 15.4%	3 7.3%	7 10.4%	5 6.7%	8 9.4%	16 10.1%	3 4.5%	4 8.2%	5 19.2%	6 11.5%	16 11.1%	3 5.0%	2 8.0%	1 6.3%
11-20 years	64 21.3%	9 34.6%	13 31.7%	18 26.9%	14 18.7%	10 11.8%	30 19.0%	11 16.4%	14 28.6%	9 34.6%	15 28.8%	29 20.1%	10 16.7%	5 20.0%	4 25.0%
21-30 years	64 21.3%	2 7.7%	7 17.1%	19 28.4%	19 25.3%	15 17.6%	36 22.8%	14 20.9%	11 22.4%	3 11.5%	8 15.4%	31 21.5%	16 26.7%	3 12.0%	6 37.5%
31-40 years	39 13.0%	1 3.8%	2 4.9%	6 9.0%	16 21.3%	14 16.5%	27 17.1%	2 3.0%	7 14.3%	3 11.5%	8 15.4%	23 16.0%	4 6.7%	3 12.0%	0 0.0%
41-50 years	22 7.3%	0 0.0%	2 4.9%	2 3.0%	4 5.3%	13 15.3%	16 10.1%	4 6.0%	2 4.1%	0 0.0%	4 7.7%	9 6.3%	4 6.7%	3 12.0%	1 6.3%
More than 50 years old	38 12.7%	1 3.8%	4 9.8%	7 10.4%	10 13.3%	16 18.8%	14 8.9%	23 34.3%	1 2.0%	0 0.0%	6 11.5%	20 13.9%	8 13.3%	3 12.0%	1 6.3%
Don't know	3 1.0%	0 0.0%	1 2.4%	1 1.5%	1 1.3%	0 0.0%	1 0.6%	0 0.0%	2 4.1%	0 0.0%	2 3.8%	1 0.7%	0 0.0%	0 0.0%	0 0.0%
Chi Square				72.02 .001				81.74 .001				42.39 .215			

(continued)

BREC End-Use and Energy Efficiency Survey (December 2007)

Table 9: Approximately, how old is your home?

All MCRECC respondents

	Income						Overall Satisfaction		Age of home						Primary heating source			
	Total	< \$15K	\$15K-\$25K	\$25K-\$40K	\$40-\$75K	> \$75K	Less than satis.	Satis.	<5 yrs	5-10	11-20	21-30	31-50	50+ yrs	Elec. furn.	HP/ geoth.	NG furn.	Prop. furn.
Unweighted Base	300	40	30	54	72	60	53	247	23	47	64	64	61	38	70	59	33	60
Base	300	40	30	54	72	60	53	247	23	47	64	64	61	38	70	59	33	60
One year or less	4 1.3%	0 0.0%	0 0.0%	1 1.9%	1 1.4%	2 3.3%	2 3.8%	2 0.8%	4 17.4%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	3 5.1%	0 0.0%	0 0.0%
2-4 years	19 6.3%	0 0.0%	0 0.0%	6 11.1%	4 5.6%	5 8.3%	4 7.5%	15 6.1%	19 82.6%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	3 4.3%	8 13.6%	1 3.0%	5 8.3%
5-7 years	19 6.3%	2 5.0%	2 6.7%	2 3.7%	8 11.1%	3 5.0%	5 9.4%	14 5.7%	0 0.0%	19 40.4%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	14 20.0%	2 3.4%	1 3.0%	1 1.7%
8-10 years	28 9.3%	3 7.5%	4 13.3%	6 11.1%	9 12.5%	3 5.0%	4 7.5%	24 9.7%	0 0.0%	28 59.6%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	9 12.9%	5 8.5%	2 6.1%	8 13.3%
11-20 years	64 21.3%	9 22.5%	5 16.7%	13 24.1%	13 18.1%	16 26.7%	11 20.8%	53 21.5%	0 0.0%	0 0.0%	64 100.0%	0 0.0%	0 0.0%	0 0.0%	18 25.7%	17 28.8%	7 21.2%	12 20.0%
21-30 years	64 21.3%	7 17.5%	6 20.0%	12 22.2%	15 20.8%	15 25.0%	9 17.0%	55 22.3%	0 0.0%	0 0.0%	0 0.0%	64 100.0%	0 0.0%	0 0.0%	17 24.3%	14 23.7%	6 18.2%	15 25.0%
31-40 years	39 13.0%	8 20.0%	3 10.0%	4 7.4%	8 11.1%	10 16.7%	10 18.9%	29 11.7%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	39 63.9%	0 0.0%	5 7.1%	5 8.5%	2 6.1%	10 16.7%
41-50 years	22 7.3%	3 7.5%	2 6.7%	5 9.3%	6 8.3%	1 1.7%	3 5.7%	19 7.7%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	22 36.1%	0 0.0%	1 1.4%	2 3.4%	4 12.1%	4 6.7%
More than 50 years old	38 12.7%	7 17.5%	7 23.3%	4 7.4%	8 11.1%	5 8.3%	4 7.5%	34 13.8%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	38 100.0%	2 2.9%	3 5.1%	9 27.3%	5 8.3%

(continued)

BREC End-Use and Energy Efficiency Survey (December 2007)

Table 9: Approximately, how old is your home?

(continued)

All MCRECC respondents

	Income					Overall Satisfaction		Age of home						Primary heating source				
	Total	< \$15K	\$15K-\$25K	\$25K-\$40K	\$40-\$75K	> \$75K	Less than satis.	Satis.	<5 yrs	5-10	11-20	21-30	31-50	50+ yrs	Elec. furn.	HP/ geoth.	NG furn.	Prop. furn.
Unweighted Base	300	40	30	54	72	60	53	247	23	47	64	64	61	38	70	59	33	60
Base	300	40	30	54	72	60	53	247	23	47	64	64	61	38	70	59	33	60
Don't know	3	1	1	1	0	0	1	2	0	0	0	0	0	0	1	0	1	0
	1.0%	2.5%	3.3%	1.9%	0.0%	0.0%	1.9%	0.8%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	1.4%	0.0%	3.0%	0.0%
Chi Square				34.25			8.59				1000+				63.83			
				.552			.476				.001				.001			

BREC End-Use and Energy Efficiency Survey (December 2007)

Table 10: Next, I'm going to read some descriptive phrases and would like for you to tell me which energy source you believe best applies to each one. Please consider all energy sources—even if one or more are not readily available to you at the moment. Here's the first: Is the most comfortable way to heat a home. Would you say that phrase applies best to:

All MCRECC respondents

	Gender		Financial burden of the electric bill			Number of people in the home					Length of time served by co-op					
	Total	Male	Female	Not too much	Some	Quite a bit	1	2	3	4	5+	<5 yrs.	5-10	11-15	16-25	>25 yrs.
Unweighted Base	300	162	138	151	112	36	48	148	49	38	17	35	53	22	57	133
Base	300	162	138	151	112	36	48	148	49	38	17	35	53	22	57	133
Electricity (includes geothermal and heat pump)	152 50.7%	78 48.1%	74 53.6%	76 50.3%	51 45.5%	24 66.7% ++	22 45.8%	82 55.4%	26 53.1%	19 50.0%	3 17.6%	16 45.7%	29 54.7%	12 54.5%	24 42.1%	71 53.4%
Natural gas	68 22.7%	34 21.0%	34 24.6%	32 21.2%	29 25.9%	7 19.4%	13 27.1%	30 20.3%	7 14.3%	10 26.3%	8 47.1%	9 25.7%	11 20.8%	6 27.3%	16 28.1%	26 19.5%
Propane (includes LP—liquid propane)	47 15.7%	31 19.1%	16 11.6%	28 18.5%	17 15.2%	2 5.6%	7 14.6%	21 14.2%	11 22.4%	8 21.1%	0 0.0%	5 14.3%	9 17.0%	1 4.5%	8 14.0%	24 18.0%
Wood	31 10.3%	18 11.1%	13 9.4%	15 9.9%	13 11.6%	3 8.3%	6 12.5%	13 8.8%	5 10.2%	1 2.6%	6 35.3%	4 11.4%	4 7.5%	3 13.6%	8 14.0%	12 9.0%
Kerosene/fuel oil	1 0.3%	0 0.0%	1 0.7%	0 0.0%	1 0.9%	0 0.0%	0 0.0%	1 0.7%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	1 1.8%	0 0.0%
Don't know/no opinion	1 0.3%	1 0.6%	0 0.0%	0 0.0%	1 0.9%	0 0.0%	0 0.0%	1 0.7%	0 0.0%	0 0.0%	0 0.0%	1 2.9% +++	0 0.0%	0 0.0%	0 0.0%	0 0.0%

(continued)

BREC End-Use and Energy Efficiency Survey (December 2007)

Table 10: Next, I'm going to read some descriptive phrases and would like for you to tell me which energy source you believe best applies to each one. Please consider all energy sources—even if one or more are not readily available to you at the moment. Here's the first: Is the most comfortable way to heat a home. Would you say that phrase applies best to:

All MCRECC respondents

	Total	Age					Type of home				Education				
		18-34	35-44	45-54	55-64	65+	Single-story	Multi-story	Mobile	Other	<HS grad	HS grad	Some college	College grad	Post college
Unweighted Base	300	26	41	67	75	85	158	67	49	26	52	144	60	25	16
Base	300	26	41	67	75	85	158	67	49	26	52	144	60	25	16
Electricity (includes geothermal and heat pump)	152 50.7%	11 42.3%	16 39.0%	36 53.7%	38 50.7%	46 54.1%	72 45.6%	35 52.2%	28 57.1%	17 65.4%	32 61.5%	77 53.5%	23 38.3%	13 52.0%	6 37.5%
Natural gas	68 22.7%	6 23.1%	8 19.5%	17 25.4%	15 20.0%	22 25.9%	41 25.9%	15 22.4%	7 14.3%	5 19.2%	7 13.5%	29 20.1%	21 35.0%	5 20.0%	6 37.5%
Propane (includes LP—liquid propane)	47 15.7%	4 15.4%	8 19.5%	8 11.9%	15 20.0%	11 12.9%	29 18.4%	9 13.4%	6 12.2%	3 11.5%	7 13.5%	23 16.0%	7 11.7%	5 20.0%	3 18.8%
Wood	31 10.3%	5 19.2%	9 22.0%	5 7.5%	7 9.3%	5 5.9%	15 9.5%	8 11.9%	8 16.3%	0 0.0%	6 11.5%	14 9.7%	9 15.0%	1 4.0%	1 6.3%
Kerosene/fuel oil	1 0.3%	0 0.0%	0 0.0%	1 1.5%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	1 3.8%	0 0.0%	1 0.7%	0 0.0%	0 0.0%
Don't know/no opinion	1 0.3%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	1 1.2%	1 0.6%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	1 4.0%	0 0.0%

(continued)

BREC End-Use and Energy Efficiency Survey (December 2007)

Table 10: Next, I'm going to read some descriptive phrases and would like for you to tell me which energy source you believe best applies to each one. Please consider all energy sources—even if one or more are not readily available to you at the moment. Here's the first: Is the most comfortable way to heat a home. Would you say that phrase applies best to:

All MCRECC respondents

	Total	Income					Overall Satisfaction		Age of home						Primary heating source			
		< \$15K	\$15K- \$25K	\$25K- \$40K	\$40- \$75K	> \$75K	Less than satis.	Satis.	<5 yrs	5-10	11-20	21-30	31-50	50+ yrs	Elec. furn.	HP/ geoth.	NG furn.	Prop. furn.
Unweighted Base	300	40	30	54	72	60	53	247	23	47	64	64	61	38	70	59	33	60
Base	300	40	30	54	72	60	53	247	23	47	64	64	61	38	70	59	33	60
Electricity (includes geothermal and heat pump)	152 50.7%	25 62.5%	15 50.0%	25 46.3%	36 50.0%	31 51.7%	26 49.1%	126 51.0%	13 56.5%	28 59.6%	25 39.1%	38 59.4%	29 47.5%	17 44.7%	55 78.6%	37 62.7%	6 18.2%	16 26.7%
Natural gas	68 22.7%	7 17.5%	5 16.7%	14 25.9%	18 25.0%	15 25.0%	10 18.9%	58 23.5%	3 13.0%	8 17.0%	20 31.3%	14 21.9%	15 24.6%	8 21.1%	9 12.9%	14 23.7%	23 69.7%	6 10.0%
Propane (includes LP—liquid propane)	47 15.7%	6 15.0%	5 16.7%	7 13.0%	10 13.9%	10 16.7%	11 20.8%	36 14.6%	4 17.4%	6 12.8%	13 20.3%	7 10.9%	11 18.0%	6 15.8%	1 1.4%	4 6.8%	2 6.1%	31 51.7%
Wood	31 10.3%	2 5.0%	4 13.3%	8 14.8%	8 11.1%	4 6.7%	5 9.4%	26 10.5%	2 8.7%	5 10.6%	6 9.4%	5 7.8%	5 8.2%	7 18.4%	5 7.1%	4 6.8%	2 6.1%	6 10.0%
Kerosene/fuel oil	1 0.3%	0 0.0%	1 3.3%	0 0.0%	0 0.0%	0 0.0%	1 1.9%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	1 1.6%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%
Don't know/no opinion	1 0.3%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	1 0.4%	1 4.3%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	1 1.7%

BREC End-Use and Energy Efficiency Survey (December 2007)

Table 11: Is the cheapest way to heat water for a home. Would you say that phrase applies best to:

All MCRECC respondents

	Gender		Financial burden of the electric bill			Number of people in the home					Length of time served by co-op					
	Total	Male	Female	Not too much	Some	Quite a bit	1	2	3	4	5+	<5 yrs.	5-10	11-15	16-25	>25 yrs.
Unweighted Base	300	162	138	151	112	36	48	148	49	38	17	35	53	22	57	133
Base	300	162	138	151	112	36	48	148	49	38	17	35	53	22	57	133
Electricity (includes geothermal and heat pump)	200 66.7%	101 62.3%	99 71.7%	99 65.6%	74 66.1%	26 72.2%	34 70.8%	101 68.2%	35 71.4%	21 55.3%	9 52.9%	21 60.0%	37 69.8%	14 63.6%	38 66.7%	90 67.7%
Natural gas	54 18.0%	32 19.8%	22 15.9%	26 17.2%	24 21.4%	4 11.1%	7 14.6%	24 16.2%	9 18.4%	8 21.1%	6 35.3%	7 20.0%	11 20.8%	5 22.7%	10 17.5%	21 15.8%
Propane (includes LP—liquid propane)	27 9.0%	16 9.9%	11 8.0%	14 9.3%	9 8.0%	4 11.1%	3 6.3%	14 9.5%	4 8.2%	6 15.8%	0 0.0%	3 8.6%	5 9.4%	1 4.5%	6 10.5%	12 9.0%
Wood	11 3.7%	8 4.9%	3 2.2%	6 4.0%	4 3.6%	1 2.8%	2 4.2%	5 3.4%	1 2.0%	1 2.6%	2 11.8%	1 2.9%	0 0.0%	1 4.5%	3 5.3%	6 4.5%
Solar	4 1.3%	2 1.2%	2 1.4%	4 2.6%	0 0.0%	0 0.0%	2 4.2%	1 0.7%	0 0.0%	1 2.6%	0 0.0%	1 2.9%	0 0.0%	0 0.0%	0 0.0%	3 2.3%
Don't know	4 1.3%	3 1.9%	1 0.7%	2 1.3%	1 0.9%	1 2.8%	0 0.0%	3 2.0%	0 0.0%	1 2.6%	0 0.0%	2 5.7%	0 0.0%	1 4.5%	0 0.0%	1 0.8%

(continued)

BREC End-Use and Energy Efficiency Survey (December 2007)

Table 11: Is the cheapest way to heat water for a home. Would you say that phrase applies best to:

All MCRECC respondents

	Age						Type of home				Education				
	Total	18-34	35-44	45-54	55-64	65+	Single-story	Multi-story	Mobile	Other	<HS grad	HS grad	Some college	College grad	Post college
Unweighted Base	300	26	41	67	75	85	158	67	49	26	52	144	60	25	16
Base	300	26	41	67	75	85	158	67	49	26	52	144	60	25	16
Electricity (includes geothermal and heat pump)	200 66.7%	16 61.5%	25 61.0%	46 68.7%	48 64.0%	61 71.8%	98 62.0%	40 59.7%	40 81.6%	22 84.6%	42 80.8%	98 68.1%	37 61.7%	12 48.0%	8 50.0%
Natural gas	54 18.0%	7 26.9%	9 22.0%	10 14.9%	14 18.7%	12 14.1%	34 21.5%	13 19.4%	4 8.2%	3 11.5%	3 5.8%	26 18.1%	14 23.3%	5 20.0%	6 37.5%
Propane (includes LP—liquid propane)	27 9.0%	3 11.5%	4 9.8%	5 7.5%	8 10.7%	7 8.2%	17 10.8%	6 9.0%	3 6.1%	1 3.8%	4 7.7%	13 9.0%	2 3.3%	6 24.0%	2 12.5%
Wood	11 3.7%	0 0.0%	3 7.3%	3 4.5%	2 2.7%	3 3.5%	5 3.2%	5 7.5%	1 2.0%	0 0.0%	2 3.8%	4 2.8%	4 6.7%	1 4.0%	0 0.0%
Solar	4 1.3%	0 0.0%	0 0.0%	1 1.5%	2 2.7%	1 1.2%	1 0.6%	3 4.5%	0 0.0%	0 0.0%	0 0.0%	2 1.4%	2 3.3%	0 0.0%	0 0.0%
Don't know	4 1.3%	0 0.0%	0 0.0%	2 3.0%	1 1.3%	1 1.2%	3 1.9%	0 0.0%	1 2.0%	0 0.0%	1 1.9%	1 0.7%	1 1.7%	1 4.0%	0 0.0%

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BREC End-Use and Energy Efficiency Survey (December 2007)

Table 11: Is the cheapest way to heat water for a home. Would you say that phrase applies best to:

All MCRECC respondents

	Total	Income					Overall Satisfaction		Age of home							Primary heating source			
		< \$15K	\$15K-\$25K	\$25K-\$40K	\$40-\$75K	> \$75K	Less than satis.	Satis.	<5 yrs	5-10	11-20	21-30	31-50	50+ yrs	Elec. furn.	HP/ geoth.	NG furn.	Prop. furn.	
Unweighted Base	300	40	30	54	72	60	53	247	23	47	64	64	61	38	70	59	33	60	
Base	300	40	30	54	72	60	53	247	23	47	64	64	61	38	70	59	33	60	
Electricity (includes geothermal and heat pump)	200 66.7%	35 87.5%	24 80.0%	40 74.1%	46 63.9%	28 46.7%	39 73.6%	161 65.2%	10 43.5%	32 68.1%	41 64.1%	42 65.6%	45 73.8%	28 73.7%	54 77.1%	37 62.7%	17 51.5%	36 60.0%	
		+++				---									++		-		
Natural gas	54 18.0%	1 2.5%	3 10.0%	9 16.7%	16 22.2%	16 26.7%	9 17.0%	45 18.2%	6 26.1%	10 21.3%	15 23.4%	13 20.3%	8 13.1%	2 5.3%	11 15.7%	14 23.7%	12 36.4%	10 16.7%	
		---				+								--		+++			
Propane (includes LP—liquid propane)	27 9.0%	4 10.0%	0 0.0%	4 7.4%	5 6.9%	10 16.7%	3 5.7%	24 9.7%	4 17.4%	2 4.3%	5 7.8%	5 7.8%	7 11.5%	4 10.5%	3 4.3%	5 8.5%	2 6.1%	9 15.0%	
						++												+	
Wood	11 3.7%	0 0.0%	1 3.3%	1 1.9%	3 4.2%	4 6.7%	0 0.0%	11 4.5%	2 8.7%	2 4.3%	2 3.1%	2 3.1%	0 0.0%	3 7.9%	1 1.4%	2 3.4%	0 0.0%	2 3.3%	
Solar	4 1.3%	0 0.0%	0 0.0%	0 0.0%	2 2.8%	2 3.3%	1 1.9%	3 1.2%	0 0.0%	0 0.0%	0 0.0%	2 3.1%	1 1.6%	1 2.6%	0 0.0%	1 1.7%	1 3.0%	1 1.7%	
Don't know	4 1.3%	0 0.0%	2 6.7%	0 0.0%	0 0.0%	0 0.0%	1 1.9%	3 1.2%	1 4.3%	1 2.1%	1 1.6%	0 0.0%	0 0.0%	0 0.0%	1 1.4%	0 0.0%	1 3.0%	2 3.3%	
			+++																

BREC End-Use and Energy Efficiency Survey (December 2007)

Table 12: Is the most energy-efficient way to heat a home?

All MCRECC respondents

	Gender		Financial burden of the electric bill			Number of people in the home					Length of time served by co-op					
	Total	Male	Female	Not too much	Some	Quite a bit	1	2	3	4	5+	<5 yrs.	5-10	11-15	16-25	>25 yrs.
Unweighted Base	300	162	138	151	112	36	48	148	49	38	17	35	53	22	57	133
Base	300	162	138	151	112	36	48	148	49	38	17	35	53	22	57	133
Electricity (includes geothermal and heat pump)	188 62.7%	97 59.9%	91 65.9%	98 64.9%	68 60.7%	22 61.1%	29 60.4%	99 66.9%	32 65.3%	21 55.3%	7 41.2%	21 60.0%	33 62.3%	15 68.2%	35 61.4%	84 63.2%
Natural gas	50 16.7%	29 17.9%	21 15.2%	23 15.2%	20 17.9%	7 19.4%	9 18.8%	21 14.2%	7 14.3%	8 21.1%	5 29.4%	6 17.1%	9 17.0%	3 13.6%	10 17.5%	22 16.5%
Propane (includes LP—liquid propane)	28 9.3%	19 11.7%	9 6.5%	19 12.6%	7 6.3%	2 5.6%	6 12.5%	10 6.8%	6 12.2%	6 15.8%	0 0.0%	3 8.6%	6 11.3%	1 4.5%	4 7.0%	14 10.5%
Wood	24 8.0%	15 9.3%	9 6.5%	7 4.6%	14 12.5%	3 8.3%	4 8.3%	12 8.1%	4 8.2%	0 0.0%	4 23.5%	2 5.7%	3 5.7%	1 4.5%	6 10.5%	12 9.0%
Solar	6 2.0%	1 0.6%	5 3.6%	4 2.6%	1 0.9%	1 2.8%	0 0.0%	3 2.0%	0 0.0%	3 7.9%	0 0.0%	1 2.9%	1 1.9%	1 4.5%	2 3.5%	1 0.8%
Don't know	4 1.3%	1 0.6%	3 2.2%	0 0.0%	2 1.8%	1 2.8%	0 0.0%	3 2.0%	0 0.0%	0 0.0%	1 5.9%	2 5.7%	1 1.9%	1 4.5%	0 0.0%	0 0.0%

(continued)

BREC End-Use and Energy Efficiency Survey (December 2007)

Table 12: Is the most energy-efficient way to heat a home?

All MCRECC respondents

	Total	Age					Type of home				Education				
		18-34	35-44	45-54	55-64	65+	Single-story	Multi-story	Mobile	Other	<HS grad	HS grad	Some college	College grad	Post college
Unweighted Base	300	26	41	67	75	85	158	67	49	26	52	144	60	25	16
Base	300	26	41	67	75	85	158	67	49	26	52	144	60	25	16
Electricity (includes geothermal and heat pump)	188 62.7%	16 61.5%	24 58.5%	42 62.7%	47 62.7%	55 64.7%	95 60.1%	42 62.7%	32 65.3%	19 73.1%	35 67.3%	91 63.2%	37 61.7%	14 56.0%	10 62.5%
Natural gas	50 16.7%	6 23.1%	5 12.2%	9 13.4%	13 17.3%	15 17.6%	29 18.4%	7 10.4%	9 18.4%	5 19.2%	5 9.6%	28 19.4%	9 15.0%	4 16.0%	3 18.8%
Propane (includes LP—liquid propane)	28 9.3%	2 7.7%	6 14.6%	5 7.5%	9 12.0%	6 7.1%	17 10.8%	8 11.9%	3 6.1%	0 0.0%	4 7.7%	14 9.7%	4 6.7%	3 12.0%	2 12.5%
Wood	24 8.0%	2 7.7%	5 12.2%	5 7.5%	6 8.0%	6 7.1%	12 7.6%	8 11.9%	3 6.1%	1 3.8%	6 11.5%	9 6.3%	6 10.0%	2 8.0%	1 6.3%
Solar	6 2.0%	0 0.0%	0 0.0%	5 7.5%	0 0.0%	1 1.2%	3 1.9%	2 3.0%	0 0.0%	1 3.8%	1 1.9%	1 0.7%	3 5.0%	1 4.0%	0 0.0%
Don't know	4 1.3%	0 0.0%	1 2.4%	1 1.5%	0 0.0%	2 2.4%	2 1.3%	0 0.0%	2 4.1%	0 0.0%	1 1.9%	1 0.7%	1 1.7%	1 4.0%	0 0.0%

(continued)

BREC End-Use and Energy Efficiency Survey (December 2007)

Table 12: Is the most energy-efficient way to heat a home?

All MCRECC respondents

	Total	Income					Overall Satisfaction		Age of home						Primary heating source			
		< \$15K	\$15K-\$25K	\$25K-\$40K	\$40-\$75K	> \$75K	Less than satis.	Satis.	<5 yrs	5-10	11-20	21-30	31-50	50+ yrs	Elec. furn.	HP/ geoth.	NG furn.	Prop. furn.
Unweighted Base	300	40	30	54	72	60	53	247	23	47	64	64	61	38	70	59	33	60
Base	300	40	30	54	72	60	53	247	23	47	64	64	61	38	70	59	33	60
Electricity (includes geothermal and heat pump)	188 62.7%	27 67.5%	22 73.3%	32 59.3%	49 68.1%	37 61.7%	30 56.6%	158 64.0%	12 52.2%	31 66.0%	34 53.1%	48 75.0%	39 63.9%	22 57.9%	55 78.6%	46 78.0%	19 57.6%	29 48.3%
Natural gas	50 16.7%	6 15.0%	3 10.0%	12 22.2%	12 16.7%	10 16.7%	10 18.9%	40 16.2%	5 21.7%	9 19.1%	15 23.4%	6 9.4%	11 18.0%	4 10.5%	8 11.4%	6 10.2%	11 33.3%	12 20.0%
Propane (includes LP—liquid propane)	28 9.3%	4 10.0%	2 6.7%	3 5.6%	4 5.6%	7 11.7%	8 15.1%	20 8.1%	3 13.0%	1 2.1%	9 14.1%	5 7.8%	5 8.2%	5 13.2%	0 0.0%	3 5.1%	1 3.0%	15 25.0%
Wood	24 8.0%	3 7.5%	1 3.3%	5 9.3%	7 9.7%	3 5.0%	5 9.4%	19 7.7%	2 8.7%	4 8.5%	3 4.7%	4 6.3%	5 8.2%	6 15.8%	2 2.9%	3 5.1%	1 3.0%	3 5.0%
Solar	6 2.0%	0 0.0%	1 3.3%	1 1.9%	0 0.0%	3 5.0%	0 0.0%	6 2.4%	0 0.0%	2 4.3%	2 3.1%	1 1.6%	0 0.0%	1 2.6%	4 5.7%	1 1.7%	1 3.0%	0 0.0%
Don't know	4 1.3%	0 0.0%	1 3.3%	1 1.9%	0 0.0%	0 0.0%	0 0.0%	4 1.6%	1 4.3%	0 0.0%	1 1.6%	0 0.0%	1 1.6%	0 0.0%	1 1.4%	0 0.0%	0 0.0%	1 1.7%

BREC End-Use and Energy Efficiency Survey (December 2007)

Table 13: Who do you typically go to for advice regarding issues or concerns you might have about energy efficiency, energy use, or heating and cooling products?

All MCRECC respondents

	Gender		Financial burden of the electric bill			Number of people in the home					Length of time served by co-op					
	Total	Male	Female	Not too much	Some	Quite a bit	1	2	3	4	5+	<5 yrs.	5-10	11-15	16-25	>25 yrs.
Unweighted Base	300	162	138	151	112	36	48	148	49	38	17	35	53	22	57	133
Base	300	162	138	151	112	36	48	148	49	38	17	35	53	22	57	133
Electric cooperative/RECC magazine	106 35.6%	50 31.1%	56 40.9%	52 34.9%	43 38.4%	11 30.6%	17 35.4%	54 36.5%	21 43.8%	10 27.0%	4 23.5%	14 41.2%	14 26.4%	6 27.3%	21 36.8%	51 38.6%
Heating or air conditioning equipment contractor/HVAC contractor/HVAC repairman	66 22.1%	36 22.4%	30 21.9%	33 22.1%	23 20.5%	10 27.8%	8 16.7%	32 21.6%	11 22.9%	10 27.0%	5 29.4%	6 17.6%	14 26.4%	4 18.2%	14 24.6%	28 21.2%
A friend or family member/myself	47 15.8%	21 13.0%	26 19.0%	21 14.1%	20 17.9%	6 16.7%	9 18.8%	24 16.2%	6 12.5%	6 16.2%	2 11.8%	7 20.6%	7 13.2%	4 18.2%	11 19.3%	18 13.6%
The Internet	43 14.4%	29 18.0%	14 10.2%	25 16.8%	14 12.5%	4 11.1%	3 6.3%	22 14.9%	8 16.7%	9 24.3%	1 5.9%	7 20.6%	9 17.0%	3 13.6%	12 21.1%	12 9.1%
A national chain store that sells appliances, such as Lowe's, Home Depot, Sears, etc.	21 7.0%	14 8.7%	7 5.1%	11 7.4%	8 7.1%	2 5.6%	3 6.3%	11 7.4%	4 8.3%	2 5.4%	1 5.9%	2 5.9%	5 9.4%	3 13.6%	1 1.8%	10 7.6%
Gas company	19 6.4%	13 8.1%	6 4.4%	10 6.7%	5 4.5%	3 8.3%	5 10.4%	11 7.4%	1 2.1%	0 0.0%	2 11.8%	2 5.9%	5 9.4%	0 0.0%	1 1.8%	11 8.3%
A locally owned appliance/equipment dealer	15 5.0%	9 5.6%	6 4.4%	8 5.4%	6 5.4%	1 2.8%	2 4.2%	6 4.1%	4 8.3%	1 2.7%	2 11.8%	1 2.9%	3 5.7%	0 0.0%	3 5.3%	8 6.1%
Building contractor/general contractor/builder	12 4.0%	6 3.7%	6 4.4%	7 4.7%	4 3.6%	1 2.8%	3 6.3%	6 4.1%	0 0.0%	2 5.4%	1 5.9%	1 2.9%	4 7.5%	3 13.6%	0 0.0%	4 3.0%
Phonebook/magazines/brochure s/various books/newspaper	8 2.7%	5 3.1%	3 2.2%	5 3.4%	2 1.8%	1 2.8%	1 2.1%	5 3.4%	1 2.1%	1 2.7%	0 0.0%	1 2.9%	0 0.0%	1 4.5%	2 3.5%	4 3.0%

(continued)

BREC End-Use and Energy Efficiency Survey (December 2007)

Table 13: Who do you typically go to for advice regarding issues or concerns you might have about energy efficiency, energy use, or heating and cooling products?

(continued)

All MCRECC respondents

	Gender		Financial burden of the electric bill			Number of people in the home					Length of time served by co-op					
	Total	Male	Female	Not too much	Some	Quite a bit	1	2	3	4	5+	<5 yrs.	5-10	11-15	16-25	>25 yrs.
Unweighted Base	300	162	138	151	112	36	48	148	49	38	17	35	53	22	57	133
Base	300	162	138	151	112	36	48	148	49	38	17	35	53	22	57	133
Electrician	6 2.0%	2 1.2%	4 2.9%	2 1.3%	3 2.7%	1 2.8%	1 2.1%	4 2.7%	1 2.1%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	1 4.5%	1 1.8%	4 3.0%
Consumers Report	4 1.3%	2 1.2%	2 1.5%	3 2.0%	1 0.9%	0 0.0%	0 0.0%	4 2.7%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	2 3.8%	0 0.0%	2 3.5%	0 0.0%
Landlord/apartment supervisor	3 1.0%	0 0.0%	3 2.2%	1 0.7%	2 1.8%	0 0.0%	3 6.3%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	1 1.9%	0 0.0%	0 0.0%	2 1.5%
No one	2 0.7%	1 0.6%	1 0.7%	1 0.7%	0 0.0%	1 2.8%	0 0.0%	2 1.4%	0 0.0%	0 0.0%	0 0.0%	1 2.9%	0 0.0%	0 0.0%	0 0.0%	1 0.8%
Appliance label/Energy Star	1 0.3%	1 0.6%	0 0.0%	0 0.0%	1 0.9%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	1 2.7%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	1 1.8%	0 0.0%
Community action business designed to answer questions	1 0.3%	1 0.6%	0 0.0%	1 0.7%	0 0.0%	0 0.0%	1 2.1%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	1 4.5%	0 0.0%	0 0.0%
Library	1 0.3%	1 0.6%	0 0.0%	0 0.0%	1 0.9%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	1 2.7%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	1 1.8%	0 0.0%
Don't know	3 1.0%	0 0.0%	3 2.2%	0 0.0%	2 1.8%	1 2.8%	0 0.0%	2 1.4%	0 0.0%	1 2.7%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	1 1.8%	2 1.5%
No Response	2	1	1	2	0	0	0	0	1	1	0	1	0	0	0	1

(continued)

BREC End-Use and Energy Efficiency Survey (December 2007)

Table 13: Who do you typically go to for advice regarding issues or concerns you might have about energy efficiency, energy use, or heating and cooling products?

All MCRECC respondents

	Total	Age					Type of home				Education				
		18-34	35-44	45-54	55-64	65+	Single-story	Multi-story	Mobile	Other	<HS grad	HS grad	Some college	College grad	Post college
Unweighted Base	300	26	41	67	75	85	158	67	49	26	52	144	60	25	16
Base	300	26	41	67	75	85	158	67	49	26	52	144	60	25	16
Electric cooperative/RECC magazine	106 35.6%	7 26.9%	11 26.8%	21 32.3%	28 37.3%	36 42.4%	53 33.8%	22 33.3%	18 36.7%	13 50.0%	20 39.2%	54 37.8%	20 33.3%	6 24.0%	4 25.0%
Heating or air conditioning equipment contractor/HVAC contractor/HVAC repairman	66 22.1%	5 19.2%	9 22.0%	14 21.5%	21 28.0%	16 18.8%	42 26.8%	13 19.7%	9 18.4%	2 7.7%	12 23.5%	32 22.4%	12 20.0%	7 28.0%	3 18.8%
A friend or family member/myself	47 15.8%	7 26.9%	8 19.5%	8 12.3%	9 12.0%	13 15.3%	23 14.6%	11 16.7%	7 14.3%	6 23.1%	7 13.7%	21 14.7%	13 21.7%	3 12.0%	2 12.5%
The Internet	43 14.4%	4 15.4%	11 26.8%	11 16.9%	10 13.3%	6 7.1%	25 15.9%	11 16.7%	4 8.2%	3 11.5%	3 5.9%	12 8.4%	18 30.0%	5 20.0%	5 31.3%
A national chain store that sells appliances, such as Lowe's, Home Depot, Sears, etc.	21 7.0%	3 11.5%	0 0.0%	8 12.3%	7 9.3%	3 3.5%	10 6.4%	4 6.1%	6 12.2%	1 3.8%	2 3.9%	11 7.7%	6 10.0%	2 8.0%	0 0.0%
Gas company	19 6.4%	0 0.0%	1 2.4%	2 3.1%	4 5.3%	12 14.1%	11 7.0%	5 7.6%	3 6.1%	0 0.0%	3 5.9%	9 6.3%	3 5.0%	2 8.0%	1 6.3%
A locally owned appliance/equipment dealer	15 5.0%	1 3.8%	3 7.3%	3 4.6%	3 4.0%	5 5.9%	9 5.7%	4 6.1%	1 2.0%	1 3.8%	2 3.9%	10 7.0%	2 3.3%	0 0.0%	1 6.3%
Building contractor/general contractor/builder	12 4.0%	0 0.0%	2 4.9%	2 3.1%	4 5.3%	3 3.5%	5 3.2%	6 9.1%	1 2.0%	0 0.0%	1 2.0%	4 2.8%	4 6.7%	3 12.0%	0 0.0%
Phonebook/magazines/brochure s/various books/newspaper	8 2.7%	0 0.0%	0 0.0%	1 1.5%	1 1.3%	6 7.1%	3 1.9%	5 7.6%	0 0.0%	0 0.0%	1 2.0%	2 1.4%	1 1.7%	2 8.0%	2 12.5%
Electrician	6 2.0%	0 0.0%	2 4.9%	1 1.5%	2 2.7%	1 1.2%	4 2.5%	1 1.5%	1 2.0%	0 0.0%	1 2.0%	5 3.5%	0 0.0%	0 0.0%	0 0.0%

(continued)

BREC End-Use and Energy Efficiency Survey (December 2007)

Table 13: Who do you typically go to for advice regarding issues or concerns you might have about energy efficiency, energy use, or heating and cooling products?

(continued)

All MCRECC respondents

	Total	Age					Type of home				Education				
		18-34	35-44	45-54	55-64	65+	Single-story	Multi-story	Mobile	Other	<HS grad	HS grad	Some college	College grad	Post college
Unweighted Base	300	26	41	67	75	85	158	67	49	26	52	144	60	25	16
Base	300	26	41	67	75	85	158	67	49	26	52	144	60	25	16
Consumers Report	4 1.3%	0 0.0%	0 0.0%	0 0.0%	1 1.3%	3 3.5% ++	2 1.3%	1 1.5%	0 0.0%	1 3.8%	0 0.0%	1 0.7%	1 1.7%	1 4.0%	1 6.3%
Landlord/apartment supervisor	3 1.0%	0 0.0%	0 0.0%	0 0.0%	1 1.3%	2 2.4%	0 0.0%	0 0.0%	1 2.0%	2 7.7%	2 3.9% ++	1 0.7%	0 0.0%	0 0.0%	0 0.0%
No one	2 0.7%	0 0.0%	0 0.0%	0 0.0%	2 2.7% ++	0 0.0%	0 0.0%	1 1.5%	1 2.0%	0 0.0%	1 2.0%	1 0.7%	0 0.0%	0 0.0%	0 0.0%
Appliance label/Energy Star	1 0.3%	0 0.0%	0 0.0%	1 1.5%	0 0.0%	0 0.0%	1 0.6%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	1 0.7%	0 0.0%	0 0.0%	0 0.0%
Community action business designed to answer questions	1 0.3%	1 3.8%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	1 3.8%	0 0.0%	1 0.7%	0 0.0%	0 0.0%	0 0.0%
Library	1 0.3%	0 0.0%	0 0.0%	1 1.5%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	1 2.0%	0 0.0%	0 0.0%	1 0.7%	0 0.0%	0 0.0%	0 0.0%
Don't know	3 1.0%	0 0.0%	1 2.4%	0 0.0%	1 1.3%	0 0.0%	1 0.6%	2 3.0% +	0 0.0%	0 0.0%	0 0.0%	1 0.7%	0 0.0%	2 8.0%	0 0.0%
No Response	2	0	0	2	0	0	1	1 +	0	0	1	1	0	0	0

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BREC End-Use and Energy Efficiency Survey (December 2007)

Table 13: Who do you typically go to for advice regarding issues or concerns you might have about energy efficiency, energy use, or heating and cooling products?

All MCRECC respondents

	Total	Income					Overall Satisfaction		Age of home						Primary heating source			
		< \$15K	\$15K-\$25K	\$25K-\$40K	\$40-\$75K	> \$75K	Less than satis.	Satis.	<5 yrs	5-10	11-20	21-30	31-50	50+ yrs	Elec. furn.	HP/ geoth.	NG furn.	Prop. furn.
Unweighted Base	300	40	30	54	72	60	53	247	23	47	64	64	61	38	70	59	33	60
Base	300	40	30	54	72	60	53	247	23	47	64	64	61	38	70	59	33	60
Electric cooperative/RECC magazine	106 35.6%	14 35.0%	16 55.2%	18 33.3%	24 33.8%	14 23.3%	20 38.5%	86 35.0%	8 34.8%	13 27.7%	24 37.5%	25 39.1%	19 31.1%	17 45.9%	24 34.3%	15 25.4%	13 40.6%	27 45.8%
Heating or air conditioning equipment contractor/HVAC contractor/HVAC repairman	66 22.1%	10 25.0%	4 13.8%	9 16.7%	18 25.4%	17 28.3%	11 21.2%	55 22.4%	7 30.4%	7 14.9%	13 20.3%	18 28.1%	14 23.0%	7 18.9%	16 22.9%	14 23.7%	8 25.0%	12 20.3%
A friend or family member/myself	47 15.8%	6 15.0%	4 13.8%	12 22.2%	12 16.9%	7 11.7%	7 13.5%	40 16.3%	5 21.7%	12 25.5%	9 14.1%	6 9.4%	8 13.1%	6 16.2%	12 17.1%	8 13.6%	6 18.8%	10 16.9%
The Internet	43 14.4%	1 2.5%	1 3.4%	9 16.7%	10 14.1%	16 26.7%	7 13.5%	36 14.6%	7 30.4%	8 17.0%	13 20.3%	8 12.5%	6 9.8%	1 2.7%	11 15.7%	17 28.8%	2 6.3%	9 15.3%
A national chain store that sells appliances, such as Lowe's, Home Depot, Sears, etc.	21 7.0%	3 7.5%	1 3.4%	4 7.4%	4 5.6%	7 11.7%	7 13.5%	14 5.7%	1 4.3%	2 4.3%	6 9.4%	5 7.8%	4 6.6%	3 8.1%	5 7.1%	2 3.4%	1 3.1%	2 3.4%
Gas company	19 6.4%	3 7.5%	2 6.9%	3 5.6%	2 2.8%	2 3.3%	2 3.8%	17 6.9%	2 8.7%	4 8.5%	3 4.7%	2 3.1%	5 8.2%	3 8.1%	2 2.9%	3 5.1%	3 9.4%	7 11.9%
A locally owned appliance/equipment dealer	15 5.0%	2 5.0%	1 3.4%	3 5.6%	3 4.2%	3 5.0%	4 7.7%	11 4.5%	1 4.3%	4 8.5%	3 4.7%	1 1.6%	5 8.2%	1 2.7%	4 5.7%	4 6.8%	1 3.1%	3 5.1%
Building contractor/general contractor/builder	12 4.0%	1 2.5%	0 0.0%	2 3.7%	2 2.8%	3 5.0%	3 5.8%	9 3.7%	2 8.7%	1 2.1%	3 4.7%	1 1.6%	2 3.3%	3 8.1%	2 2.9%	3 5.1%	0 0.0%	2 3.4%
Phonebook/magazines/brochure s/various books/newspaper	8 2.7%	1 2.5%	0 0.0%	2 3.7%	1 1.4%	3 5.0%	0 0.0%	8 3.3%	0 0.0%	0 0.0%	2 3.1%	2 3.1%	2 3.3%	2 5.4%	0 0.0%	1 1.7%	0 0.0%	2 3.4%

(continued)

BREC End-Use and Energy Efficiency Survey (December 2007)

Table 13: Who do you typically go to for advice regarding issues or concerns you might have about energy efficiency, energy use, or heating and cooling products?

(continued)

All MCRECC respondents

	Total	Income					Overall Satisfaction		Age of home						Primary heating source			
		< \$15K	\$15K-\$25K	\$25K-\$40K	\$40-\$75K	> \$75K	Less than satis.	Satis.	<5 yrs	5-10	11-20	21-30	31-50	50+ yrs	Elec. furn.	HP/ geoth.	NG furn.	Prop. furn.
Unweighted Base	300	40	30	54	72	60	53	247	23	47	64	64	61	38	70	59	33	60
Base	300	40	30	54	72	60	53	247	23	47	64	64	61	38	70	59	33	60
Electrician	6 2.0%	1 2.5%	0 0.0%	1 1.9%	3 4.2%	0 0.0%	1 1.9%	5 2.0%	0 0.0%	0 0.0%	1 1.6%	1 1.6%	3 4.9%	1 2.7%	0 0.0%	1 1.7%	1 3.1%	2 3.4%
Consumers Report	4 1.3%	0 0.0%	0 0.0%	1 1.9%	3 4.2%	0 0.0%	0 0.0%	4 1.6%	0 0.0%	2 4.3%	0 0.0%	2 3.1%	0 0.0%	0 0.0%	1 1.4%	1 1.7%	0 0.0%	1 1.7%
Landlord/apartment supervisor	3 1.0%	3 7.5%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	3 1.2%	0 0.0%	0 0.0%	1 1.6%	1 1.6%	1 1.6%	0 0.0%	1 1.4%	1 1.7%	0 0.0%	0 0.0%
No one	2 0.7%	1 2.5%	1 3.4%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	2 0.8%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	1 2.7%	1 1.4%	0 0.0%	0 0.0%	0 0.0%
Appliance label/Energy Star	1 0.3%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	1 1.7%	0 0.0%	1 0.4%	0 0.0%	0 0.0%	1 1.6%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%
Community action business designed to answer questions	1 0.3%	1 2.5%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	1 0.4%	0 0.0%	1 2.1%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	1 1.4%	0 0.0%	0 0.0%	0 0.0%
Library	1 0.3%	0 0.0%	0 0.0%	1 1.9%	0 0.0%	0 0.0%	1 1.9%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	1 1.6%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	1 1.7%
Don't know	3 1.0%	0 0.0%	0 0.0%	0 0.0%	1 1.4%	0 0.0%	1 1.9%	2 0.8%	0 0.0%	0 0.0%	0 0.0%	1 1.6%	2 3.3%	0 0.0%	0 0.0%	1 1.7%	0 0.0%	0 0.0%
No Response	2	0	1	0	1	0	1	1	0	0	0	0	0	1	0	0	1	1

BREC End-Use and Energy Efficiency Survey (December 2007)

Table 14: On a scale of 1-10, with 10 being "very important" and 1 being "not important at all," what level of importance does your household place on saving energy dollars in your home?

All MCRECC respondents

	Gender		Financial burden of the electric bill			Number of people in the home					Length of time served by co-op					
	Total	Male	Female	Not too much	Some	Quite a bit	1	2	3	4	5+	<5 yrs.	5-10	11-15	16-25	>25 yrs.
Unweighted Base	300	162	138	151	112	36	48	148	49	38	17	35	53	22	57	133
Base	300	162	138	151	112	36	48	148	49	38	17	35	53	22	57	133
<u>Less than important</u>	111	63	48	54	46	11	15	57	19	14	6	15	17	5	25	49
	37.1%	39.1%	34.8%	36.0%	41.1%	30.6%	31.3%	38.5%	38.8%	37.8%	35.3%	44.1%	32.1%	22.7%	43.9%	36.8%
1—not important at all	1	1	0	1	0	0	0	1	0	0	0	0	0	0	1	0
	0.3%	0.6%	0.0%	0.7%	0.0%	0.0%	0.0%	0.7%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	1.8%	0.0%
															++	
3	2	0	2	0	2	0	0	1	1	0	0	2	0	0	0	0
	0.7%	0.0%	1.4%	0.0%	1.8%	0.0%	0.0%	0.7%	2.0%	0.0%	0.0%	5.9%	0.0%	0.0%	0.0%	0.0%
					+							+++				
5	12	5	7	6	5	1	3	4	2	2	1	2	1	0	4	5
	4.0%	3.1%	5.1%	4.0%	4.5%	2.8%	6.3%	2.7%	4.1%	5.4%	5.9%	5.9%	1.9%	0.0%	7.0%	3.8%
6	8	5	3	2	6	0	2	1	1	3	1	1	1	0	2	4
	2.7%	3.1%	2.2%	1.3%	5.4%	0.0%	4.2%	0.7%	2.0%	8.1%	5.9%	2.9%	1.9%	0.0%	3.5%	3.0%
					++			--		++						
7	28	19	9	16	10	2	1	15	6	4	2	3	5	2	6	12
	9.4%	11.8%	6.5%	10.7%	8.9%	5.6%	2.1%	10.1%	12.2%	10.8%	11.8%	8.8%	9.4%	9.1%	10.5%	9.0%
							-									
8	60	33	27	29	23	8	9	35	9	5	2	7	10	3	12	28
	20.1%	20.5%	19.6%	19.3%	20.5%	22.2%	18.8%	23.6%	18.4%	13.5%	11.8%	20.6%	18.9%	13.6%	21.1%	21.1%
<u>Important</u>	188	98	90	96	66	25	33	91	30	23	11	19	36	17	32	84
	62.9%	60.9%	65.2%	64.0%	58.9%	69.4%	68.8%	61.5%	61.2%	62.2%	64.7%	55.9%	67.9%	77.3%	56.1%	63.2%
9	36	21	15	17	14	5	4	19	6	3	4	2	6	3	8	17
	12.0%	13.0%	10.9%	11.3%	12.5%	13.9%	8.3%	12.8%	12.2%	8.1%	23.5%	5.9%	11.3%	13.6%	14.0%	12.8%

(continued)

BREC End-Use and Energy Efficiency Survey (December 2007)

Table 14: On a scale of 1-10, with 10 being "very important" and 1 being "not important at all," what level of importance does your household place on saving energy dollars in your home?

(continued)

All MCRECC respondents

	Gender		Financial burden of the electric bill			Number of people in the home					Length of time served by co-op					
	Total	Male	Female	Not too much	Some	Quite a bit	1	2	3	4	5+	<5 yrs.	5-10	11-15	16-25	>25 yrs.
Unweighted Base	300	162	138	151	112	36	48	148	49	38	17	35	53	22	57	133
Base	300	162	138	151	112	36	48	148	49	38	17	35	53	22	57	133
10—very important	152 50.8%	77 47.8%	75 54.3%	79 52.7%	52 46.4%	20 55.6%	29 60.4%	72 48.6%	24 49.0%	20 54.1%	7 41.2%	17 50.0%	30 56.6%	14 63.6%	24 42.1%	67 50.4%
No Response	1	1	0	1	0	0	0	0	0	1	0	1	0	0	0	0
Chi Square		7.31 .398		11.32 .661			22.32 .766					27.85 .473				

(continued)

BREC End-Use and Energy Efficiency Survey (December 2007)

Table 14: On a scale of 1-10, with 10 being "very important" and 1 being "not important at all," what level of importance does your household place on saving energy dollars in your home?

All MCRECC respondents

	Age						Type of home				Education				
	Total	18-34	35-44	45-54	55-64	65+	Single-story	Multi-story	Mobile	Other	<HS grad	HS grad	Some college	College grad	Post college
Unweighted Base	300	26	41	67	75	85	158	67	49	26	52	144	60	25	16
Base	300	26	41	67	75	85	158	67	49	26	52	144	60	25	16
<u>Less than important</u>	111	14	21	20	19	36	67	26	15	3	16	53	23	10	9
	37.1%	56.0%	51.2%	29.9%	25.3%	42.4%	42.7%	38.8%	30.6%	11.5%	30.8%	36.8%	39.0%	40.0%	56.3%
			++		--		++								
1—not important at all	1	0	0	0	0	1	0	0	1	0	0	1	0	0	0
	0.3%	0.0%	0.0%	0.0%	0.0%	1.2%	0.0%	0.0%	2.0%	0.0%	0.0%	0.7%	0.0%	0.0%	0.0%
									++						
3	2	1	0	0	1	0	2	0	0	0	0	2	0	0	0
	0.7%	4.0%	0.0%	0.0%	1.3%	0.0%	1.3%	0.0%	0.0%	0.0%	0.0%	1.4%	0.0%	0.0%	0.0%
5	12	2	1	1	4	4	6	2	3	1	0	8	1	3	0
	4.0%	8.0%	2.4%	1.5%	5.3%	4.7%	3.8%	3.0%	6.1%	3.8%	0.0%	5.6%	1.7%	12.0%	0.0%
6	8	1	3	1	0	3	4	2	2	0	4	3	1	0	0
	2.7%	4.0%	7.3%	1.5%	0.0%	3.5%	2.5%	3.0%	4.1%	0.0%	7.7%	2.1%	1.7%	0.0%	0.0%
			++								++				
7	28	4	7	6	1	10	15	10	2	1	5	10	3	4	6
	9.4%	16.0%	17.1%	9.0%	1.3%	11.8%	9.6%	14.9%	4.1%	3.8%	9.6%	6.9%	5.1%	16.0%	37.5%
			+		---			+							
8	60	6	10	12	13	18	40	12	7	1	7	29	18	3	3
	20.1%	24.0%	24.4%	17.9%	17.3%	21.2%	25.5%	17.9%	14.3%	3.8%	13.5%	20.1%	30.5%	12.0%	18.8%
							++						++		
<u>Important</u>	188	11	20	47	56	49	90	41	34	23	36	91	36	15	7
	62.9%	44.0%	48.8%	70.1%	74.7%	57.6%	57.3%	61.2%	69.4%	88.5%	69.2%	63.2%	61.0%	60.0%	43.8%
			--		++		--								
9	36	2	6	9	12	7	18	10	4	4	6	17	3	5	4
	12.0%	8.0%	14.6%	13.4%	16.0%	8.2%	11.5%	14.9%	8.2%	15.4%	11.5%	11.8%	5.1%	20.0%	25.0%

(continued)

BREC End-Use and Energy Efficiency Survey (December 2007)

Table 14: On a scale of 1-10, with 10 being "very important" and 1 being "not important at all," what level of importance does your household place on saving energy dollars in your home?

(continued)

All MCRECC respondents

	Age					Type of home				Education					
	Total	18-34	35-44	45-54	55-64	65+	Single-story	Multi-story	Mobile	Other	<HS grad	HS grad	Some college	College grad	Post college
Unweighted Base	300	26	41	67	75	85	158	67	49	26	52	144	60	25	16
Base	300	26	41	67	75	85	158	67	49	26	52	144	60	25	16
10—very important	152 50.8%	9 36.0%	14 34.1%	38 56.7%	44 58.7%	42 49.4%	72 45.9%	31 46.3%	30 61.2%	19 73.1%	30 57.7%	74 51.4%	33 55.9%	10 40.0%	3 18.8%
No Response	1	1	0	0	0	0	1	0	0	0	0	0	1	0	0
Chi Square				34.56 .183				25.90 .210					50.10 .006		

(continued)

BREC End-Use and Energy Efficiency Survey (December 2007)

Table 14: On a scale of 1-10, with 10 being "very important" and 1 being "not important at all," what level of importance does your household place on saving energy dollars in your home?

All MCRECC respondents

	Income					Overall Satisfaction		Age of home					Primary heating source					
	Total	< \$15K	\$15K- \$25K	\$25K- \$40K	\$40- \$75K	> \$75K	Less than satis.	Satis.	<5 yrs	5-10	11-20	21-30	31-50	50+ yrs	Elec. furn.	HP/ geoth.	NG furn.	Prop. furn.
Unweighted Base	300	40	30	54	72	60	53	247	23	47	64	64	61	38	70	59	33	60
Base	300	40	30	54	72	60	53	247	23	47	64	64	61	38	70	59	33	60
Less than important	111	11	12	21	23	27	17	94	8	11	28	27	24	11	22	23	16	21
	37.1%	27.5%	40.0%	38.9%	31.9%	45.8%	32.1%	38.2%	36.4%	23.4%	43.8%	42.2%	39.3%	28.9%	31.4%	39.7%	48.5%	35.0%
1—not important at all	1	0	0	1	0	0	0	1	0	0	0	1	0	0	0	0	0	0
	0.3%	0.0%	0.0%	1.9%	0.0%	0.0%	0.0%	0.4%	0.0%	0.0%	0.0%	1.6%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
				++								+						
3	2	0	0	0	0	0	1	1	0	0	2	0	0	0	1	0	0	1
	0.7%	0.0%	0.0%	0.0%	0.0%	0.0%	1.9%	0.4%	0.0%	0.0%	3.1%	0.0%	0.0%	0.0%	1.4%	0.0%	0.0%	1.7%
											+++							
5	12	3	2	2	2	1	4	8	1	0	2	3	4	2	0	1	4	3
	4.0%	7.5%	6.7%	3.7%	2.8%	1.7%	7.5%	3.3%	4.5%	0.0%	3.1%	4.7%	6.6%	5.3%	0.0%	1.7%	12.1%	5.0%
																	++	
6	8	3	0	0	2	2	4	4	1	1	2	1	3	0	2	3	0	1
	2.7%	7.5%	0.0%	0.0%	2.8%	3.4%	7.5%	1.6%	4.5%	2.1%	3.1%	1.6%	4.9%	0.0%	2.9%	5.2%	0.0%	1.7%
							++	--										
7	28	3	1	5	5	11	3	25	4	2	7	10	3	2	6	8	4	5
	9.4%	7.5%	3.3%	9.3%	6.9%	18.6%	5.7%	10.2%	18.2%	4.3%	10.9%	15.6%	4.9%	5.3%	8.6%	13.8%	12.1%	8.3%
						+++						+						
8	60	2	9	13	14	13	5	55	2	8	15	12	14	7	13	11	8	11
	20.1%	5.0%	30.0%	24.1%	19.4%	22.0%	9.4%	22.4%	9.1%	17.0%	23.4%	18.8%	23.0%	18.4%	18.6%	19.0%	24.2%	18.3%
							--	++										
Important	188	29	18	33	49	32	36	152	14	36	36	37	37	27	48	35	17	39
	62.9%	72.5%	60.0%	61.1%	68.1%	54.2%	67.9%	61.8%	63.6%	76.6%	56.3%	57.8%	60.7%	71.1%	68.6%	60.3%	51.5%	65.0%
											++							

(continued)

BREC End-Use and Energy Efficiency Survey (December 2007)

Table 14: On a scale of 1-10, with 10 being "very important" and 1 being "not important at all," what level of importance does your household place on saving energy dollars in your home?

(continued)

All MCRECC respondents

	Income					Overall Satisfaction		Age of home					Primary heating source					
	Total	< \$15K	\$15K-\$25K	\$25K-\$40K	\$40-\$75K	> \$75K	Less than satis.	Satis.	<5 yrs	5-10	11-20	21-30	31-50	50+ yrs	Elec. furn.	HP/ geoth.	NG furn.	Prop. furn.
Unweighted Base	300	40	30	54	72	60	53	247	23	47	64	64	61	38	70	59	33	60
Base	300	40	30	54	72	60	53	247	23	47	64	64	61	38	70	59	33	60
9	36 12.0%	3 7.5%	4 13.3%	8 14.8%	9 12.5%	7 11.9%	8 15.1%	28 11.4%	3 13.6%	7 14.9%	5 7.8%	6 9.4%	6 9.8%	9 23.7%	6 8.6%	8 13.8%	4 12.1%	8 13.3%
10—very important	152 50.8%	26 65.0%	14 46.7%	25 46.3%	40 55.6%	25 42.4%	28 52.8%	124 50.4%	11 50.0%	29 61.7%	31 48.4%	31 48.4%	31 50.8%	18 47.4%	42 60.0%	27 46.6%	13 39.4%	31 51.7%
No Response	1	0	0	0	0	1	0	1	1	0	0	0	0	0	0	1	0	0
Chi Square				29.80 .373			14.49 .043				34.52 .491					18.68 .605		

BREC End-Use and Energy Efficiency Survey (December 2007)

Table 15: There are lots of ways in which people can reduce energy consumption in their homes. Please list for me all of the things you have done to make your home more energy-efficient or things that you actively do to conserve energy, if any.

All MCRECC respondents

	Gender		Financial burden of the electric bill			Number of people in the home					Length of time served by co-op					
	Total	Male	Female	Not too much	Some	Quite a bit	1	2	3	4	5+	<5 yrs.	5-10	11-15	16-25	>25 yrs.
Unweighted Base	300	162	138	151	112	36	48	148	49	38	17	35	53	22	57	133
Base	300	162	138	151	112	36	48	148	49	38	17	35	53	22	57	133
<u>Weatherizing, Sealing, and Insulating of Home</u>	199	117	82	100	79	20	31	108	28	21	11	20	32	17	38	92
	66.3%	72.2%	59.4%	66.2%	70.5%	55.6%	64.6%	73.0%	57.1%	55.3%	64.7%	57.1%	60.4%	77.3%	66.7%	69.2%
Added insulation to the home	149	95	54	80	55	14	19	86	17	17	10	12	22	11	27	77
	49.7%	58.6%	39.1%	53.0%	49.1%	38.9%	39.6%	58.1%	34.7%	44.7%	58.8%	34.3%	41.5%	50.0%	47.4%	57.9%
Sealed doors and/or windows—caulking, weatherstripping, plastic film, threshold	83	46	37	40	35	8	14	42	15	6	6	11	17	9	16	30
	27.7%	28.4%	26.8%	26.5%	31.3%	22.2%	29.2%	28.4%	30.6%	15.8%	35.3%	31.4%	32.1%	40.9%	28.1%	22.6%
Checked exterior of home for air leaks (dryer vents, water spigots, gas pipes, etc.)	16	9	7	9	6	1	7	6	2	1	0	1	3	3	2	7
	5.3%	5.6%	5.1%	6.0%	5.4%	2.8%	14.6%	4.1%	4.1%	2.6%	0.0%	2.9%	5.7%	13.6%	3.5%	5.3%
Added Masonite siding/new siding	8	4	4	5	3	0	3	3	1	0	1	0	0	0	1	7
	2.7%	2.5%	2.9%	3.3%	2.7%	0.0%	6.3%	2.0%	2.0%	0.0%	5.9%	0.0%	0.0%	0.0%	1.8%	5.3%
Keep outside vents closed	2	0	2	0	0	2	1	0	1	0	0	0	0	0	0	2
	0.7%	0.0%	1.4%	0.0%	0.0%	5.6%	2.1%	0.0%	2.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	1.5%
Added underpinning	2	1	1	2	0	0	1	0	1	0	0	0	0	0	0	2
	0.7%	0.6%	0.7%	1.3%	0.0%	0.0%	2.1%	0.0%	2.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	1.5%
Placed foam gaskets behind outlets and switch plates	1	0	1	0	1	0	0	1	0	0	0	0	0	0	0	1
	0.3%	0.0%	0.7%	0.0%	0.9%	0.0%	0.0%	0.7%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.8%
Enclosed porch with windows	1	0	1	1	0	0	0	0	1	0	0	0	0	0	0	1
	0.3%	0.0%	0.7%	0.7%	0.0%	0.0%	0.0%	0.0%	2.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.8%
Close crawl space in attic	1	1	0	1	0	0	0	1	0	0	0	0	0	0	1	0
	0.3%	0.6%	0.0%	0.7%	0.0%	0.0%	0.0%	0.7%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	1.8%	0.0%

(continued)

BREC End-Use and Energy Efficiency Survey (December 2007)

Table 15: There are lots of ways in which people can reduce energy consumption in their homes. Please list for me all of the things you have done to make your home more energy-efficient or things that you actively do to conserve energy, if any.

(continued)

All MCRECC respondents

	Gender		Financial burden of the electric bill			Number of people in the home					Length of time served by co-op					
	Total	Male	Female	Not too much	Some	Quite a bit	1	2	3	4	5+	<5 yrs.	5-10	11-15	16-25	>25 yrs.
Unweighted Base	300	162	138	151	112	36	48	148	49	38	17	35	53	22	57	133
Base	300	162	138	151	112	36	48	148	49	38	17	35	53	22	57	133
Plastic on windows	1 0.3%	1 0.6%	0 0.0%	0 0.0%	1 0.9%	0 0.0%	0 0.0%	0 0.0%	1 2.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	1 1.8%	0 0.0%
									++						++	
<u>Purchases of Energy-Efficient Appliances/Products</u>	145 48.3%	81 50.0%	64 46.4%	79 52.3%	52 46.4%	13 36.1%	17 35.4%	82 55.4%	21 42.9%	18 47.4%	7 41.2%	13 37.1%	22 41.5%	14 63.6%	24 42.1%	72 54.1%
Replaced windows with more energy-efficient ones	111 37.0%	65 40.1%	46 33.3%	60 39.7%	43 38.4%	7 19.4%	12 25.0%	68 45.9%	13 26.5%	13 34.2%	5 29.4%	7 20.0%	20 37.7%	10 45.5%	16 28.1%	58 43.6%
Replaced other appliances with more energy-efficient ones/energy star appliances	22 7.3%	11 6.8%	11 8.0%	11 7.3%	9 8.0%	2 5.6%	0 0.0%	10 6.8%	4 8.2%	6 15.8%	2 11.8%	6 17.1%	1 1.9%	2 9.1%	8 14.0%	5 3.8%
Replaced doors/ventilated doors/storm doors	18 6.0%	11 6.8%	7 5.1%	10 6.6%	6 5.4%	2 5.6%	3 6.3%	11 7.4%	1 2.0%	2 5.3%	1 5.9%	0 0.0%	0 0.0%	2 9.1%	6 10.5%	10 7.5%
Replaced heating system with more energy-efficient one	12 4.0%	7 4.3%	5 3.6%	4 2.6%	7 6.3%	1 2.8%	1 2.1%	5 3.4%	3 6.1%	2 5.3%	1 5.9%	0 0.0%	1 1.9%	1 4.5%	3 5.3%	7 5.3%
New roof	7 2.3%	4 2.5%	3 2.2%	3 2.0%	2 1.8%	2 5.6%	1 2.1%	2 1.4%	0 0.0%	3 7.9%	1 5.9%	0 0.0%	3 5.7%	2 9.1%	1 1.8%	1 0.8%
Replaced air conditioning system with more energy-efficient one	6 2.0%	2 1.2%	4 2.9%	3 2.0%	3 2.7%	0 0.0%	0 0.0%	2 1.4%	2 4.1%	2 5.3%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	1 1.8%	5 3.8%
Carpet/new floor/replaced floors	4 1.3%	1 0.6%	3 2.2%	3 2.0%	1 0.9%	0 0.0%	1 2.1%	1 0.7%	1 2.0%	1 2.6%	0 0.0%	1 2.9%	0 0.0%	0 0.0%	1 1.8%	2 1.5%
Tankless water heater/energy efficient water heater	3 1.0%	2 1.2%	1 0.7%	3 2.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	3 7.9%	0 0.0%	1 2.9%	1 1.9%	0 0.0%	0 0.0%	1 0.8%
										+++						

(continued)

BREC End-Use and Energy Efficiency Survey (December 2007)

Table 15: There are lots of ways in which people can reduce energy consumption in their homes. Please list for me all of the things you have done to make your home more energy-efficient or things that you actively do to conserve energy, if any.

(continued)

All MCRECC respondents

	Gender		Financial burden of the electric bill			Number of people in the home					Length of time served by co-op					
	Total	Male	Female	Not too much	Some	Quite a bit	1	2	3	4	5+	<5 yrs.	5-10	11-15	16-25	>25 yrs.
Unweighted Base	300	162	138	151	112	36	48	148	49	38	17	35	53	22	57	133
Base	300	162	138	151	112	36	48	148	49	38	17	35	53	22	57	133
Added storm doors or window	23 7.7%	12 7.4%	11 8.0%	12 7.9%	7 6.3%	4 11.1%	3 6.3%	13 8.8%	4 8.2%	1 2.6%	2 11.8%	1 2.9%	2 3.8%	3 13.6%	1 1.8%	16 12.0%
<u>Thermostat and Heating & Cooling</u>	144 48.0%	77 47.5%	67 48.6%	74 49.0%	58 51.8%	12 33.3%	31 64.6%	63 42.6%	24 49.0%	17 44.7%	9 52.9%	17 48.6%	30 56.6%	13 59.1%	22 38.6%	62 46.6%
Keep thermostat set low in winter/high in summer and/or avoid early use of heat or air	72 24.0%	41 25.3%	31 22.5%	36 23.8%	31 27.7%	5 13.9%	14 29.2%	36 24.3%	12 24.5%	7 18.4%	3 17.6%	9 25.7%	13 24.5%	5 22.7%	11 19.3%	34 25.6%
Adjust thermostat when going on vacation/not home/at night	27 9.0%	13 8.0%	14 10.1%	12 7.9%	11 9.8%	4 11.1%	7 14.6%	12 8.1%	5 10.2%	0 0.0%	3 17.6%	4 11.4%	8 15.1%	2 9.1%	4 7.0%	9 6.8%
Close off heat & air to unused parts of the home/close doors to rooms not in use	19 6.3%	6 3.7%	13 9.4%	8 5.3%	9 8.0%	2 5.6%	6 12.5%	4 2.7%	6 12.2%	3 7.9%	0 0.0%	3 8.6%	3 5.7%	0 0.0%	4 7.0%	9 6.8%
Put shades on windows/keep blinds closed/curtains on windows	14 4.7%	6 3.7%	8 5.8%	8 5.3%	6 5.4%	0 0.0%	3 6.3%	5 3.4%	6 12.2%	0 0.0%	0 0.0%	2 5.7%	4 7.5%	0 0.0%	2 3.5%	6 4.5%
Heat with wood	10 3.3%	9 5.6%	1 0.7%	6 4.0%	3 2.7%	1 2.8%	0 0.0%	5 3.4%	2 4.1%	1 2.6%	2 11.8%	0 0.0%	1 1.9%	2 9.1%	2 3.5%	5 3.8%
Installed a programmable thermostat	9 3.0%	4 2.5%	5 3.6%	5 3.3%	4 3.6%	0 0.0%	2 4.2%	3 2.0%	0 0.0%	4 10.5%	0 0.0%	1 2.9%	3 5.7%	2 9.1%	1 1.8%	2 1.5%
Change/clean furnace filters frequently	7 2.3%	3 1.9%	4 2.9%	4 2.6%	3 2.7%	0 0.0%	1 2.1%	4 2.7%	1 2.0%	1 2.6%	0 0.0%	1 2.9%	1 1.9%	1 4.5%	3 5.3%	1 0.8%
Keep thermostat steady	6 2.0%	2 1.2%	4 2.9%	2 1.3%	3 2.7%	1 2.8%	2 4.2%	2 1.4%	0 0.0%	1 2.6%	1 5.9%	2 5.7%	0 0.0%	0 0.0%	0 0.0%	4 3.0%

(continued)

BREC End-Use and Energy Efficiency Survey (December 2007)

Table 15: There are lots of ways in which people can reduce energy consumption in their homes. Please list for me all of the things you have done to make your home more energy-efficient or things that you actively do to conserve energy, if any.

(continued)

All MCRECC respondents

	Gender		Financial burden of the electric bill			Number of people in the home					Length of time served by co-op						
	Total	Male	Female	Not too much	Some	Quite a bit	1	2	3	4	5+	<5 yrs.	5-10	11-15	16-25	>25 yrs.	
Unweighted Base	300	162	138	151	112	36	48	148	49	38	17	35	53	22	57	133	
Base	300	162	138	151	112	36	48	148	49	38	17	35	53	22	57	133	
Use fireplace/gas fireplace/gas logs	4 1.3%	2 1.2%	2 1.4%	1 0.7%	3 2.7%	0 0.0%	2 4.2% +	1 0.7%	0 0.0%	1 2.6%	0 0.0%	0 0.0%	3 5.7% +++	0 0.0%	0 0.0%	0 0.0%	1 0.8%
Use ceiling fans to circulate air	3 1.0%	3 1.9%	0 0.0%	3 2.0% +	0 0.0%	0 0.0%	0 0.0%	2 1.4%	1 2.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	1 1.8%	2 1.5%
Space heater in basement/added space heaters	3 1.0%	0 0.0%	3 2.2% +	2 1.3% +	1 0.9%	0 0.0%	1 2.1%	1 0.7%	1 2.0%	0 0.0%	0 0.0%	1 2.9%	0 0.0%	0 0.0%	0 0.0%	2 3.5% ++	0 0.0%
Use AC sparingly	2 0.7%	1 0.6%	1 0.7%	1 0.7%	1 0.9%	0 0.0%	1 2.1%	1 0.7%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	2 1.5%
Have heating/cooling system inspected regularly	1 0.3%	0 0.0%	1 0.7%	0 0.0%	1 0.9%	0 0.0%	0 0.0%	0 0.0%	1 2.0% ++	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	1 1.8% ++	0 0.0%
Keep furniture and draperies away from vents/heaters	1 0.3%	1 0.6%	0 0.0%	1 0.7%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	1 2.6% +++	0 0.0%	0 0.0%	0 0.0%	1 4.5%	0 0.0%	0 0.0%	
Close off fireplace	1 0.3%	0 0.0%	1 0.7%	0 0.0%	1 0.9%	0 0.0%	0 0.0%	1 0.7%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	1 4.5%	0 0.0%	0 0.0%	
Lighting	131 43.7%	72 44.4%	59 42.8%	68 45.0%	47 42.0%	16 44.4%	20 41.7%	55 37.2%	23 46.9%	23 60.5% ++	10 58.8%	17 48.6%	22 41.5%	11 50.0%	33 57.9%	48 36.1% ++	
Turn the lights off when leaving the room	100 33.3%	49 30.2%	51 37.0%	49 32.5%	38 33.9%	13 36.1%	15 31.3%	44 29.7%	18 36.7%	13 34.2% ++	10 58.8%	14 40.0%	18 34.0%	8 36.4%	23 40.4%	37 27.8% -	

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BREC End-Use and Energy Efficiency Survey (December 2007)

Table 15: There are lots of ways in which people can reduce energy consumption in their homes. Please list for me all of the things you have done to make your home more energy-efficient or things that you actively do to conserve energy, if any.

(continued)

All MCRECC respondents

	Gender		Financial burden of the electric bill			Number of people in the home					Length of time served by co-op					
	Total	Male	Female	Not too much	Some	Quite a bit	1	2	3	4	5+	<5 yrs.	5-10	11-15	16-25	>25 yrs.
Unweighted Base	300	162	138	151	112	36	48	148	49	38	17	35	53	22	57	133
Base	300	162	138	151	112	36	48	148	49	38	17	35	53	22	57	133
Use compact fluorescent light bulbs/energy-efficient bulbs	55 18.3%	34 21.0%	21 15.2%	26 17.2%	23 20.5%	6 16.7%	8 16.7%	18 12.2%	12 24.5%	15 39.5%	2 11.8%	7 20.0%	4 7.5%	5 22.7%	19 33.3%	20 15.0%
Outside lights on timer	2 0.7%	2 1.2%	0 0.0%	2 1.3%	0 0.0%	0 0.0%	0 0.0%	2 1.4%	0 0.0%	0 0.0%	0 0.0%	1 2.9%	1 1.9%	0 0.0%	0 0.0%	0 0.0%
Other	25 8.3%	12 7.4%	13 9.4%	10 6.6%	11 9.8%	4 11.1%	6 12.5%	9 6.1%	6 12.2%	2 5.3%	2 11.8%	3 8.6%	6 11.3%	1 4.5%	4 7.0%	11 8.3%
Unplug appliances when not in use	9 3.0%	6 3.7%	3 2.2%	5 3.3%	4 3.6%	0 0.0%	1 2.1%	2 1.4%	3 6.1%	1 2.6%	2 11.8%	1 2.9%	2 3.8%	0 0.0%	2 3.5%	4 3.0%
Keep outside doors closed/windows closed	9 3.0%	3 1.9%	6 4.3%	3 2.0%	5 4.5%	1 2.8%	3 6.3%	4 2.7%	2 4.1%	0 0.0%	0 0.0%	2 5.7%	2 3.8%	0 0.0%	0 0.0%	5 3.8%
Turn off computer/TV/electronics when not using	3 1.0%	1 0.6%	2 1.4%	0 0.0%	1 0.9%	2 5.6%	1 2.1%	0 0.0%	1 2.0%	1 2.6%	0 0.0%	0 0.0%	2 3.8%	0 0.0%	0 0.0%	1 0.8%
Cook outside/cook things that don't take long/use grill	1 0.3%	0 0.0%	1 0.7%	0 0.0%	0 0.0%	1 2.8%	1 2.1%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	1 0.8%
Built home in the ground	1 0.3%	1 0.6%	0 0.0%	1 0.7%	0 0.0%	0 0.0%	0 0.0%	1 0.7%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	1 1.8%	0 0.0%
Used 2x6 instead of 2x4 when building home	1 0.3%	1 0.6%	0 0.0%	1 0.7%	0 0.0%	0 0.0%	0 0.0%	1 0.7%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	1 1.8%	0 0.0%
Permanently covered patio/roof over deck	1 0.3%	0 0.0%	1 0.7%	0 0.0%	1 0.9%	0 0.0%	0 0.0%	1 0.7%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	1 4.5%	0 0.0%	0 0.0%

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BREC End-Use and Energy Efficiency Survey (December 2007)

Table 15: There are lots of ways in which people can reduce energy consumption in their homes. Please list for me all of the things you have done to make your home more energy-efficient or things that you actively do to conserve energy, if any.

(continued)

All MCRECC respondents

	Gender		Financial burden of the electric bill			Number of people in the home					Length of time served by co-op						
	Total	Male	Female	Not too much	Some	Quite a bit	1	2	3	4	5+	<5 yrs.	5-10	11-15	16-25	>25 yrs.	
Unweighted Base	300	162	138	151	112	36	48	148	49	38	17	35	53	22	57	133	
Base	300	162	138	151	112	36	48	148	49	38	17	35	53	22	57	133	
Turn refrigerator down when not there	1 0.3%	1 0.6%	0 0.0%	1 0.7%	0 0.0%	0 0.0%	1 2.1%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	1 0.8%
Water Heating and Water-Related Measures	20 6.7%	6 3.7%	14 10.1%	11 7.3%	5 4.5%	4 11.1%	5 10.4%	5 3.4%	5 10.2%	4 10.5%	1 5.9%	5 14.3%	3 5.7%	1 4.5%	3 5.3%	8 6.0%	
Don't leave water running/conserves water	6 2.0%	4 2.5%	2 1.4%	6 4.0%	0 0.0%	0 0.0%	2 4.2%	0 0.0%	2 4.1%	2 5.3%	0 0.0%	1 2.9%	1 1.9%	0 0.0%	2 3.5%	2 1.5%	
Keep water heater set at a medium to low temperature/shut off when not home	5 1.7%	1 0.6%	4 2.9%	3 2.0%	2 1.8%	0 0.0%	1 2.1%	2 1.4%	1 2.0%	1 2.6%	0 0.0%	1 2.9%	1 1.9%	1 4.5%	1 1.8%	1 0.8%	
Run the washing machine only when have full loads/at off-peak hours	4 1.3%	0 0.0%	4 2.9%	0 0.0%	2 1.8%	2 5.6%	0 0.0%	1 0.7%	2 4.1%	0 0.0%	1 5.9%	2 5.7%	0 0.0%	0 0.0%	0 0.0%	2 1.5%	
Dry clothes on a line or partially dry them on a line/don't use dryer	3 1.0%	1 0.6%	2 1.4%	0 0.0%	1 0.9%	2 5.6%	1 2.1%	1 0.7%	0 0.0%	1 2.6%	0 0.0%	1 2.9%	0 0.0%	0 0.0%	0 0.0%	2 1.5%	
Use cold water in the washing machine (or use hot water infrequently)	2 0.7%	0 0.0%	2 1.4%	1 0.7%	1 0.9%	0 0.0%	1 2.1%	0 0.0%	1 2.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	2 1.5%	
Take showers not baths/shorter showers	1 0.3%	0 0.0%	1 0.7%	0 0.0%	1 0.9%	0 0.0%	0 0.0%	0 0.0%	1 2.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	1 0.8%	
Installed a water heater blanket/wrap	1 0.3%	0 0.0%	1 0.7%	1 0.7%	0 0.0%	0 0.0%	0 0.0%	1 0.7%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	1 1.9%	0 0.0%	0 0.0%	0 0.0%	

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BREC End-Use and Energy Efficiency Survey (December 2007)

Table 15: There are lots of ways in which people can reduce energy consumption in their homes. Please list for me all of the things you have done to make your home more energy-efficient or things that you actively do to conserve energy, if any.

(continued)

All MCRECC respondents

	Gender		Financial burden of the electric bill			Number of people in the home					Length of time served by co-op						
	Total	Male	Female	Not too much	Some	Quite a bit	1	2	3	4	5+	<5 yrs.	5-10	11-15	16-25	>25 yrs.	
Unweighted Base	300	162	138	151	112	36	48	148	49	38	17	35	53	22	57	133	
Base	300	162	138	151	112	36	48	148	49	38	17	35	53	22	57	133	
Run the dishwasher only when it's full/at off-peak hours	1 0.3%	0 0.0%	1 0.7%	0 0.0%	1 0.9%	0 0.0%	0 0.0%	0 0.0%	1 2.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	1 0.8%
<u>Nothing</u>	7 2.3%	3 1.9%	4 2.9%	2 1.3%	0 0.0%	5 13.9%	0 0.0%	4 2.7%	2 4.1%	1 2.6%	0 0.0%	1 2.9%	1 1.9%	0 0.0%	2 3.5%	3 2.3%	
Nothing	7 2.3%	3 1.9%	4 2.9%	2 1.3%	0 0.0%	5 13.9%	0 0.0%	4 2.7%	2 4.1%	1 2.6%	0 0.0%	1 2.9%	1 1.9%	0 0.0%	2 3.5%	3 2.3%	

(continued)

BREC End-Use and Energy Efficiency Survey (December 2007)

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All MCRECC respondents

	Total	Age					Type of home				Education				
		18-34	35-44	45-54	55-64	65+	Single-story	Multi-story	Mobile	Other	<HS grad	HS grad	Some college	College grad	Post college
Unweighted Base	300	26	41	67	75	85	158	67	49	26	52	144	60	25	16
Base	300	26	41	67	75	85	158	67	49	26	52	144	60	25	16
<u>Weatherizing, Sealing, and Insulating of Home</u>	199	9	25	47	57	56	110	44	33	12	37	91	43	13	12
	66.3%	34.6%	61.0%	70.1%	76.0%	65.9%	69.6%	65.7%	67.3%	46.2%	71.2%	63.2%	71.7%	52.0%	75.0%
Added insulation to the home	149	5	19	30	46	45	91	36	13	9	25	68	29	13	12
	49.7%	19.2%	46.3%	44.8%	61.3%	52.9%	57.6%	53.7%	26.5%	34.6%	48.1%	47.2%	48.3%	52.0%	75.0%
Sealed doors and/or windows—caulking, weatherstripping, plastic film, threshold	83	5	12	23	20	22	36	17	23	7	18	33	23	2	5
	27.7%	19.2%	29.3%	34.3%	26.7%	25.9%	22.8%	25.4%	46.9%	26.9%	34.6%	22.9%	38.3%	8.0%	31.3%
Checked exterior of home for air leaks (dryer vents, water spigots, gas pipes, etc.)	16	1	2	5	4	4	7	5	3	1	2	9	5	0	0
	5.3%	3.8%	4.9%	7.5%	5.3%	4.7%	4.4%	7.5%	6.1%	3.8%	3.8%	6.3%	8.3%	0.0%	0.0%
Added Masonite siding/new siding	8	0	2	0	3	3	5	3	0	0	2	5	1	0	0
	2.7%	0.0%	4.9%	0.0%	4.0%	3.5%	3.2%	4.5%	0.0%	0.0%	3.8%	3.5%	1.7%	0.0%	0.0%
Keep outside vents closed	2	0	0	0	2	0	1	0	1	0	0	2	0	0	0
	0.7%	0.0%	0.0%	0.0%	2.7%	0.0%	0.6%	0.0%	2.0%	0.0%	0.0%	1.4%	0.0%	0.0%	0.0%
Added underpinning	2	0	0	1	0	1	0	0	2	0	2	0	0	0	0
	0.7%	0.0%	0.0%	1.5%	0.0%	1.2%	0.0%	0.0%	4.1%	0.0%	3.8%	0.0%	0.0%	0.0%	0.0%
Placed foam gaskets behind outlets and switch plates	1	0	0	1	0	0	0	1	0	0	0	0	1	0	0
	0.3%	0.0%	0.0%	1.5%	0.0%	0.0%	0.0%	1.5%	0.0%	0.0%	0.0%	0.0%	1.7%	0.0%	0.0%
Enclosed porch with windows	1	0	0	0	0	1	1	0	0	0	0	1	0	0	0
	0.3%	0.0%	0.0%	0.0%	0.0%	1.2%	0.6%	0.0%	0.0%	0.0%	0.0%	0.7%	0.0%	0.0%	0.0%
Close crawl space in attic	1	0	0	1	0	0	1	0	0	0	0	0	1	0	0
	0.3%	0.0%	0.0%	1.5%	0.0%	0.0%	0.6%	0.0%	0.0%	0.0%	0.0%	0.0%	1.7%	0.0%	0.0%

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BREC End-Use and Energy Efficiency Survey (December 2007)

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(continued)

All MCRECC respondents

	Total	Age					Type of home				Education				
		18-34	35-44	45-54	55-64	65+	Single-story	Multi-story	Mobile	Other	<HS grad	HS grad	Some college	College grad	Post college
Unweighted Base	300	26	41	67	75	85	158	67	49	26	52	144	60	25	16
Base	300	26	41	67	75	85	158	67	49	26	52	144	60	25	16
Plastic on windows	1 0.3%	0 0.0%	1 2.4%	0 0.0%	0 0.0%	0 0.0%	1 0.6%	0 0.0%	0 0.0%	0 0.0%	1 1.9%	0 0.0%	0 0.0%	0 0.0%	0 0.0%
			++								++				
<u>Purchases of Energy-Efficient Appliances/Products</u>	145 48.3%	7 26.9%	17 41.5%	27 40.3%	44 58.7%	46 54.1%	86 54.4%	37 55.2%	12 24.5%	10 38.5%	23 44.2%	71 49.3%	30 50.0%	12 48.0%	8 50.0%
Replaced windows with more energy-efficient ones	111 37.0%	3 11.5%	10 24.4%	20 29.9%	35 46.7%	39 45.9%	70 44.3%	25 37.3%	9 18.4%	7 26.9%	19 36.5%	51 35.4%	26 43.3%	10 40.0%	4 25.0%
Replaced other appliances with more energy-efficient ones/energy star appliances	22 7.3%	2 7.7%	5 12.2%	8 11.9%	4 5.3%	3 3.5%	13 8.2%	6 9.0%	0 0.0%	3 11.5%	0 0.0%	14 9.7%	4 6.7%	2 8.0%	2 12.5%
Replaced doors/ventilated doors/storm doors	18 6.0%	2 7.7%	1 2.4%	3 4.5%	6 8.0%	6 7.1%	13 8.2%	3 4.5%	1 2.0%	1 3.8%	4 7.7%	7 4.9%	5 8.3%	0 0.0%	2 12.5%
Replaced heating system with more energy-efficient one	12 4.0%	0 0.0%	4 9.8%	6 9.0%	1 1.3%	1 1.2%	8 5.1%	3 4.5%	0 0.0%	1 3.8%	0 0.0%	8 5.6%	3 5.0%	0 0.0%	1 6.3%
New roof	7 2.3%	2 7.7%	1 2.4%	3 4.5%	1 1.3%	0 0.0%	5 3.2%	0 0.0%	2 4.1%	0 0.0%	0 0.0%	4 2.8%	2 3.3%	1 4.0%	0 0.0%
Replaced air conditioning system with more energy-efficient one	6 2.0%	0 0.0%	2 4.9%	2 3.0%	2 2.7%	0 0.0%	5 3.2%	0 0.0%	0 0.0%	1 3.8%	0 0.0%	4 2.8%	1 1.7%	1 4.0%	0 0.0%
Carpet/new floor/replaced floors	4 1.3%	1 3.8%	1 2.4%	0 0.0%	1 1.3%	1 1.2%	1 0.6%	2 3.0%	1 2.0%	0 0.0%	0 0.0%	2 1.4%	1 1.7%	0 0.0%	1 6.3%
Tankless water heater/energy efficient water heater	3 1.0%	1 3.8%	1 2.4%	0 0.0%	1 1.3%	0 0.0%	2 1.3%	1 1.5%	0 0.0%	0 0.0%	0 0.0%	1 0.7%	0 0.0%	1 4.0%	1 6.3%

(continued)

BREC End-Use and Energy Efficiency Survey (December 2007)

Table 15: There are lots of ways in which people can reduce energy consumption in their homes. Please list for me all of the things you have done to make your home more energy-efficient or things that you actively do to conserve energy, if any.

(continued)

All MCRECC respondents

	Total	Age					Type of home				Education				
		18-34	35-44	45-54	55-64	65+	Single-story	Multi-story	Mobile	Other	<HS grad	HS grad	Some college	College grad	Post college
Unweighted Base	300	26	41	67	75	85	158	67	49	26	52	144	60	25	16
Base	300	26	41	67	75	85	158	67	49	26	52	144	60	25	16
Added storm doors or window	23 7.7%	0 0.0%	3 7.3%	2 3.0%	9 12.0%	9 10.6%	12 7.6%	9 13.4%	1 2.0%	1 3.8%	4 7.7%	12 8.3%	5 8.3%	0 0.0%	2 12.5%
<u>Thermostat and Heating & Cooling</u>	144 48.0%	14 53.8%	20 48.8%	36 53.7%	37 49.3%	35 41.2%	76 48.1%	34 50.7%	20 40.8%	14 53.8%	17 32.7%	67 46.5%	31 51.7%	15 60.0%	12 75.0%
Keep thermostat set low in winter/high in summer and/or avoid early use of heat or air	72 24.0%	4 15.4%	12 29.3%	20 29.9%	21 28.0%	14 16.5%	39 24.7%	15 22.4%	10 20.4%	8 30.8%	8 15.4%	33 22.9%	15 25.0%	9 36.0%	6 37.5%
Adjust thermostat when going on vacation/not home/at night	27 9.0%	4 15.4%	3 7.3%	6 9.0%	7 9.3%	7 8.2%	13 8.2%	4 6.0%	6 12.2%	4 15.4%	5 9.6%	13 9.0%	3 5.0%	2 8.0%	4 25.0%
Close off heat & air to unused parts of the home/close doors to rooms not in use	19 6.3%	3 11.5%	3 7.3%	4 6.0%	3 4.0%	6 7.1%	8 5.1%	8 11.9%	2 4.1%	1 3.8%	1 1.9%	8 5.6%	7 11.7%	1 4.0%	2 12.5%
Put shades on windows/keep blinds closed/curtains on windows	14 4.7%	2 7.7%	1 2.4%	1 1.5%	2 2.7%	8 9.4%	9 5.7%	3 4.5%	1 2.0%	1 3.8%	1 1.9%	9 6.3%	2 3.3%	1 4.0%	1 6.3%
Heat with wood	10 3.3%	1 3.8%	3 7.3%	0 0.0%	2 2.7%	4 4.7%	4 2.5%	5 7.5%	1 2.0%	0 0.0%	2 3.8%	3 2.1%	3 5.0%	0 0.0%	2 12.5%
Installed a programmable thermostat	9 3.0%	1 3.8%	1 2.4%	2 3.0%	4 5.3%	1 1.2%	6 3.8%	2 3.0%	0 0.0%	1 3.8%	1 1.9%	2 1.4%	2 3.3%	3 12.0%	1 6.3%
Change/clean furnace filters frequently	7 2.3%	1 3.8%	0 0.0%	3 4.5%	3 4.0%	0 0.0%	4 2.5%	1 1.5%	1 2.0%	1 3.8%	0 0.0%	5 3.5%	0 0.0%	2 8.0%	0 0.0%
Keep thermostat steady	6 2.0%	0 0.0%	0 0.0%	3 4.5%	1 1.3%	1 1.2%	3 1.9%	1 1.5%	1 2.0%	1 3.8%	0 0.0%	4 2.8%	1 1.7%	0 0.0%	0 0.0%

(continued)

BREC End-Use and Energy Efficiency Survey (December 2007)

Table 15: There are lots of ways in which people can reduce energy consumption in their homes. Please list for me all of the things you have done to make your home more energy-efficient or things that you actively do to conserve energy, if any.

(continued)

All MCRECC respondents

	Total	Age					Type of home				Education				
		18-34	35-44	45-54	55-64	65+	Single-story	Multi-story	Mobile	Other	<HS grad	HS grad	Some college	College grad	Post college
Unweighted Base	300	26	41	67	75	85	158	67	49	26	52	144	60	25	16
Base	300	26	41	67	75	85	158	67	49	26	52	144	60	25	16
Use fireplace/gas fireplace/gas logs	4 1.3%	0 0.0%	0 0.0%	2 3.0%	0 0.0%	1 1.2%	1 0.6%	1 1.5%	2 4.1%	0 0.0%	0 0.0%	1 0.7%	1 1.7%	0 0.0%	1 6.3%
Use ceiling fans to circulate air	3 1.0%	0 0.0%	0 0.0%	0 0.0%	2 2.7%	1 1.2%	3 1.9%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	1 1.7%	1 4.0%	1 6.3%
Space heater in basement/added space heaters	3 1.0%	1 3.8%	1 2.4%	0 0.0%	1 1.3%	0 0.0%	2 1.3%	0 0.0%	1 2.0%	0 0.0%	0 0.0%	1 0.7%	2 3.3%	0 0.0%	0 0.0%
Use AC sparingly	2 0.7%	0 0.0%	0 0.0%	0 0.0%	2 2.7%	0 0.0%	1 0.6%	1 1.5%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	2 3.3%	0 0.0%	0 0.0%
Have heating/cooling system inspected regularly	1 0.3%	0 0.0%	0 0.0%	1 1.5%	0 0.0%	0 0.0%	1 0.6%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	1 0.7%	0 0.0%	0 0.0%	0 0.0%
Keep furniture and draperies away from vents/heaters	1 0.3%	1 3.8%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	1 0.6%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	1 0.7%	0 0.0%	0 0.0%	0 0.0%
Close off fireplace	1 0.3%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	1 1.2%	1 0.6%	0 0.0%	0 0.0%	0 0.0%	1 1.9%	0 0.0%	0 0.0%	0 0.0%	0 0.0%
Lighting	131 43.7%	16 61.5%	26 63.4%	33 49.3%	23 30.7%	30 35.3%	66 41.8%	27 40.3%	25 51.0%	13 50.0%	20 38.5%	59 41.0%	32 53.3%	12 48.0%	8 50.0%
Turn the lights off when leaving the room	100 33.3%	14 53.8%	18 43.9%	25 37.3%	21 28.0%	19 22.4%	49 31.0%	18 26.9%	22 44.9%	11 42.3%	16 30.8%	46 31.9%	23 38.3%	9 36.0%	6 37.5%

(continued)

BREC End-Use and Energy Efficiency Survey (December 2007)

Table 15: There are lots of ways in which people can reduce energy consumption in their homes. Please list for me all of the things you have done to make your home more energy-efficient or things that you actively do to conserve energy, if any.

(continued)

All MCRECC respondents

	Total	Age					Type of home				Education				
		18-34	35-44	45-54	55-64	65+	Single-story	Multi-story	Mobile	Other	<HS grad	HS grad	Some college	College grad	Post college
Unweighted Base	300	26	41	67	75	85	158	67	49	26	52	144	60	25	16
Base	300	26	41	67	75	85	158	67	49	26	52	144	60	25	16
Use compact fluorescent light bulbs/energy-efficient bulbs	55 18.3%	6 23.1%	12 29.3%	18 26.9%	7 9.3%	12 14.1%	30 19.0%	14 20.9%	6 12.2%	5 19.2%	4 7.7%	27 18.8%	16 26.7%	6 24.0%	2 12.5%
Outside lights on timer	2 0.7%	1 3.8%	0 0.0%	0 0.0%	0 0.0%	1 1.2%	1 0.6%	1 1.5%	0 0.0%	0 0.0%	0 0.0%	1 0.7%	0 0.0%	0 0.0%	1 6.3%
Other	25 8.3%	6 23.1%	2 4.9%	4 6.0%	4 5.3%	9 10.6%	15 9.5%	1 1.5%	5 10.2%	4 15.4%	4 7.7%	14 9.7%	5 8.3%	2 8.0%	0 0.0%
Unplug appliances when not in use	9 3.0%	3 11.5%	1 2.4%	1 1.5%	1 1.3%	3 3.5%	4 2.5%	0 0.0%	3 6.1%	2 7.7%	1 1.9%	5 3.5%	2 3.3%	1 4.0%	0 0.0%
Keep outside doors closed/windows closed	9 3.0%	1 3.8%	1 2.4%	3 4.5%	2 2.7%	2 2.4%	6 3.8%	1 1.5%	1 2.0%	1 3.8%	1 1.9%	5 3.5%	3 5.0%	0 0.0%	0 0.0%
Turn off computer/TV/electronics when not using	3 1.0%	2 7.7%	0 0.0%	0 0.0%	1 1.3%	0 0.0%	2 1.3%	0 0.0%	0 0.0%	1 3.8%	0 0.0%	3 2.1%	0 0.0%	0 0.0%	0 0.0%
Cook outside/cook things that don't take long/use grill	1 0.3%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	1 1.2%	0 0.0%	0 0.0%	1 2.0%	0 0.0%	1 1.9%	0 0.0%	0 0.0%	0 0.0%	0 0.0%
Built home in the ground	1 0.3%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	1 1.2%	1 0.6%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	1 4.0%	0 0.0%
Used 2x6 instead of 2x4 when building home	1 0.3%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	1 1.2%	1 0.6%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	1 0.7%	0 0.0%	0 0.0%	0 0.0%
Permanently covered patio/roof over deck	1 0.3%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	1 1.2%	1 0.6%	0 0.0%	0 0.0%	0 0.0%	1 1.9%	0 0.0%	0 0.0%	0 0.0%	0 0.0%

(continued)

BREC End-Use and Energy Efficiency Survey (December 2007)

Table 15: There are lots of ways in which people can reduce energy consumption in their homes. Please list for me all of the things you have done to make your home more energy-efficient or things that you actively do to conserve energy, if any.

(continued)

All MCRECC respondents

	Total	Age					Type of home				Education				
		18-34	35-44	45-54	55-64	65+	Single-story	Multi-story	Mobile	Other	<HS grad	HS grad	Some college	College grad	Post college
Unweighted Base	300	26	41	67	75	85	158	67	49	26	52	144	60	25	16
Base	300	26	41	67	75	85	158	67	49	26	52	144	60	25	16
Turn refrigerator down when not there	1 0.3%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	1 1.2%	0 0.0%	0 0.0%	1 2.0%	0 0.0%	0 0.0%	0 0.0%	1 1.7%	0 0.0%	0 0.0%
									++				++		
Water Heating and Water-Related Measures	20 6.7%	2 7.7%	5 12.2%	4 6.0%	3 4.0%	6 7.1%	9 5.7%	3 4.5%	4 8.2%	4 15.4%	6 11.5%	9 6.3%	2 3.3%	2 8.0%	1 6.3%
Don't leave water running/conserves water	6 2.0%	0 0.0%	3 7.3%	1 1.5%	0 0.0%	2 2.4%	3 1.9%	1 1.5%	0 0.0%	2 7.7%	0 0.0%	2 1.4%	2 3.3%	1 4.0%	1 6.3%
Keep water heater set at a medium to low temperature/shut off when not home	5 1.7%	0 0.0%	1 2.4%	1 1.5%	2 2.7%	1 1.2%	3 1.9%	1 1.5%	0 0.0%	1 3.8%	1 1.9%	3 2.1%	0 0.0%	1 4.0%	0 0.0%
Run the washing machine only when have full loads/at off-peak hours	4 1.3%	1 3.8%	1 2.4%	1 1.5%	0 0.0%	1 1.2%	1 0.6%	0 0.0%	2 4.1%	1 3.8%	2 3.8%	2 1.4%	0 0.0%	0 0.0%	0 0.0%
Dry clothes on a line or partially dry them on a line/don't use dryer	3 1.0%	1 3.8%	0 0.0%	0 0.0%	1 1.3%	1 1.2%	1 0.6%	0 0.0%	2 4.1%	0 0.0%	2 3.8%	1 0.7%	0 0.0%	0 0.0%	0 0.0%
Use cold water in the washing machine (or use hot water infrequently)	2 0.7%	0 0.0%	0 0.0%	1 1.5%	0 0.0%	1 1.2%	1 0.6%	0 0.0%	0 0.0%	1 3.8%	1 1.9%	1 0.7%	0 0.0%	0 0.0%	0 0.0%
Take showers not baths/shorter showers	1 0.3%	0 0.0%	0 0.0%	1 1.5%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	1 3.8%	0 0.0%	1 0.7%	0 0.0%	0 0.0%	0 0.0%
Installed a water heater blanket/wrap	1 0.3%	0 0.0%	0 0.0%	1 1.5%	0 0.0%	0 0.0%	0 0.0%	1 1.5%	0 0.0%	0 0.0%	0 0.0%	1 0.7%	0 0.0%	0 0.0%	0 0.0%
Run the dishwasher only when it's full/at off-peak hours	1 0.3%	0 0.0%	0 0.0%	1 1.5%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	1 3.8%	0 0.0%	1 0.7%	0 0.0%	0 0.0%	0 0.0%

(continued)

BREC End-Use and Energy Efficiency Survey (December 2007)

Table 15: There are lots of ways in which people can reduce energy consumption in their homes. Please list for me all of the things you have done to make your home more energy-efficient or things that you actively do to conserve energy, if any.

(continued)

All MCRECC respondents

	Age					Type of home				Education					
	Total	18-34	35-44	45-54	55-64	65+	Single-story	Multi-story	Mobile	Other	<HS grad	HS grad	Some college	College grad	Post college
Unweighted Base	300	26	41	67	75	85	158	67	49	26	52	144	60	25	16
Base	300	26	41	67	75	85	158	67	49	26	52	144	60	25	16
Nothing	7	0	1	1	2	3	3	3	1	0	3	3	0	1	0
	2.3%	0.0%	2.4%	1.5%	2.7%	3.5%	1.9%	4.5%	2.0%	0.0%	5.8%	2.1%	0.0%	4.0%	0.0%
											+				
Nothing	7	0	1	1	2	3	3	3	1	0	3	3	0	1	0
	2.3%	0.0%	2.4%	1.5%	2.7%	3.5%	1.9%	4.5%	2.0%	0.0%	5.8%	2.1%	0.0%	4.0%	0.0%
											+				

(continued)

BREC End-Use and Energy Efficiency Survey (December 2007)

Table 15: There are lots of ways in which people can reduce energy consumption in their homes. Please list for me all of the things you have done to make your home more energy-efficient or things that you actively do to conserve energy, if any.

All MCRECC respondents

	Income						Overall Satisfaction		Age of home						Primary heating source			
	Total	< \$15K	\$15K- \$25K	\$25K- \$40K	\$40- \$75K	> \$75K	Less than satis.	Satis.	<5 yrs	5-10	11-20	21-30	31-50	50+ yrs	Elec. furn.	HP/ geoth.	NG furn.	Prop. furn.
Unweighted Base	300	40	30	54	72	60	53	247	23	47	64	64	61	38	70	59	33	60
Base	300	40	30	54	72	60	53	247	23	47	64	64	61	38	70	59	33	60
<u>Weatherizing, Sealing, and Insulating of Home</u>	199	21	23	36	49	40	37	162	13	30	38	50	37	30	41	38	19	45
	66.3%	52.5%	76.7%	66.7%	68.1%	66.7%	69.8%	65.6%	56.5%	63.8%	59.4%	78.1%	60.7%	78.9%	58.6%	64.4%	57.6%	75.0%
Added insulation to the home	149	12	15	26	40	34	22	127	11	20	28	37	31	21	24	36	12	38
	49.7%	30.0%	50.0%	48.1%	55.6%	56.7%	41.5%	51.4%	47.8%	42.6%	43.8%	57.8%	50.8%	55.3%	34.3%	61.0%	36.4%	63.3%
Sealed doors and/or windows—caulking, weatherstripping, plastic film, threshold	83	11	10	16	21	12	21	62	6	13	21	23	13	6	18	12	10	20
	27.7%	27.5%	33.3%	29.6%	29.2%	20.0%	39.6%	25.1%	26.1%	27.7%	32.8%	35.9%	21.3%	15.8%	25.7%	20.3%	30.3%	33.3%
Checked exterior of home for air leaks (dryer vents, water spigots, gas pipes, etc.)	16	6	4	1	2	2	2	14	0	1	4	3	2	6	4	2	4	2
	5.3%	15.0%	13.3%	1.9%	2.8%	3.3%	3.8%	5.7%	0.0%	2.1%	6.3%	4.7%	3.3%	15.8%	5.7%	3.4%	12.1%	3.3%
Added Masonite siding/new siding	8	2	1	1	1	0	2	6	0	0	0	0	1	7	0	0	0	2
	2.7%	5.0%	3.3%	1.9%	1.4%	0.0%	3.8%	2.4%	0.0%	0.0%	0.0%	0.0%	1.6%	18.4%	0.0%	0.0%	0.0%	3.3%
Keep outside vents closed	2	0	1	0	0	0	0	2	0	0	1	1	0	0	2	0	0	0
	0.7%	0.0%	3.3%	0.0%	0.0%	0.0%	0.0%	0.8%	0.0%	0.0%	1.6%	1.6%	0.0%	0.0%	2.9%	0.0%	0.0%	0.0%
Added underpinning	2	1	0	1	0	0	0	2	0	1	1	0	0	0	2	0	0	0
	0.7%	2.5%	0.0%	1.9%	0.0%	0.0%	0.0%	0.8%	0.0%	2.1%	1.6%	0.0%	0.0%	0.0%	2.9%	0.0%	0.0%	0.0%
Placed foam gaskets behind outlets and switch plates	1	1	0	0	0	0	0	1	0	0	0	0	0	1	0	0	0	0
	0.3%	2.5%	0.0%	0.0%	0.0%	0.0%	0.0%	0.4%	0.0%	0.0%	0.0%	0.0%	0.0%	2.6%	0.0%	0.0%	0.0%	0.0%
Enclosed porch with windows	1	0	0	1	0	0	0	1	0	0	0	0	1	0	0	0	0	0
	0.3%	0.0%	0.0%	1.9%	0.0%	0.0%	0.0%	0.4%	0.0%	0.0%	0.0%	0.0%	1.6%	0.0%	0.0%	0.0%	0.0%	0.0%

(continued)

BREC End-Use and Energy Efficiency Survey (December 2007)

Table 15: There are lots of ways in which people can reduce energy consumption in their homes. Please list for me all of the things you have done to make your home more energy-efficient or things that you actively do to conserve energy, if any.

(continued)

All MCRECC respondents

	Total	Income					Overall Satisfaction		Age of home						Primary heating source			
		< \$15K	\$15K-\$25K	\$25K-\$40K	\$40-\$75K	> \$75K	Less than satis.	Satis.	<5 yrs	5-10	11-20	21-30	31-50	50+ yrs	Elec. furn.	HP/ geoth.	NG furn.	Prop. furn.
Unweighted Base	300	40	30	54	72	60	53	247	23	47	64	64	61	38	70	59	33	60
Base	300	40	30	54	72	60	53	247	23	47	64	64	61	38	70	59	33	60
Close crawl space in attic	1 0.3%	0 0.0%	0 0.0%	1 1.9%	0 0.0%	0 0.0%	0 0.0%	1 0.4%	0 0.0%	0 0.0%	1 1.6%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	1 1.7%	0 0.0%	0 0.0%
Plastic on windows	1 0.3%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	1 1.9%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	1 1.6%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%
Purchases of Energy-Efficient Appliances/Products	145 48.3%	9 22.5%	12 40.0%	31 57.4%	36 50.0%	33 55.0%	22 41.5%	123 49.8%	11 47.8%	19 40.4%	26 40.6%	25 39.1%	40 65.6%	24 63.2%	29 41.4%	33 55.9%	15 45.5%	31 51.7%
Replaced windows with more energy-efficient ones	111 37.0%	5 12.5%	9 30.0%	23 42.6%	24 33.3%	27 45.0%	16 30.2%	95 38.5%	5 21.7%	16 34.0%	17 26.6%	19 29.7%	35 57.4%	19 50.0%	25 35.7%	23 39.0%	7 21.2%	26 43.3%
Replaced other appliances with more energy-efficient ones/energy star appliances	22 7.3%	1 2.5%	2 6.7%	4 7.4%	4 5.6%	8 13.3%	6 11.3%	16 6.5%	6 26.1%	4 8.5%	4 6.3%	2 3.1%	4 6.6%	2 5.3%	3 4.3%	11 18.6%	1 3.0%	1 1.7%
Replaced doors/ventilated doors/storm doors	18 6.0%	1 2.5%	3 10.0%	5 9.3%	4 5.6%	2 3.3%	4 7.5%	14 5.7%	0 0.0%	0 0.0%	7 10.9%	6 9.4%	3 4.9%	2 5.3%	3 4.3%	6 10.2%	3 9.1%	3 5.0%
Replaced heating system with more energy-efficient one	12 4.0%	0 0.0%	0 0.0%	2 3.7%	6 8.3%	4 6.7%	0 0.0%	12 4.9%	1 4.3%	1 2.1%	2 3.1%	3 4.7%	4 6.6%	1 2.6%	2 2.9%	3 5.1%	0 0.0%	4 6.7%
New roof	7 2.3%	0 0.0%	1 3.3%	2 3.7%	1 1.4%	2 3.3%	1 1.9%	6 2.4%	0 0.0%	0 0.0%	1 1.6%	0 0.0%	4 6.6%	2 5.3%	3 4.3%	0 0.0%	0 0.0%	0 0.0%
Replaced air conditioning system with more energy-efficient one	6 2.0%	0 0.0%	0 0.0%	1 1.9%	1 1.4%	3 5.0%	0 0.0%	6 2.4%	1 4.3%	1 2.1%	0 0.0%	2 3.1%	2 3.3%	0 0.0%	2 2.9%	2 3.4%	0 0.0%	1 1.7%

(continued)

BREC End-Use and Energy Efficiency Survey (December 2007)

Table 15: There are lots of ways in which people can reduce energy consumption in their homes. Please list for me all of the things you have done to make your home more energy-efficient or things that you actively do to conserve energy, if any.

(continued)

All MCRECC respondents

	Total	Income					Overall Satisfaction		Age of home						Primary heating source			
		< \$15K	\$15K-\$25K	\$25K-\$40K	\$40-\$75K	> \$75K	Less than satis.	Satis.	<5 yrs	5-10	11-20	21-30	31-50	50+ yrs	Elec. furn.	HP/ geoth.	NG furn.	Prop. furn.
Unweighted Base	300	40	30	54	72	60	53	247	23	47	64	64	61	38	70	59	33	60
Base	300	40	30	54	72	60	53	247	23	47	64	64	61	38	70	59	33	60
Carpet/new floor/replaced floors	4 1.3%	0 0.0%	1 3.3%	1 1.9%	0 0.0%	1 1.7%	0 0.0%	4 1.6%	0 0.0%	0 0.0%	1 1.6%	1 1.6%	1 1.6%	1 2.6%	0 0.0%	0 0.0%	2 6.1%	0 0.0%
Tankless water heater/energy efficient water heater	3 1.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	2 3.3%	1 1.9%	2 0.8%	1 4.3%	0 0.0%	0 0.0%	0 0.0%	1 1.6%	1 2.6%	0 0.0%	1 1.7%	0 0.0%	0 0.0%
Added storm doors or window	23 7.7%	3 7.5%	1 3.3%	3 5.6%	10 13.9%	4 6.7%	2 3.8%	21 8.5%	2 8.7%	1 2.1%	5 7.8%	5 7.8%	3 4.9%	7 18.4%	4 5.7%	2 3.4%	6 18.2%	7 11.7%
<u>Thermostat and Heating & Cooling</u>	144 48.0%	16 40.0%	9 30.0%	25 46.3%	41 56.9%	33 55.0%	26 49.1%	118 47.8%	14 60.9%	25 53.2%	38 59.4%	30 46.9%	24 39.3%	11 28.9%	37 52.9%	34 57.6%	18 54.5%	27 45.0%
Keep thermostat set low in winter/high in summer and/or avoid early use of heat or air	72 24.0%	5 12.5%	4 13.3%	14 25.9%	18 25.0%	20 33.3%	10 18.9%	62 25.1%	5 21.7%	11 23.4%	22 34.4%	13 20.3%	15 24.6%	5 13.2%	16 22.9%	21 35.6%	11 33.3%	12 20.0%
Adjust thermostat when going on vacation/not home/at night	27 9.0%	7 17.5%	1 3.3%	8 14.8%	6 8.3%	4 6.7%	8 15.1%	19 7.7%	6 26.1%	7 14.9%	4 6.3%	6 9.4%	4 6.6%	0 0.0%	8 11.4%	7 11.9%	2 6.1%	5 8.3%
Close off heat & air to unused parts of the home/close doors to rooms not in use	19 6.3%	2 5.0%	3 10.0%	2 3.7%	5 6.9%	4 6.7%	4 7.5%	15 6.1%	2 8.7%	1 2.1%	5 7.8%	2 3.1%	3 4.9%	5 13.2%	4 5.7%	0 0.0%	7 21.2%	2 3.3%
Put shades on windows/keep blinds closed/curtains on windows	14 4.7%	1 2.5%	0 0.0%	3 5.6%	7 9.7%	1 1.7%	2 3.8%	12 4.9%	0 0.0%	2 4.3%	4 6.3%	3 4.7%	5 8.2%	0 0.0%	3 4.3%	2 3.4%	2 6.1%	5 8.3%
Heat with wood	10 3.3%	0 0.0%	1 3.3%	0 0.0%	7 9.7%	1 1.7%	0 0.0%	10 4.0%	0 0.0%	2 4.3%	3 4.7%	2 3.1%	2 3.3%	1 2.6%	1 1.4%	2 3.4%	0 0.0%	1 1.7%

(continued)

BREC End-Use and Energy Efficiency Survey (December 2007)

Table 15: There are lots of ways in which people can reduce energy consumption in their homes. Please list for me all of the things you have done to make your home more energy-efficient or things that you actively do to conserve energy, if any.

(continued)

All MCRECC respondents

	Total	Income					Overall Satisfaction		Age of home						Primary heating source				
		< \$15K	\$15K-\$25K	\$25K-\$40K	\$40-\$75K	> \$75K	Less than satis.	Satis.	<5 yrs	5-10	11-20	21-30	31-50	50+ yrs	Elec. furn.	HP/geoth.	NG furn.	Prop. furn.	
Unweighted Base	300	40	30	54	72	60	53	247	23	47	64	64	61	38	70	59	33	60	
Base	300	40	30	54	72	60	53	247	23	47	64	64	61	38	70	59	33	60	
Installed a programmable thermostat	9 3.0%	0 0.0%	0 0.0%	4 7.4%	2 2.8%	1 1.7%	4 7.5%	5 2.0%	2 8.7%	2 4.3%	2 3.1%	2 3.1%	1 1.6%	0 0.0%	2 2.9%	3 5.1%	0 0.0%	4 6.7%	
Change/clean furnace filters frequently	7 2.3%	2 5.0%	0 0.0%	2 3.7%	1 1.4%	1 1.7%	1 1.9%	6 2.4%	0 0.0%	1 2.1%	2 3.1%	2 3.1%	1 1.6%	0 0.0%	2 2.9%	1 1.7%	0 0.0%	4 6.7%	
Keep thermostat steady	6 2.0%	2 5.0%	1 3.3%	0 0.0%	0 0.0%	2 3.3%	0 0.0%	6 2.4%	0 0.0%	1 2.1%	0 0.0%	2 3.1%	1 1.6%	1 2.6%	3 4.3%	1 1.7%	1 3.0%	0 0.0%	
Use fireplace/gas fireplace/gas logs	4 1.3%	0 0.0%	0 0.0%	1 1.9%	1 1.4%	0 0.0%	2 3.8%	2 0.8%	1 4.3%	1 2.1%	1 1.6%	0 0.0%	1 1.6%	0 0.0%	2 2.9%	1 1.7%	0 0.0%	1 1.7%	
Use ceiling fans to circulate air	3 1.0%	0 0.0%	0 0.0%	0 0.0%	1 1.4%	1 1.7%	0 0.0%	3 1.2%	0 0.0%	0 0.0%	2 3.1%	0 0.0%	0 0.0%	1 2.6%	0 0.0%	0 0.0%	0 0.0%	1 1.7%	
Space heater in basement/added space heaters	3 1.0%	0 0.0%	0 0.0%	2 3.7%	1 1.4%	0 0.0%	1 1.9%	2 0.8%	1 4.3%	0 0.0%	0 0.0%	2 3.1%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	2 6.1%	1 1.7%
Use AC sparingly	2 0.7%	0 0.0%	0 0.0%	1 1.9%	0 0.0%	0 0.0%	0 0.0%	2 0.8%	1 4.3%	0 0.0%	0 0.0%	1 1.6%	0 0.0%	0 0.0%	0 0.0%	1 1.7%	0 0.0%	0 0.0%	
Have heating/cooling system inspected regularly	1 0.3%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	1 1.9%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	1 1.6%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	1 1.7%	
Keep furniture and draperies away from vents/heaters	1 0.3%	0 0.0%	0 0.0%	1 1.9%	0 0.0%	0 0.0%	0 0.0%	1 0.4%	0 0.0%	0 0.0%	1 1.6%	0 0.0%	0 0.0%	0 0.0%	1 1.4%	0 0.0%	0 0.0%	0 0.0%	

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BREC End-Use and Energy Efficiency Survey (December 2007)

Table 15: There are lots of ways in which people can reduce energy consumption in their homes. Please list for me all of the things you have done to make your home more energy-efficient or things that you actively do to conserve energy, if any.

(continued)

All MCRECC respondents

	Total	Income					Overall Satisfaction		Age of home						Primary heating source			
		< \$15K	\$15K-\$25K	\$25K-\$40K	\$40-\$75K	> \$75K	Less than satis.	Satis.	<5 yrs	5-10	11-20	21-30	31-50	50+ yrs	Elec. furn.	HP/ geoth.	NG furn.	Prop. furn.
Unweighted Base	300	40	30	54	72	60	53	247	23	47	64	64	61	38	70	59	33	60
Base	300	40	30	54	72	60	53	247	23	47	64	64	61	38	70	59	33	60
Close off fireplace	1 0.3%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	1 0.4%	0 0.0%	0 0.0%	0 0.0%	1 1.6%	0 0.0%	0 0.0%	1 1.4%	0 0.0%	0 0.0%	0 0.0%
Lighting	131 43.7%	20 50.0%	8 26.7%	27 50.0%	33 45.8%	28 46.7%	22 41.5%	109 44.1%	14 60.9%	20 42.6%	33 51.6%	32 50.0%	20 32.8%	10 26.3%	35 50.0%	30 50.8%	10 30.3%	25 41.7%
Turn the lights off when leaving the room	100 33.3%	18 45.0%	5 16.7%	23 42.6%	24 33.3%	17 28.3%	19 35.8%	81 32.8%	9 39.1%	16 34.0%	26 40.6%	22 34.4%	18 29.5%	7 18.4%	27 38.6%	17 28.8%	8 24.2%	22 36.7%
Use compact fluorescent light bulbs/energy-efficient bulbs	55 18.3%	4 10.0%	5 16.7%	12 22.2%	15 20.8%	16 26.7%	7 13.2%	48 19.4%	8 34.8%	8 17.0%	11 17.2%	14 21.9%	7 11.5%	7 18.4%	14 20.0%	18 30.5%	5 15.2%	6 10.0%
Outside lights on timer	2 0.7%	0 0.0%	0 0.0%	0 0.0%	2 2.8%	0 0.0%	0 0.0%	2 0.8%	0 0.0%	1 2.1%	0 0.0%	1 1.6%	0 0.0%	0 0.0%	1 1.4%	1 1.7%	0 0.0%	0 0.0%
Other	25 8.3%	6 15.0%	4 13.3%	0 0.0%	6 8.3%	1 1.7%	4 7.5%	21 8.5%	0 0.0%	3 6.4%	11 17.2%	5 7.8%	3 4.9%	3 7.9%	6 8.6%	5 8.5%	2 6.1%	5 8.3%
Unplug appliances when not in use	9 3.0%	2 5.0%	2 6.7%	0 0.0%	2 2.8%	0 0.0%	2 3.8%	7 2.8%	0 0.0%	1 2.1%	4 6.3%	0 0.0%	3 4.9%	1 2.6%	1 1.4%	2 3.4%	0 0.0%	2 3.3%
Keep outside doors closed/windows closed	9 3.0%	3 7.5%	1 3.3%	0 0.0%	2 2.8%	0 0.0%	1 1.9%	8 3.2%	0 0.0%	0 0.0%	4 6.3%	3 4.7%	0 0.0%	2 5.3%	2 2.9%	1 1.7%	2 6.1%	3 5.0%
Turn off computer/TV/electronics when not using	3 1.0%	1 2.5%	0 0.0%	0 0.0%	1 1.4%	1 1.7%	1 1.9%	2 0.8%	0 0.0%	1 2.1%	1 1.6%	1 1.6%	0 0.0%	0 0.0%	1 1.4%	1 1.7%	0 0.0%	0 0.0%

(continued)

BREC End-Use and Energy Efficiency Survey (December 2007)

Table 15: There are lots of ways in which people can reduce energy consumption in their homes. Please list for me all of the things you have done to make your home more energy-efficient or things that you actively do to conserve energy, if any.

(continued)

All MCRECC respondents

	Income						Overall Satisfaction		Age of home						Primary heating source			
	Total	< \$15K	\$15K-\$25K	\$25K-\$40K	\$40-\$75K	> \$75K	Less than	Satis.	<5 yrs	5-10	11-20	21-30	31-50	50+ yrs	Elec. furn.	HP/ geoth.	NG furn.	Prop. furn.
							satis.											
Unweighted Base	300	40	30	54	72	60	53	247	23	47	64	64	61	38	70	59	33	60
Base	300	40	30	54	72	60	53	247	23	47	64	64	61	38	70	59	33	60
Cook outside/cook things that don't take long/use grill	1 0.3%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	1 0.4%	0 0.0%	0 0.0%	1 1.6%	0 0.0%	0 0.0%	0 0.0%	1 1.4%	0 0.0%	0 0.0%	0 0.0%
Built home in the ground	1 0.3%	0 0.0%	1 3.3%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	1 0.4%	0 0.0%	0 0.0%	1 1.6%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	1 1.7%	0 0.0%	0 0.0%
Used 2x6 instead of 2x4 when building home	1 0.3%	0 0.0%	0 0.0%	0 0.0%	1 1.4%	0 0.0%	0 0.0%	1 0.4%	0 0.0%	1 2.1%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%
Permanently covered patio/roof over deck	1 0.3%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	1 0.4%	0 0.0%	0 0.0%	0 0.0%	1 1.6%	0 0.0%	0 0.0%	1 1.4%	0 0.0%	0 0.0%	0 0.0%
Turn refrigerator down when not there	1 0.3%	0 0.0%	1 3.3%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	1 0.4%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	1 1.6%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%
<u>Water Heating and Water-Related Measures</u>	20 6.7%	6 15.0%	0 0.0%	5 9.3%	4 5.6%	4 6.7%	4 7.5%	16 6.5%	3 13.0%	4 8.5%	5 7.8%	2 3.1%	5 8.2%	1 2.6%	6 8.6%	3 5.1%	3 9.1%	5 8.3%
Don't leave water running/conserves water	6 2.0%	1 2.5%	0 0.0%	3 5.6%	0 0.0%	2 3.3%	0 0.0%	6 2.4%	0 0.0%	0 0.0%	2 3.1%	1 1.6%	2 3.3%	1 2.6%	1 1.4%	1 1.7%	3 9.1%	1 1.7%
Keep water heater set at a medium to low temperature/shut off when not home	5 1.7%	1 2.5%	0 0.0%	0 0.0%	2 2.8%	2 3.3%	0 0.0%	5 2.0%	1 4.3%	1 2.1%	1 1.6%	1 1.6%	1 1.6%	0 0.0%	2 2.9%	0 0.0%	0 0.0%	2 3.3%
Run the washing machine only when have full loads/at off-peak hours	4 1.3%	2 5.0%	0 0.0%	1 1.9%	1 1.4%	0 0.0%	2 3.8%	2 0.8%	1 4.3%	2 4.3%	1 1.6%	0 0.0%	0 0.0%	0 0.0%	1 1.4%	2 3.4%	0 0.0%	0 0.0%

(continued)

BREC End-Use and Energy Efficiency Survey (December 2007)

Table 15: There are lots of ways in which people can reduce energy consumption in their homes. Please list for me all of the things you have done to make your home more energy-efficient or things that you actively do to conserve energy, if any.

(continued)

All MCRECC respondents

	Total	Income					Overall Satisfaction		Age of home						Primary heating source			
		< \$15K	\$15K-\$25K	\$25K-\$40K	\$40-\$75K	> \$75K	Less than satis.	Satis.	<5 yrs	5-10	11-20	21-30	31-50	50+ yrs	Elec. furn.	HP/ geoth.	NG furn.	Prop. furn.
Unweighted Base	300	40	30	54	72	60	53	247	23	47	64	64	61	38	70	59	33	60
Base	300	40	30	54	72	60	53	247	23	47	64	64	61	38	70	59	33	60
Dry clothes on a line or partially dry them on a line/don't use dryer	3 1.0%	1 2.5%	0 0.0%	1 1.9%	0 0.0%	0 0.0%	2 3.8% ++	1 0.4%	1 4.3%	0 0.0%	1 1.6%	0 0.0%	1 1.6%	0 0.0%	2 2.9% +	0 0.0%	0 0.0%	0 0.0%
Use cold water in the washing machine (or use hot water infrequently)	2 0.7%	1 2.5%	0 0.0%	0 0.0%	1 1.4%	0 0.0%	0 0.0%	2 0.8%	0 0.0%	1 2.1%	0 0.0%	0 0.0%	1 1.6%	0 0.0%	0 0.0%	1 1.7%	0 0.0%	1 1.7%
Take showers not baths/shorter showers	1 0.3%	0 0.0%	0 0.0%	0 0.0%	1 1.4% +	0 0.0%	0 0.0%	1 0.4%	0 0.0%	1 2.1% ++	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	1 1.7% ++	0 0.0%	0 0.0%
Installed a water heater blanket/wrap	1 0.3%	0 0.0%	0 0.0%	0 0.0%	1 1.4% +	0 0.0%	0 0.0%	1 0.4%	0 0.0%	1 2.1% ++	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	1 1.7% ++
Run the dishwasher only when it's full/at off-peak hours	1 0.3%	0 0.0%	0 0.0%	0 0.0%	1 1.4% +	0 0.0%	0 0.0%	1 0.4%	0 0.0%	1 2.1% ++	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	1 1.7% ++	0 0.0%	0 0.0%
Nothing	7 2.3%	2 5.0%	2 6.7% +	0 0.0%	1 1.4%	2 3.3%	1 1.9%	6 2.4%	0 0.0%	0 0.0%	1 1.6%	2 3.1%	3 4.9%	1 2.6%	0 0.0%	2 3.4%	0 0.0%	0 0.0%
Nothing	7 2.3%	2 5.0%	2 6.7% +	0 0.0%	1 1.4%	2 3.3%	1 1.9%	6 2.4%	0 0.0%	0 0.0%	1 1.6%	2 3.1%	3 4.9%	1 2.6%	0 0.0%	2 3.4%	0 0.0%	0 0.0%

BREC End-Use and Energy Efficiency Survey (December 2007)

Table 16: If you were replacing a light bulb in your home, what type of bulb would you most likely use?

All MCRECC respondents

	Total	Gender		Financial burden of the electric bill			Number of people in the home					Length of time served by co-op				
		Male	Female	Not too much	Some	Quite a bit	1	2	3	4	5+	<5 yrs.	5-10	11-15	16-25	>25 yrs.
Unweighted Base	300	162	138	151	112	36	48	148	49	38	17	35	53	22	57	133
Base	300	162	138	151	112	36	48	148	49	38	17	35	53	22	57	133
A standard incandescent light bulb	118 39.3%	60 37.0%	58 42.0%	62 41.1%	39 34.8%	16 44.4%	22 45.8%	63 42.6%	17 34.7%	9 23.7%	7 41.2%	14 40.0%	22 41.5%	10 45.5%	16 28.1%	56 42.1%
A compact fluorescent light bulb, or CFL (curly-Q shaped bulb)	180 60.0%	101 62.3%	79 57.2%	88 58.3%	72 64.3%	20 55.6%	24 50.0%	85 57.4%	32 65.3%	29 76.3%	10 58.8%	21 60.0%	31 58.5%	12 54.5%	41 71.9%	75 56.4%
Don't know	2 0.7%	1 0.6%	1 0.7%	1 0.7%	1 0.9%	0 0.0%	2 4.2%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	2 1.5%
Chi Square			0.81 .668		1.79 .774				16.94 .031					6.66 .574		

(continued)

BREC End-Use and Energy Efficiency Survey (December 2007)

Table 16: If you were replacing a light bulb in your home, what type of bulb would you most likely use?

All MCRECC respondents

	Total	Age					Type of home				Education				
		18-34	35-44	45-54	55-64	65+	Single-story	Multi-story	Mobile	Other	<HS grad	HS grad	Some college	College grad	Post college
Unweighted Base	300	26	41	67	75	85	158	67	49	26	52	144	60	25	16
Base	300	26	41	67	75	85	158	67	49	26	52	144	60	25	16
A standard incandescent light bulb	118 39.3%	12 46.2%	10 24.4%	27 40.3%	31 41.3%	34 40.0%	55 34.8%	28 41.8%	25 51.0%	10 38.5%	23 44.2%	58 40.3%	25 41.7%	6 24.0%	6 37.5%
A compact fluorescent light bulb, or CFL (curly-Q shaped bulb)	180 60.0%	14 53.8%	31 75.6%	40 59.7%	43 57.3%	50 58.8%	102 64.6%	38 56.7%	24 49.0%	16 61.5%	29 55.8%	85 59.0%	34 56.7%	19 76.0%	10 62.5%
Don't know	2 0.7%	0 0.0%	0 0.0%	0 0.0%	1 1.3%	1 1.2%	1 0.6%	1 1.5%	0 0.0%	0 0.0%	0 0.0%	1 0.7%	1 1.7%	0 0.0%	0 0.0%
Chi Square				6.35 .608				5.49 .483					4.79 .780		

(continued)

BREC End-Use and Energy Efficiency Survey (December 2007)

Table 16: If you were replacing a light bulb in your home, what type of bulb would you most likely use?

All MCRECC respondents

	Total	Income					Overall Satisfaction		Age of home						Primary heating source			
		< \$15K	\$15K- \$25K	\$25K- \$40K	\$40- \$75K	> \$75K	Less than satis.	Satis.	<5 yrs	5-10	11-20	21-30	31-50	50+ yrs	Elec. furn.	HP/ geoth.	NG furn.	Prop. furn.
Unweighted Base	300	40	30	54	72	60	53	247	23	47	64	64	61	38	70	59	33	60
Base	300	40	30	54	72	60	53	247	23	47	64	64	61	38	70	59	33	60
A standard incandescent light bulb	118 39.3%	21 52.5%	9 30.0%	15 27.8%	30 41.7%	24 40.0%	21 39.6%	97 39.3%	8 34.8%	21 44.7%	23 35.9%	29 45.3%	21 34.4%	16 42.1%	34 48.6%	16 27.1%	16 48.5%	22 36.7%
A compact fluorescent light bulb, or CFL (curly-Q shaped bulb)	180 60.0%	18 45.0%	20 66.7%	39 72.2%	42 58.3%	36 60.0%	32 60.4%	148 59.9%	15 65.2%	26 55.3%	40 62.5%	35 54.7%	40 65.6%	21 55.3%	36 51.4%	43 72.9%	17 51.5%	37 61.7%
Don't know	2 0.7%	1 2.5%	1 3.3%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	2 0.8%	0 0.0%	0 0.0%	1 1.6%	0 0.0%	0 0.0%	1 2.6%	0 0.0%	0 0.0%	0 0.0%	1 1.7%
Chi Square				12.94 .114			0.43 .806				6.98 .727					10.14 .119		

BREC End-Use and Energy Efficiency Survey (December 2007)

Table 17: If you had to replace the heating system for your home, what type of system would you install?

All MCRECC respondents

	Gender		Financial burden of the electric bill			Number of people in the home					Length of time served by co-op					
	Total	Male	Female	Not too much	Some	Quite a bit	1	2	3	4	5+	<5 yrs.	5-10	11-15	16-25	>25 yrs.
Unweighted Base	300	162	138	151	112	36	48	148	49	38	17	35	53	22	57	133
Base	300	162	138	151	112	36	48	148	49	38	17	35	53	22	57	133
Electric	186	106	80	95	69	21	27	88	33	28	10	24	34	17	35	76
	62.6%	65.8%	58.8%	62.9%	63.3%	58.3%	56.3%	59.9%	68.8%	75.7%	58.8%	72.7%	64.2%	77.3%	62.5%	57.1%
Heat pump	81	53	28	45	31	5	10	44	10	10	7	10	10	8	21	32
	27.3%	32.9%	20.6%	29.8%	28.4%	13.9%	20.8%	29.9%	20.8%	27.0%	41.2%	30.3%	18.9%	36.4%	37.5%	24.1%
		++	--			-									+	
Baseboard electric, ceiling cables, electric furnace	77	32	45	37	28	11	14	36	15	9	3	8	18	6	10	35
	25.9%	19.9%	33.1%	24.5%	25.7%	30.6%	29.2%	24.5%	31.3%	24.3%	17.6%	24.2%	34.0%	27.3%	17.9%	26.3%
		---	+++													
Geothermal system	21	17	4	10	7	4	3	6	5	7	0	2	6	3	2	8
	7.1%	10.6%	2.9%	6.6%	6.4%	11.1%	6.3%	4.1%	10.4%	18.9%	0.0%	6.1%	11.3%	13.6%	3.6%	6.0%
		++	--					--		+++						
Dual-fuel system	4	3	1	2	1	1	0	1	1	2	0	2	0	0	1	1
	1.3%	1.9%	0.7%	1.3%	0.9%	2.8%	0.0%	0.7%	2.1%	5.4%	0.0%	6.1%	0.0%	0.0%	1.8%	0.8%
										++		++				
Something electric, but no specific system	3	1	2	1	2	0	0	1	2	0	0	2	0	0	1	0
	1.0%	0.6%	1.5%	0.7%	1.8%	0.0%	0.0%	0.7%	4.2%	0.0%	0.0%	6.1%	0.0%	0.0%	1.8%	0.0%
									++		+++					
Gas	64	33	31	38	18	8	11	36	8	7	2	4	11	2	12	35
	21.5%	20.5%	22.8%	25.2%	16.5%	22.2%	22.9%	24.5%	16.7%	18.9%	11.8%	12.1%	20.8%	9.1%	21.4%	26.3%
Propane furnace	38	23	15	24	10	4	5	23	6	3	1	2	5	1	6	24
	12.8%	14.3%	11.0%	15.9%	9.2%	11.1%	10.4%	15.6%	12.5%	8.1%	5.9%	6.1%	9.4%	4.5%	10.7%	18.0%
															++	
Natural gas furnace	22	8	14	12	7	3	6	10	2	3	1	2	5	1	4	10
	7.4%	5.0%	10.3%	7.9%	6.4%	8.3%	12.5%	6.8%	4.2%	8.1%	5.9%	6.1%	9.4%	4.5%	7.1%	7.5%
		-	+													
Propane space heater	2	1	1	1	0	1	0	1	0	1	0	0	1	0	0	1
	0.7%	0.6%	0.7%	0.7%	0.0%	2.8%	0.0%	0.7%	0.0%	2.7%	0.0%	0.0%	1.9%	0.0%	0.0%	0.8%
						+										

(continued)

BREC End-Use and Energy Efficiency Survey (December 2007)

Table 17: If you had to replace the heating system for your home, what type of system would you install?

(continued)

All MCRECC respondents

	Gender		Financial burden of the electric bill			Number of people in the home					Length of time served by co-op					
	Total	Male	Female	Not too much	Some	Quite a bit	1	2	3	4	5+	<5 yrs.	5-10	11-15	16-25	>25 yrs.
Unweighted Base	300	162	138	151	112	36	48	148	49	38	17	35	53	22	57	133
Base	300	162	138	151	112	36	48	148	49	38	17	35	53	22	57	133
Gas pack	1 0.3%	0 0.0%	1 0.7%	0 0.0%	1 0.9%	0 0.0%	0 0.0%	1 0.7%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	1 1.8%	0 0.0%
Butane gas	1 0.3%	1 0.6%	0 0.0%	1 0.7%	0 0.0%	0 0.0%	0 0.0%	1 0.7%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	1 1.8%	0 0.0%
Other	22 7.4%	14 8.7%	8 5.9%	6 4.0%	14 12.8%	2 5.6%	2 4.2%	12 8.2%	3 6.3%	1 2.7%	4 23.5%	3 9.1%	3 5.7%	1 4.5%	7 12.5%	8 6.0%
Wood, coal, kerosene, fuel oil	21 7.1%	13 8.1%	8 5.9%	6 4.0%	13 11.9%	2 5.6%	2 4.2%	12 8.2%	3 6.3%	1 2.7%	3 17.6%	3 9.1%	2 3.8%	1 4.5%	7 12.5%	8 6.0%
Boiler system	1 0.3%	1 0.6%	0 0.0%	0 0.0%	1 0.9%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	1 5.9%	0 0.0%	1 1.9%	0 0.0%	0 0.0%	0 0.0%
Don't know	25 8.4%	8 5.0%	17 12.5%	12 7.9%	8 7.3%	5 13.9%	8 16.7%	11 7.5%	4 8.3%	1 2.7%	1 5.9%	2 6.1%	5 9.4%	2 9.1%	2 3.6%	14 10.5%
Don't know	25 8.4%	8 5.0%	17 12.5%	12 7.9%	8 7.3%	5 13.9%	8 16.7%	11 7.5%	4 8.3%	1 2.7%	1 5.9%	2 6.1%	5 9.4%	2 9.1%	2 3.6%	14 10.5%
No Response	3	1	2	0	3	0	0	1	1	1	0	2	0	0	1	0

(continued)

BREC End-Use and Energy Efficiency Survey (December 2007)

Table 17: If you had to replace the heating system for your home, what type of system would you install?

All MCRECC respondents

	Total	Age					Type of home				Education				
		18-34	35-44	45-54	55-64	65+	Single-story	Multi-story	Mobile	Other	<HS grad	HS grad	Some college	College grad	Post college
Unweighted Base	300	26	41	67	75	85	158	67	49	26	52	144	60	25	16
Base	300	26	41	67	75	85	158	67	49	26	52	144	60	25	16
Electric	186	19	24	50	40	49	94	41	31	20	34	82	40	18	10
	62.6%	76.0%	58.5%	76.9%	53.3%	57.6%	59.9%	61.2%	66.0%	76.9%	65.4%	58.2%	66.7%	72.0%	62.5%
Heat pump	81	5	11	20	20	23	42	25	8	6	9	37	16	11	7
	27.3%	20.0%	26.8%	30.8%	26.7%	27.1%	26.8%	37.3%	17.0%	23.1%	17.3%	26.2%	26.7%	44.0%	43.8%
Baseboard electric, ceiling cables, electric furnace	77	9	5	24	14	23	39	6	20	12	21	35	17	2	1
	25.9%	36.0%	12.2%	36.9%	18.7%	27.1%	24.8%	9.0%	42.6%	46.2%	40.4%	24.8%	28.3%	8.0%	6.3%
Geothermal system	21	3	5	4	6	3	9	9	2	1	3	7	5	4	2
	7.1%	12.0%	12.2%	6.2%	8.0%	3.5%	5.7%	13.4%	4.3%	3.8%	5.8%	5.0%	8.3%	16.0%	12.5%
Dual-fuel system	4	1	2	1	0	0	4	0	0	0	1	1	2	0	0
	1.3%	4.0%	4.9%	1.5%	0.0%	0.0%	2.5%	0.0%	0.0%	0.0%	1.9%	0.7%	3.3%	0.0%	0.0%
Something electric, but no specific system	3	1	1	1	0	0	0	1	1	1	0	2	0	1	0
	1.0%	4.0%	2.4%	1.5%	0.0%	0.0%	0.0%	1.5%	2.1%	3.8%	0.0%	1.4%	0.0%	4.0%	0.0%
Gas	64	2	8	8	24	21	40	12	10	2	12	37	8	3	4
	21.5%	8.0%	19.5%	12.3%	32.0%	24.7%	25.5%	17.9%	21.3%	7.7%	23.1%	26.2%	13.3%	12.0%	25.0%
Propane furnace	38	0	4	6	17	10	28	5	5	0	8	21	5	1	3
	12.8%	0.0%	9.8%	9.2%	22.7%	11.8%	17.8%	7.5%	10.6%	0.0%	15.4%	14.9%	8.3%	4.0%	18.8%
Natural gas furnace	22	2	3	2	5	10	12	5	3	2	3	13	3	2	1
	7.4%	8.0%	7.3%	3.1%	6.7%	11.8%	7.6%	7.5%	6.4%	7.7%	5.8%	9.2%	5.0%	8.0%	6.3%
Propane space heater	2	0	1	0	1	0	0	2	0	0	1	1	0	0	0
	0.7%	0.0%	2.4%	0.0%	1.3%	0.0%	0.0%	3.0%	0.0%	0.0%	1.9%	0.7%	0.0%	0.0%	0.0%

(continued)

BREC End-Use and Energy Efficiency Survey (December 2007)

Table 17: If you had to replace the heating system for your home, what type of system would you install?

(continued)

All MCRECC respondents

	Age						Type of home				Education				
	Total	18-34	35-44	45-54	55-64	65+	Single-story	Multi-story	Mobile	Other	<HS grad	HS grad	Some college	College grad	Post college
Unweighted Base	300	26	41	67	75	85	158	67	49	26	52	144	60	25	16
Base	300	26	41	67	75	85	158	67	49	26	52	144	60	25	16
Gas pack	1 0.3%	0 0.0%	0 0.0%	0 0.0%	1 1.3%	0 0.0%	0 0.0%	0 0.0%	1 2.1%	0 0.0%	0 0.0%	1 0.7%	0 0.0%	0 0.0%	0 0.0%
Butane gas	1 0.3%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	1 1.2%	0 0.0%	0 0.0%	1 2.1%	0 0.0%	0 0.0%	1 0.7%	0 0.0%	0 0.0%	0 0.0%
Other	22 7.4%	1 4.0%	7 17.1%	4 6.2%	6 8.0%	4 4.7%	12 7.6%	7 10.4%	2 4.3%	1 3.8%	4 7.7%	9 6.4%	6 10.0%	1 4.0%	2 12.5%
Wood, coal, kerosene, fuel oil	21 7.1%	1 4.0%	6 14.6%	4 6.2%	6 8.0%	4 4.7%	12 7.6%	6 9.0%	2 4.3%	1 3.8%	4 7.7%	9 6.4%	5 8.3%	1 4.0%	2 12.5%
Boiler system	1 0.3%	0 0.0%	1 2.4%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	1 1.5%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	1 1.7%	0 0.0%	0 0.0%
Don't know	25 8.4%	3 12.0%	2 4.9%	3 4.6%	5 6.7%	11 12.9%	11 7.0%	7 10.4%	4 8.5%	3 11.5%	2 3.8%	13 9.2%	6 10.0%	3 12.0%	0 0.0%
Don't know	25 8.4%	3 12.0%	2 4.9%	3 4.6%	5 6.7%	11 12.9%	11 7.0%	7 10.4%	4 8.5%	3 11.5%	2 3.8%	13 9.2%	6 10.0%	3 12.0%	0 0.0%
No Response	3	1	0	2	0	0	1	0	2	0	0	3	0	0	0

(continued)

BREC End-Use and Energy Efficiency Survey (December 2007)

Table 17: If you had to replace the heating system for your home, what type of system would you install?

All MCRECC respondents

	Income						Overall Satisfaction		Age of home						Primary heating source			
	Total	< \$15K	\$15K- \$25K	\$25K- \$40K	\$40- \$75K	> \$75K	Less than satis.	Satis.	<5 yrs	5-10	11-20	21-30	31-50	50+ yrs	Elec. furn.	HP/ geoth.	NG furn.	Prop. furn.
Unweighted Base	300	40	30	54	72	60	53	247	23	47	64	64	61	38	70	59	33	60
Base	300	40	30	54	72	60	53	247	23	47	64	64	61	38	70	59	33	60
Electric	186	21	17	32	47	46	33	153	17	29	40	44	37	18	58	54	15	21
	62.6%	53.8%	56.7%	60.4%	65.3%	76.7%	66.0%	61.9%	73.9%	63.0%	63.5%	69.8%	60.7%	47.4%	85.3%	91.5%	45.5%	35.6%
Heat pump	81	2	8	14	25	26	13	68	8	13	20	17	16	7	9	41	7	11
	27.3%	5.1%	26.7%	26.4%	34.7%	43.3%	26.0%	27.5%	34.8%	28.3%	31.7%	27.0%	26.2%	18.4%	13.2%	69.5%	21.2%	18.6%
Baseboard electric, ceiling cables, electric furnace	77	18	8	12	13	10	15	62	3	14	14	20	17	8	45	3	2	7
	25.9%	46.2%	26.7%	22.6%	18.1%	16.7%	30.0%	25.1%	13.0%	30.4%	22.2%	31.7%	27.9%	21.1%	66.2%	5.1%	6.1%	11.9%
Geothermal system	21	0	1	4	8	7	4	17	3	2	3	6	4	3	4	6	4	3
	7.1%	0.0%	3.3%	7.5%	11.1%	11.7%	8.0%	6.9%	13.0%	4.3%	4.8%	9.5%	6.6%	7.9%	5.9%	10.2%	12.1%	5.1%
Dual-fuel system	4	0	0	1	1	2	1	3	2	0	2	0	0	0	0	4	0	0
	1.3%	0.0%	0.0%	1.9%	1.4%	3.3%	2.0%	1.2%	8.7%	0.0%	3.2%	0.0%	0.0%	0.0%	0.0%	6.8%	0.0%	0.0%
Something electric, but no specific system	3	1	0	1	0	1	0	3	1	0	1	1	0	0	0	0	2	0
	1.0%	2.6%	0.0%	1.9%	0.0%	1.7%	0.0%	1.2%	4.3%	0.0%	1.6%	1.6%	0.0%	0.0%	0.0%	0.0%	6.1%	0.0%
Gas	64	9	6	12	15	10	8	56	4	8	17	11	15	9	2	2	14	29
	21.5%	23.1%	20.0%	22.6%	20.8%	16.7%	16.0%	22.7%	17.4%	17.4%	27.0%	17.5%	24.6%	23.7%	2.9%	3.4%	42.4%	49.2%
Propane furnace	38	6	1	3	12	7	8	30	2	4	10	7	10	5	0	0	1	28
	12.8%	15.4%	3.3%	5.7%	16.7%	11.7%	16.0%	12.1%	8.7%	8.7%	15.9%	11.1%	16.4%	13.2%	0.0%	0.0%	3.0%	47.5%
Natural gas furnace	22	3	3	8	2	3	0	22	2	4	7	2	5	2	2	2	13	1
	7.4%	7.7%	10.0%	15.1%	2.8%	5.0%	0.0%	8.9%	8.7%	8.7%	11.1%	3.2%	8.2%	5.3%	2.9%	3.4%	39.4%	1.7%

(continued)

BREC End-Use and Energy Efficiency Survey (December 2007)

Table 17: If you had to replace the heating system for your home, what type of system would you install?

(continued)

All MCRECC respondents

	Income					Overall Satisfaction		Age of home						Primary heating source				
	Total	< \$15K	\$15K-\$25K	\$25K-\$40K	\$40-\$75K	> \$75K	Less than satis.	Satis.	<5 yrs	5-10	11-20	21-30	31-50	50+ yrs	Elec. furn.	HP/ geoth.	NG furn.	Prop. furn.
Unweighted Base	300	40	30	54	72	60	53	247	23	47	64	64	61	38	70	59	33	60
Base	300	40	30	54	72	60	53	247	23	47	64	64	61	38	70	59	33	60
Propane space heater	2	0	1	0	1	0	0	2	0	0	0	0	0	2	0	0	0	0
	0.7%	0.0%	3.3%	0.0%	1.4%	0.0%	0.0%	0.8%	0.0%	0.0%	0.0%	0.0%	0.0%	5.3%	0.0%	0.0%	0.0%	0.0%
			+											+++				
Gas pack	1	0	1	0	0	0	0	1	0	0	0	1	0	0	0	0	0	0
	0.3%	0.0%	3.3%	0.0%	0.0%	0.0%	0.0%	0.4%	0.0%	0.0%	0.0%	1.6%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
			+++									+						
Butane gas	1	0	0	1	0	0	0	1	0	0	0	1	0	0	0	0	0	0
	0.3%	0.0%	0.0%	1.9%	0.0%	0.0%	0.0%	0.4%	0.0%	0.0%	0.0%	1.6%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
				++								+						
Other	22	2	3	2	6	4	5	17	1	2	3	6	4	5	2	1	1	2
	7.4%	5.1%	10.0%	3.8%	8.3%	6.7%	10.0%	6.9%	4.3%	4.3%	4.8%	9.5%	6.6%	13.2%	2.9%	1.7%	3.0%	3.4%
																-		
Wood, coal, kerosene, fuel oil	21	2	3	2	5	4	5	16	1	2	2	6	4	5	2	0	1	2
	7.1%	5.1%	10.0%	3.8%	6.9%	6.7%	10.0%	6.5%	4.3%	4.3%	3.2%	9.5%	6.6%	13.2%	2.9%	0.0%	3.0%	3.4%
Boiler system	1	0	0	0	1	0	0	1	0	0	1	0	0	0	0	1	0	0
	0.3%	0.0%	0.0%	0.0%	1.4%	0.0%	0.0%	0.4%	0.0%	0.0%	1.6%	0.0%	0.0%	0.0%	0.0%	1.7%	0.0%	0.0%
					+						+					++		
Don't know	25	7	4	7	4	0	4	21	1	7	3	2	5	6	6	2	3	7
	8.4%	17.9%	13.3%	13.2%	5.6%	0.0%	8.0%	8.5%	4.3%	15.2%	4.8%	3.2%	8.2%	15.8%	8.8%	3.4%	9.1%	11.9%
											+			+				
Don't know	25	7	4	7	4	0	4	21	1	7	3	2	5	6	6	2	3	7
	8.4%	17.9%	13.3%	13.2%	5.6%	0.0%	8.0%	8.5%	4.3%	15.2%	4.8%	3.2%	8.2%	15.8%	8.8%	3.4%	9.1%	11.9%
											+			+				
No Response	3	1	0	1	0	0	3	0	0	1	1	1	0	0	2	0	0	1

BREC End-Use and Energy Efficiency Survey (December 2007)

Table 18: In this part of the country, what is the recommended **minimum** amount of insulation you should have in your attic? Is it:

All MCRECC respondents

	Gender		Financial burden of the electric bill			Number of people in the home					Length of time served by co-op					
	Total	Male	Female	Not too much	Some	Quite a bit	1	2	3	4	5+	<5 yrs.	5-10	11-15	16-25	>25 yrs.
Unweighted Base	300	162	138	151	112	36	48	148	49	38	17	35	53	22	57	133
Base	300	162	138	151	112	36	48	148	49	38	17	35	53	22	57	133
At least 6 inches	91 30.3%	67 41.4%	24 17.4%	44 29.1%	39 34.8%	8 22.2%	15 31.3%	41 27.7%	15 30.6%	17 44.7%	3 17.6%	6 17.1%	17 32.1%	6 27.3%	19 33.3%	43 32.3%
At least 12 inches	126 42.0%	68 42.0%	58 42.0%	71 47.0%	44 39.3%	11 30.6%	24 50.0%	65 43.9%	18 36.7%	14 36.8%	5 29.4%	19 54.3%	24 45.3%	11 50.0%	13 22.8%	59 44.4%
At least 20 inches	16 5.3%	10 6.2%	6 4.3%	11 7.3%	4 3.6%	1 2.8%	2 4.2%	13 8.8%	0 0.0%	0 0.0%	1 5.9%	1 2.9%	2 3.8%	2 9.1%	4 7.0%	7 5.3%
Don't know	67 22.3%	17 10.5%	50 36.2%	25 16.6%	25 22.3%	16 44.4%	7 14.6%	29 19.6%	16 32.7%	7 18.4%	8 47.1%	9 25.7%	10 18.9%	3 13.6%	21 36.8%	24 18.0%
Chi Square		36.68 .001		16.22 .013				23.03 .027					18.59 .099			

(continued)

BREC End-Use and Energy Efficiency Survey (December 2007)

Table 18: In this part of the country, what is the recommended **minimum** amount of insulation you should have in your attic? Is it:

All MCRECC respondents

	Total	Age					Type of home				Education				
		18-34	35-44	45-54	55-64	65+	Single-story	Multi-story	Mobile	Other	<HS grad	HS grad	Some college	College grad	Post college
Unweighted Base	300	26	41	67	75	85	158	67	49	26	52	144	60	25	16
Base	300	26	41	67	75	85	158	67	49	26	52	144	60	25	16
At least 6 inches	91 30.3%	6 23.1%	11 26.8%	21 31.3%	22 29.3%	30 35.3%	49 31.0%	15 22.4%	16 32.7%	11 42.3%	21 40.4%	40 27.8%	21 35.0%	4 16.0%	4 25.0%
At least 12 inches	126 42.0%	12 46.2%	13 31.7%	31 46.3%	36 48.0%	31 36.5%	69 43.7%	35 52.2%	15 30.6%	7 26.9%	11 21.2%	68 47.2%	25 41.7%	12 48.0%	8 50.0%
At least 20 inches	16 5.3%	1 3.8%	1 2.4%	3 4.5%	5 6.7%	5 5.9%	7 4.4%	4 6.0%	3 6.1%	2 7.7%	5 9.6%	5 3.5%	3 5.0%	1 4.0%	2 12.5%
Don't know	67 22.3%	7 26.9%	16 39.0%	12 17.9%	12 16.0%	19 22.4%	33 20.9%	13 19.4%	15 30.6%	6 23.1%	15 28.8%	31 21.5%	11 18.3%	8 32.0%	2 12.5%
			+++												
Chi Square				12.45 .410				9.97 .353					18.61 .099		

(continued)

BREC End-Use and Energy Efficiency Survey (December 2007)

Table 18: In this part of the country, what is the recommended **minimum** amount of insulation you should have in your attic? Is it:

All MCRECC respondents

	Income						Overall Satisfaction		Age of home						Primary heating source			
	Total	< \$15K	\$15K-\$25K	\$25K-\$40K	\$40-\$75K	> \$75K	Less than satis.	Satis.	<5 yrs	5-10	11-20	21-30	31-50	50+ yrs	Elec. furn.	HP/ geoth.	NG furn.	Prop. furn.
Unweighted Base	300	40	30	54	72	60	53	247	23	47	64	64	61	38	70	59	33	60
Base	300	40	30	54	72	60	53	247	23	47	64	64	61	38	70	59	33	60
At least 6 inches	91 30.3%	14 35.0%	13 43.3%	14 25.9%	21 29.2%	19 31.7%	18 34.0%	73 29.6%	3 13.0%	17 36.2%	15 23.4%	22 34.4%	22 36.1%	11 28.9%	25 35.7%	15 25.4%	9 27.3%	17 28.3%
At least 12 inches	126 42.0%	14 35.0%	6 20.0%	22 40.7%	36 50.0%	29 48.3%	21 39.6%	105 42.5%	17 73.9%	13 27.7%	24 37.5%	26 40.6%	27 44.3%	19 50.0%	20 28.6%	33 55.9%	18 54.5%	27 45.0%
At least 20 inches	16 5.3%	2 5.0%	1 3.3%	4 7.4%	4 5.6%	4 6.7%	1 1.9%	15 6.1%	0 0.0%	5 10.6%	4 6.3%	4 6.3%	1 1.6%	2 5.3%	4 5.7%	2 3.4%	1 3.0%	5 8.3%
Don't know	67 22.3%	10 25.0%	10 33.3%	14 25.9%	11 15.3%	8 13.3%	13 24.5%	54 21.9%	3 13.0%	12 25.5%	21 32.8%	12 18.8%	11 18.0%	6 15.8%	21 30.0%	9 15.3%	5 15.2%	11 18.3%
Chi Square				14.43 .274			1.94 .585				24.96 .051					14.01 .122		

BREC End-Use and Energy Efficiency Survey (December 2007)

Table 19: If you were going to add insulation to your attic, what kind would you choose?

All MCRECC respondents

	Gender		Financial burden of the electric bill			Number of people in the home					Length of time served by co-op					
	Total	Male	Female	Not too much	Some	Quite a bit	1	2	3	4	5+	<5 yrs.	5-10	11-15	16-25	>25 yrs.
Unweighted Base	300	162	138	151	112	36	48	148	49	38	17	35	53	22	57	133
Base	300	162	138	151	112	36	48	148	49	38	17	35	53	22	57	133
UNAIDED: Fiberglass/pink stuff (pink, yellow or white; comes in batts, rolls, or blankets and can also be blown in)	66 22.1%	37 23.0%	29 21.0%	36 24.0%	20 17.9%	10 27.8%	17 35.4%	29 19.7%	9 18.4%	8 21.1%	3 17.6%	5 14.3%	14 26.4%	3 13.6%	14 25.0%	30 22.6%
UNAIDED: Cellulose (gray and is blown in)	63 21.1%	47 29.2%	16 11.6%	35 23.3%	24 21.4%	4 11.1%	2 4.2%	40 27.2%	7 14.3%	10 26.3%	4 23.5%	9 25.7%	6 11.3%	6 27.3%	10 17.9%	32 24.1%
PROMPTED: Cellulose (gray and is blown in)	55 18.4%	37 23.0%	18 13.0%	30 20.0%	24 21.4%	1 2.8%	6 12.5%	27 18.4%	10 20.4%	8 21.1%	4 23.5%	2 5.7%	10 18.9%	2 9.1%	15 26.8%	26 19.5%
PROMPTED: Fiberglass (pink, yellow or white; comes in batts, rolls, or blankets and can also be blown in)	52 17.4%	23 14.3%	29 21.0%	28 18.7%	16 14.3%	8 22.2%	9 18.8%	22 15.0%	12 24.5%	9 23.7%	0 0.0%	10 28.6%	10 18.9%	5 22.7%	7 12.5%	20 15.0%
PROMPTED, BUT COULDN'T IDENTIFY KIND: Blown-in, but unsure which kind	15 5.0%	6 3.7%	9 6.5%	3 2.0%	8 7.1%	4 11.1%	4 8.3%	9 6.1%	2 4.1%	0 0.0%	0 0.0%	1 2.9%	2 3.8%	1 4.5%	4 7.1%	7 5.3%
Don't know	48 16.1%	11 6.8%	37 26.8%	18 12.0%	20 17.9%	9 25.0%	10 20.8%	20 13.6%	9 18.4%	3 7.9%	6 35.3%	8 22.9%	11 20.8%	5 22.7%	6 10.7%	18 13.5%
No Response	1	1	0	1	0	0	0	1	0	0	0	0	0	0	1	0

(continued)

BREC End-Use and Energy Efficiency Survey (December 2007)

Table 19: If you were going to add insulation to your attic, what kind would you choose?

All MCRECC respondents

	Total	Age					Type of home				Education				
		18-34	35-44	45-54	55-64	65+	Single-story	Multi-story	Mobile	Other	<HS grad	HS grad	Some college	College grad	Post college
Unweighted Base	300	26	41	67	75	85	158	67	49	26	52	144	60	25	16
Base	300	26	41	67	75	85	158	67	49	26	52	144	60	25	16
UNAIDED: Fiberglass/pink stuff (pink, yellow or white; comes in batts, rolls, or blankets and can also be blown in)	66 22.1%	2 7.7%	9 22.0%	15 22.7%	14 18.7%	26 30.6%	26 16.6%	17 25.4%	13 26.5%	10 38.5%	13 25.0%	33 22.9%	14 23.7%	4 16.0%	2 12.5%
UNAIDED: Cellulose (gray and is blown in)	63 21.1%	5 19.2%	12 29.3%	12 18.2%	19 25.3%	12 14.1%	40 25.5%	16 23.9%	5 10.2%	2 7.7%	8 15.4%	26 18.1%	15 25.4%	8 32.0%	4 25.0%
PROMPTED: Cellulose (gray and is blown in)	55 18.4%	5 19.2%	7 17.1%	12 18.2%	16 21.3%	15 17.6%	36 22.9%	12 17.9%	4 8.2%	3 11.5%	7 13.5%	30 20.8%	9 15.3%	4 16.0%	5 31.3%
PROMPTED: Fiberglass (pink, yellow or white; comes in batts, rolls, or blankets and can also be blown in)	52 17.4%	7 26.9%	4 9.8%	14 21.2%	15 20.0%	11 12.9%	30 19.1%	8 11.9%	11 22.4%	3 11.5%	6 11.5%	33 22.9%	5 8.5%	5 20.0%	3 18.8%
PROMPTED, BUT COULDN'T IDENTIFY KIND: Blown-in, but unsure which kind	15 5.0%	0 0.0%	1 2.4%	3 4.5%	2 2.7%	9 10.6%	8 5.1%	3 4.5%	1 2.0%	3 11.5%	2 3.8%	7 4.9%	5 8.5%	0 0.0%	1 6.3%
Don't know	48 16.1%	7 26.9%	8 19.5%	10 15.2%	9 12.0%	12 14.1%	17 10.8%	11 16.4%	15 30.6%	5 19.2%	16 30.8%	15 10.4%	11 18.6%	4 16.0%	1 6.3%
No Response	1	0	0	1	0	0	1	0	0	0	0	0	1	0	0

(continued)

BREC End-Use and Energy Efficiency Survey (December 2007)

Table 19: If you were going to add insulation to your attic, what kind would you choose?

All MCRECC respondents

	Total	Income					Overall Satisfaction		Age of home						Primary heating source			
		< \$15K	\$15K-\$25K	\$25K-\$40K	\$40-\$75K	> \$75K	Less than satis.	Satis.	<5 yrs	5-10	11-20	21-30	31-50	50+ yrs	Elec. furn.	HP/ geoth.	NG furn.	Prop. furn.
Unweighted Base	300	40	30	54	72	60	53	247	23	47	64	64	61	38	70	59	33	60
Base	300	40	30	54	72	60	53	247	23	47	64	64	61	38	70	59	33	60
UNAIDED: Fiberglass/pink stuff (pink, yellow or white; comes in batts, rolls, or blankets and can also be blown in)	66 22.1%	16 40.0%	6 20.0%	9 17.0%	14 19.4%	10 16.7%	12 22.6%	54 22.0%	5 21.7%	10 21.3%	12 19.0%	16 25.0%	11 18.0%	11 28.9%	14 20.0%	16 27.6%	7 21.2%	10 16.7%
UNAIDED: Cellulose (gray and is blown in)	63 21.1%	2 5.0%	3 10.0%	7 13.2%	22 30.6%	20 33.3%	7 13.2%	56 22.8%	6 26.1%	7 14.9%	17 27.0%	12 18.8%	18 29.5%	3 7.9%	15 21.4%	17 29.3%	3 9.1%	14 23.3%
PROMPTED: Cellulose (gray and is blown in)	55 18.4%	4 10.0%	6 20.0%	14 26.4%	11 15.3%	14 23.3%	9 17.0%	46 18.7%	3 13.0%	6 12.8%	14 22.2%	11 17.2%	11 18.0%	10 26.3%	7 10.0%	9 15.5%	9 27.3%	18 30.0%
PROMPTED: Fiberglass (pink, yellow or white; comes in batts, rolls, or blankets and can also be blown in)	52 17.4%	4 10.0%	6 20.0%	10 18.9%	13 18.1%	12 20.0%	11 20.8%	41 16.7%	7 30.4%	8 17.0%	8 12.7%	12 18.8%	11 18.0%	6 15.8%	15 21.4%	8 13.8%	7 21.2%	11 18.3%
PROMPTED, BUT COULDN'T IDENTIFY KIND: Blown-in, but unsure which kind	15 5.0%	3 7.5%	5 16.7%	3 5.7%	3 4.2%	0 0.0%	2 3.8%	13 5.3%	0 0.0%	4 8.5%	1 1.6%	4 6.3%	3 4.9%	3 7.9%	4 5.7%	2 3.4%	3 9.1%	2 3.3%
Don't know	48 16.1%	11 27.5%	4 13.3%	10 18.9%	9 12.5%	4 6.7%	12 22.6%	36 14.6%	2 8.7%	12 25.5%	11 17.5%	9 14.1%	7 11.5%	5 13.2%	15 21.4%	6 10.3%	4 12.1%	5 8.3%
No Response	1	0	0	1	0	0	0	1	0	0	1	0	0	0	0	1	0	0

BREC End-Use and Energy Efficiency Survey (December 2007)

Table 20: If you were purchasing replacement windows for your home, what features would you look for?

All MCRECC respondents

	Gender		Financial burden of the electric bill			Number of people in the home					Length of time served by co-op					
	Total	Male	Female	Not too much	Some	Quite a bit	1	2	3	4	5+	<5 yrs.	5-10	11-15	16-25	>25 yrs.
Unweighted Base	300	162	138	151	112	36	48	148	49	38	17	35	53	22	57	133
Base	300	162	138	151	112	36	48	148	49	38	17	35	53	22	57	133
Double-pane/multiple pane/more than one pane/encasement	185 61.9%	104 64.2%	81 59.1%	98 64.9%	66 59.5%	21 58.3%	25 52.1%	87 59.2%	35 71.4%	27 71.1%	11 64.7%	24 68.6%	35 66.0%	16 72.7%	34 59.6%	76 57.6%
Tilt-in/easy to clean	98 32.8%	41 25.3%	57 41.6%	47 31.1%	43 38.7%	8 22.2%	21 43.8%	51 34.7%	10 20.4%	11 28.9%	5 29.4%	8 22.9%	22 41.5%	7 31.8%	17 29.8%	44 33.3%
Energy-efficient (generic)	38 12.7%	28 17.3%	10 7.3%	20 13.2%	16 14.4%	2 5.6%	7 14.6%	13 8.8%	8 16.3%	10 26.3%	0 0.0%	5 14.3%	8 15.1%	4 18.2%	8 14.0%	13 9.8%
Gas filled/gas between the panes	32 10.7%	25 15.4%	7 5.1%	20 13.2%	9 8.1%	3 8.3%	3 6.3%	12 8.2%	4 8.2%	9 23.7%	4 23.5%	5 14.3%	7 13.2%	4 18.2%	5 8.8%	11 8.3%
Air-tight/good seal	31 10.4%	14 8.6%	17 12.4%	19 12.6%	8 7.2%	4 11.1%	8 16.7%	15 10.2%	4 8.2%	2 5.3%	2 11.8%	2 5.7%	6 11.3%	0 0.0%	2 3.5%	21 15.9%
Low-E coating/(clear) coating to prevent heat and UV rays from passing through the glass	25 8.4%	16 9.9%	9 6.6%	17 11.3%	6 5.4%	2 5.6%	2 4.2%	16 10.9%	2 4.1%	4 10.5%	1 5.9%	2 5.7%	7 13.2%	4 18.2%	3 5.3%	9 6.8%
Insulated (non-specific)	13 4.3%	8 4.9%	5 3.6%	9 6.0%	3 2.7%	1 2.8%	3 6.3%	8 5.4%	2 4.1%	0 0.0%	0 0.0%	1 2.9%	2 3.8%	1 4.5%	3 5.3%	6 4.5%
Tinted	11 3.7%	5 3.1%	6 4.4%	8 5.3%	1 0.9%	2 5.6%	1 2.1%	6 4.1%	3 6.1%	1 2.6%	0 0.0%	1 2.9%	2 3.8%	0 0.0%	2 3.5%	6 4.5%
Vinyl frame work	11 3.7%	9 5.6%	2 1.5%	6 4.0%	5 4.5%	0 0.0%	0 0.0%	7 4.8%	1 2.0%	2 5.3%	1 5.9%	3 8.6%	1 1.9%	1 4.5%	2 3.5%	4 3.0%
Thermal	9 3.0%	3 1.9%	6 4.4%	5 3.3%	2 1.8%	2 5.6%	1 2.1%	7 4.8%	1 2.0%	0 0.0%	0 0.0%	1 2.9%	1 1.9%	0 0.0%	2 3.5%	5 3.8%

(continued)

BREC End-Use and Energy Efficiency Survey (December 2007)

Table 20: If you were purchasing replacement windows for your home, what features would you look for?

(continued)

All MCRECC respondents

	Gender		Financial burden of the electric bill			Number of people in the home					Length of time served by co-op					
	Total	Male	Female	Not too much	Some	Quite a bit	1	2	3	4	5+	<5 yrs.	5-10	11-15	16-25	>25 yrs.
Unweighted Base	300	162	138	151	112	36	48	148	49	38	17	35	53	22	57	133
Base	300	162	138	151	112	36	48	148	49	38	17	35	53	22	57	133
Double hung	5 1.7%	5 3.1%	0 0.0%	2 1.3%	3 2.7%	0 0.0%	1 2.1%	1 0.7%	0 0.0%	1 2.6%	2 11.8%	0 0.0%	1 1.9%	1 4.5%	1 1.8%	2 1.5%
R-factor	4 1.3%	1 0.6%	3 2.2%	1 0.7%	3 2.7%	0 0.0%	0 0.0%	2 1.4%	1 2.0%	1 2.6%	0 0.0%	1 2.9%	0 0.0%	0 0.0%	2 3.5%	1 0.8%
Lifetime warranty/good warranty	3 1.0%	2 1.2%	1 0.7%	3 2.0%	0 0.0%	0 0.0%	0 0.0%	1 0.7%	0 0.0%	1 2.6%	1 5.9%	0 0.0%	1 1.9%	1 4.5%	1 1.8%	0 0.0%
Safe locking mechanism	3 1.0%	1 0.6%	2 1.5%	1 0.7%	2 1.8%	0 0.0%	0 0.0%	3 2.0%	0 0.0%	0 0.0%	0 0.0%	1 2.9%	2 3.8%	0 0.0%	0 0.0%	0 0.0%
Brand name	3 1.0%	2 1.2%	1 0.7%	2 1.3%	1 0.9%	0 0.0%	1 2.1%	1 0.7%	1 2.0%	0 0.0%	0 0.0%	0 0.0%	1 1.9%	1 4.5%	1 1.8%	0 0.0%
Price	3 1.0%	2 1.2%	1 0.7%	1 0.7%	1 0.9%	1 2.8%	1 2.1%	2 1.4%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	1 4.5%	2 3.5%	0 0.0%
Wood framed/wood core	3 1.0%	3 1.9%	0 0.0%	3 2.0%	0 0.0%	0 0.0%	1 2.1%	1 0.7%	1 2.0%	0 0.0%	0 0.0%	1 2.9%	0 0.0%	1 4.5%	0 0.0%	1 0.8%
EV ratings	2 0.7%	2 1.2%	0 0.0%	1 0.7%	0 0.0%	1 2.8%	0 0.0%	2 1.4%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	1 1.8%	1 0.8%
Easy to open	2 0.7%	1 0.6%	1 0.7%	0 0.0%	2 1.8%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	2 11.8%	1 2.9%	0 0.0%	0 0.0%	0 0.0%	1 0.8%

(continued)

BREC End-Use and Energy Efficiency Survey (December 2007)

Table 20: If you were purchasing replacement windows for your home, what features would you look for?

(continued)

All MCRECC respondents

	Gender		Financial burden of the electric bill			Number of people in the home					Length of time served by co-op					
	Total	Male	Female	Not too much	Some	Quite a bit	1	2	3	4	5+	<5 yrs.	5-10	11-15	16-25	>25 yrs.
Unweighted Base	300	162	138	151	112	36	48	148	49	38	17	35	53	22	57	133
Base	300	162	138	151	112	36	48	148	49	38	17	35	53	22	57	133
Durability	2 0.7%	1 0.6%	1 0.7%	2 1.3%	0 0.0%	0 0.0%	0 0.0%	2 1.4%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	1 1.8%	1 0.8%
Maintenance free	2 0.7%	1 0.6%	1 0.7%	1 0.7%	1 0.9%	0 0.0%	0 0.0%	1 0.7%	0 0.0%	1 2.6%	0 0.0%	1 2.9%	1 1.9%	0 0.0%	0 0.0%	0 0.0%
Blinds in the middle	2 0.7%	1 0.6%	1 0.7%	1 0.7%	1 0.9%	0 0.0%	0 0.0%	1 0.7%	0 0.0%	1 2.6%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	1 1.8%	1 0.8%
Single hung	2 0.7%	2 1.2%	0 0.0%	1 0.7%	1 0.9%	0 0.0%	0 0.0%	1 0.7%	0 0.0%	0 0.0%	1 5.9%	0 0.0%	0 0.0%	1 4.5%	0 0.0%	1 0.8%
Looks	2 0.7%	1 0.6%	1 0.7%	1 0.7%	0 0.0%	1 2.8%	1 2.1%	1 0.7%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	2 1.5%
Storm windows	2 0.7%	2 1.2%	0 0.0%	1 0.7%	1 0.9%	0 0.0%	1 2.1%	1 0.7%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	1 1.9%	0 0.0%	0 0.0%	1 0.8%
Insulated with thick glass	2 0.7%	1 0.6%	1 0.7%	1 0.7%	1 0.9%	0 0.0%	1 2.1%	1 0.7%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	2 1.5%
Aluminum sided	1 0.3%	1 0.6%	0 0.0%	0 0.0%	1 0.9%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	1 2.6%	0 0.0%	1 2.9%	0 0.0%	0 0.0%	0 0.0%	0 0.0%
Fiberglass wood	1 0.3%	1 0.6%	0 0.0%	0 0.0%	1 0.9%	0 0.0%	0 0.0%	1 0.7%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	1 0.8%

(continued)

BREC End-Use and Energy Efficiency Survey (December 2007)

Table 20: If you were purchasing replacement windows for your home, what features would you look for?

(continued)

All MCRECC respondents

	Gender		Financial burden of the electric bill			Number of people in the home					Length of time served by co-op						
	Total	Male	Female	Not too much	Some	Quite a bit	1	2	3	4	5+	<5 yrs.	5-10	11-15	16-25	>25 yrs.	
Unweighted Base	300	162	138	151	112	36	48	148	49	38	17	35	53	22	57	133	
Base	300	162	138	151	112	36	48	148	49	38	17	35	53	22	57	133	
Triple insulated	1 0.3%	0 0.0%	1 0.7%	0 0.0%	1 0.9%	0 0.0%	1 2.1%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	1 1.8%	0 0.0%
Well installed	1 0.3%	1 0.6%	0 0.0%	0 0.0%	1 0.9%	0 0.0%	0 0.0%	1 0.7%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	1 1.8%	0 0.0%
Don't know	18 6.0%	6 3.7%	12 8.8%	8 5.3%	5 4.5%	4 11.1%	3 6.3%	12 8.2%	2 4.1%	1 2.6%	0 0.0%	2 5.7%	1 1.9%	1 4.5%	3 5.3%	11 8.3%	
No Response	1	0	1	0	1	0	0	1	0	0	0	0	0	0	0	1	

(continued)

BREC End-Use and Energy Efficiency Survey (December 2007)

Table 20: If you were purchasing replacement windows for your home, what features would you look for?

All MCRECC respondents

	Total	Age					Type of home				Education				
		18-34	35-44	45-54	55-64	65+	Single-story	Multi-story	Mobile	Other	<HS grad	HS grad	Some college	College grad	Post college
Unweighted Base	300	26	41	67	75	85	158	67	49	26	52	144	60	25	16
Base	300	26	41	67	75	85	158	67	49	26	52	144	60	25	16
Double-pane/multiple pane/more than one pane/encasement	185 61.9%	16 61.5%	26 63.4%	46 68.7%	50 66.7%	44 51.8%	96 60.8%	46 69.7%	26 53.1%	17 65.4%	31 59.6%	89 61.8%	37 61.7%	15 62.5%	10 62.5%
Tilt-in/easy to clean	98 32.8%	8 30.8%	9 22.0%	23 34.3%	26 34.7%	29 34.1%	46 29.1%	25 37.9%	15 30.6%	12 46.2%	18 34.6%	46 31.9%	24 40.0%	6 25.0%	4 25.0%
Energy-efficient (generic)	38 12.7%	5 19.2%	13 31.7%	9 13.4%	6 8.0%	4 4.7%	21 13.3%	6 9.1%	4 8.2%	7 26.9%	4 7.7%	19 13.2%	9 15.0%	5 20.8%	1 6.3%
Gas filled/gas between the panes	32 10.7%	4 15.4%	4 9.8%	11 16.4%	8 10.7%	5 5.9%	17 10.8%	9 13.6%	3 6.1%	3 11.5%	5 9.6%	12 8.3%	9 15.0%	2 8.3%	4 25.0%
Air-tight/good seal	31 10.4%	1 3.8%	1 2.4%	2 3.0%	11 14.7%	16 18.8%	19 12.0%	6 9.1%	3 6.1%	3 11.5%	7 13.5%	13 9.0%	7 11.7%	2 8.3%	2 12.5%
Low-E coating/(clear) coating to prevent heat and UV rays from passing through the glass	25 8.4%	1 3.8%	2 4.9%	6 9.0%	7 9.3%	9 10.6%	13 8.2%	9 13.6%	2 4.1%	1 3.8%	3 5.8%	8 5.6%	5 8.3%	6 25.0%	3 18.8%
Insulated (non-specific)	13 4.3%	1 3.8%	0 0.0%	4 6.0%	1 1.3%	7 8.2%	8 5.1%	2 3.0%	2 4.1%	1 3.8%	0 0.0%	9 6.3%	2 3.3%	1 4.2%	1 6.3%
Tinted	11 3.7%	0 0.0%	2 4.9%	3 4.5%	3 4.0%	3 3.5%	6 3.8%	2 3.0%	1 2.0%	2 7.7%	1 1.9%	4 2.8%	4 6.7%	2 8.3%	0 0.0%
Vinyl frame work	11 3.7%	0 0.0%	2 4.9%	4 6.0%	4 5.3%	1 1.2%	6 3.8%	3 4.5%	2 4.1%	0 0.0%	2 3.8%	7 4.9%	1 1.7%	1 4.2%	0 0.0%
Thermal	9 3.0%	0 0.0%	0 0.0%	3 4.5%	3 4.0%	3 3.5%	6 3.8%	2 3.0%	0 0.0%	1 3.8%	0 0.0%	5 3.5%	2 3.3%	1 4.2%	1 6.3%

(continued)

BREC End-Use and Energy Efficiency Survey (December 2007)

Table 20: If you were purchasing replacement windows for your home, what features would you look for?

(continued)

All MCRECC respondents

	Age						Type of home				Education				
	Total	18-34	35-44	45-54	55-64	65+	Single-story	Multi-story	Mobile	Other	<HS grad	HS grad	Some college	College grad	Post college
Unweighted Base	300	26	41	67	75	85	158	67	49	26	52	144	60	25	16
Base	300	26	41	67	75	85	158	67	49	26	52	144	60	25	16
Double hung	5 1.7%	1 3.8%	1 2.4%	2 3.0%	0 0.0%	1 1.2%	3 1.9%	2 3.0%	0 0.0%	0 0.0%	0 0.0%	2 1.4%	2 3.3%	0 0.0%	1 6.3%
R-factor	4 1.3%	0 0.0%	1 2.4%	0 0.0%	3 4.0%	0 0.0%	2 1.3%	1 1.5%	1 2.0%	0 0.0%	0 0.0%	3 2.1%	1 1.7%	0 0.0%	0 0.0%
Lifetime warranty/good warranty	3 1.0%	0 0.0%	1 2.4%	2 3.0%	0 0.0%	0 0.0%	2 1.3%	1 1.5%	0 0.0%	0 0.0%	0 0.0%	1 0.7%	2 3.3%	0 0.0%	0 0.0%
Safe locking mechanism	3 1.0%	2 7.7%	0 0.0%	1 1.5%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	1 2.0%	2 7.7%	0 0.0%	1 0.7%	1 1.7%	1 4.2%	0 0.0%
Brand name	3 1.0%	0 0.0%	2 4.9%	0 0.0%	1 1.3%	0 0.0%	3 1.9%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	2 1.4%	1 1.7%	0 0.0%	0 0.0%
Price	3 1.0%	0 0.0%	1 2.4%	2 3.0%	0 0.0%	0 0.0%	1 0.6%	0 0.0%	1 2.0%	1 3.8%	0 0.0%	2 1.4%	1 1.7%	0 0.0%	0 0.0%
Wood framed/wood core	3 1.0%	0 0.0%	0 0.0%	0 0.0%	1 1.3%	2 2.4%	1 0.6%	2 3.0%	0 0.0%	0 0.0%	0 0.0%	1 0.7%	0 0.0%	1 4.2%	1 6.3%
EV ratings	2 0.7%	0 0.0%	0 0.0%	0 0.0%	1 1.3%	1 1.2%	1 0.6%	0 0.0%	1 2.0%	0 0.0%	1 1.9%	0 0.0%	0 0.0%	1 4.2%	0 0.0%
Easy to open	2 0.7%	1 3.8%	1 2.4%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	1 1.5%	1 2.0%	0 0.0%	1 1.9%	0 0.0%	1 1.7%	0 0.0%	0 0.0%
Durability	2 0.7%	0 0.0%	0 0.0%	1 1.5%	0 0.0%	1 1.2%	2 1.3%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	1 0.7%	1 1.7%	0 0.0%	0 0.0%

(continued)

BREC End-Use and Energy Efficiency Survey (December 2007)

Table 20: If you were purchasing replacement windows for your home, what features would you look for?

(continued)

All MCRECC respondents

	Age						Type of home				Education				
	Total	18-34	35-44	45-54	55-64	65+	Single-story	Multi-story	Mobile	Other	<HS grad	HS grad	Some college	College grad	Post college
Unweighted Base	300	26	41	67	75	85	158	67	49	26	52	144	60	25	16
Base	300	26	41	67	75	85	158	67	49	26	52	144	60	25	16
Maintenance free	2 0.7%	0 0.0%	1 2.4%	0 0.0%	1 1.3%	0 0.0%	1 0.6%	1 1.5%	0 0.0%	0 0.0%	0 0.0%	1 0.7%	0 0.0%	1 4.2%	0 0.0%
Blinds in the middle	2 0.7%	0 0.0%	1 2.4%	0 0.0%	1 1.3%	0 0.0%	2 1.3%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	2 3.3% +++	0 0.0%	0 0.0%
Single hung	2 0.7%	0 0.0%	1 2.4%	0 0.0%	1 1.3%	0 0.0%	0 0.0%	2 3.0% +++	0 0.0%	0 0.0%	1 1.9%	0 0.0%	0 0.0%	0 0.0%	1 6.3%
Looks	2 0.7%	0 0.0%	0 0.0%	0 0.0%	1 1.3%	1 1.2%	2 1.3%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	2 1.4%	0 0.0%	0 0.0%	0 0.0%
Storm windows	2 0.7%	0 0.0%	0 0.0%	1 1.5%	0 0.0%	1 1.2%	0 0.0%	1 1.5%	1 2.0%	0 0.0%	0 0.0%	1 0.7%	0 0.0%	0 0.0%	0 0.0%
Insulated with thick glass	2 0.7%	0 0.0%	0 0.0%	0 0.0%	1 1.3%	1 1.2%	1 0.6%	1 1.5%	0 0.0%	0 0.0%	0 0.0%	1 0.7%	1 1.7%	0 0.0%	0 0.0%
Aluminum sided	1 0.3%	0 0.0%	0 0.0%	1 1.5% +	0 0.0%	0 0.0%	0 0.0%	1 1.5% +	0 0.0%	0 0.0%	0 0.0%	1 0.7%	0 0.0%	0 0.0%	0 0.0%
Fiberglass wood	1 0.3%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	1 1.2%	1 0.6%	0 0.0%	0 0.0%	0 0.0%	1 1.9%	0 0.0%	0 0.0%	0 0.0%	0 0.0%
Triple insulated	1 0.3%	0 0.0%	1 2.4% ++	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	1 2.0% ++	0 0.0%	0 0.0%	1 0.7%	0 0.0%	0 0.0%	0 0.0%
Well installed	1 0.3%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	1 1.2%	1 0.6%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	1 1.7% ++	0 0.0%	0 0.0%

(continued)

BREC End-Use and Energy Efficiency Survey (December 2007)

Table 20: If you were purchasing replacement windows for your home, what features would you look for?

(continued)

All MCRECC respondents

	Age					Type of home				Education					
	Total	18-34	35-44	45-54	55-64	65+	Single-story	Multi-story	Mobile	Other	<HS grad	HS grad	Some college	College grad	Post college
Unweighted Base	300	26	41	67	75	85	158	67	49	26	52	144	60	25	16
Base	300	26	41	67	75	85	158	67	49	26	52	144	60	25	16
Don't know	18 6.0%	0 0.0%	2 4.9%	3 4.5%	5 6.7%	8 9.4%	10 6.3%	3 4.5%	4 8.2%	1 3.8%	4 7.7%	10 6.9%	1 1.7%	1 4.2%	2 12.5%
No Response	1	0	0	0	0	0	0	1	0	0	0	0	0	1	0

(continued)

BREC End-Use and Energy Efficiency Survey (December 2007)

Table 20: If you were purchasing replacement windows for your home, what features would you look for?

All MCRECC respondents

	Total	Income					Overall Satisfaction		Age of home						Primary heating source			
		< \$15K	\$15K-\$25K	\$25K-\$40K	\$40-\$75K	> \$75K	Less than satis.	Satis.	<5 yrs	5-10	11-20	21-30	31-50	50+ yrs	Elec. furn.	HP/ geoth.	NG furn.	Prop. furn.
Unweighted Base	300	40	30	54	72	60	53	247	23	47	64	64	61	38	70	59	33	60
Base	300	40	30	54	72	60	53	247	23	47	64	64	61	38	70	59	33	60
Double-pane/multiple pane/more than one pane/encasement	185 61.9%	19 47.5%	18 60.0%	33 61.1%	47 65.3%	42 70.0%	32 60.4%	153 62.2%	16 69.6%	30 63.8%	39 60.9%	41 65.1%	37 60.7%	20 52.6%	47 67.1%	36 62.1%	14 42.4%	34 56.7%
Tilt-in/easy to clean	98 32.8%	14 35.0%	14 46.7%	17 31.5%	23 31.9%	17 28.3%	18 34.0%	80 32.5%	4 17.4%	17 36.2%	21 32.8%	26 41.3%	11 18.0%	18 47.4%	29 41.4%	19 32.8%	12 36.4%	16 26.7%
Energy-efficient (generic)	38 12.7%	2 5.0%	0 0.0%	11 20.4%	11 15.3%	9 15.0%	6 11.3%	32 13.0%	5 21.7%	8 17.0%	9 14.1%	10 15.9%	3 4.9%	3 7.9%	10 14.3%	8 13.8%	4 12.1%	10 16.7%
Gas filled/gas between the panes	32 10.7%	2 5.0%	1 3.3%	3 5.6%	10 13.9%	13 21.7%	8 15.1%	24 9.8%	3 13.0%	6 12.8%	7 10.9%	6 9.5%	7 11.5%	2 5.3%	10 14.3%	9 15.5%	3 9.1%	3 5.0%
Air-tight/good seal	31 10.4%	5 12.5%	7 23.3%	8 14.8%	6 8.3%	3 5.0%	2 3.8%	29 11.8%	2 8.7%	4 8.5%	2 3.1%	9 14.3%	7 11.5%	6 15.8%	1 1.4%	7 12.1%	6 18.2%	9 15.0%
Low-E coating/(clear) coating to prevent heat and UV rays from passing through the glass	25 8.4%	0 0.0%	2 6.7%	3 5.6%	6 8.3%	7 11.7%	3 5.7%	22 8.9%	5 21.7%	4 8.5%	5 7.8%	4 6.3%	3 4.9%	4 10.5%	4 5.7%	11 19.0%	2 6.1%	4 6.7%
Insulated (non-specific)	13 4.3%	2 5.0%	0 0.0%	5 9.3%	2 2.8%	2 3.3%	0 0.0%	13 5.3%	0 0.0%	3 6.4%	2 3.1%	3 4.8%	2 3.3%	3 7.9%	3 4.3%	2 3.4%	2 6.1%	3 5.0%
Tinted	11 3.7%	2 5.0%	3 10.0%	0 0.0%	2 2.8%	3 5.0%	2 3.8%	9 3.7%	1 4.3%	1 2.1%	4 6.3%	3 4.8%	2 3.3%	0 0.0%	4 5.7%	5 8.6%	1 3.0%	0 0.0%
Vinyl frame work	11 3.7%	0 0.0%	0 0.0%	2 3.7%	6 8.3%	2 3.3%	2 3.8%	9 3.7%	1 4.3%	2 4.3%	4 6.3%	3 4.8%	1 1.6%	0 0.0%	1 1.4%	3 5.2%	0 0.0%	5 8.3%
Thermal	9 3.0%	0 0.0%	1 3.3%	2 3.7%	2 2.8%	2 3.3%	0 0.0%	9 3.7%	0 0.0%	2 4.3%	2 3.1%	3 4.8%	2 3.3%	0 0.0%	0 0.0%	2 3.4%	0 0.0%	5 8.3%

(continued)

BREC End-Use and Energy Efficiency Survey (December 2007)

Table 20: If you were purchasing replacement windows for your home, what features would you look for?

(continued)

All MCRECC respondents

	Total	Income					Overall Satisfaction		Age of home						Primary heating source			
		< \$15K	\$15K-\$25K	\$25K-\$40K	\$40-\$75K	> \$75K	Less than satis.	Satis.	<5 yrs	5-10	11-20	21-30	31-50	50+ yrs	Elec. furn.	HP/ geoth.	NG furn.	Prop. furn.
Unweighted Base	300	40	30	54	72	60	53	247	23	47	64	64	61	38	70	59	33	60
Base	300	40	30	54	72	60	53	247	23	47	64	64	61	38	70	59	33	60
Double hung	5 1.7%	0 0.0%	0 0.0%	2 3.7%	1 1.4%	2 3.3%	1 1.9%	4 1.6%	0 0.0%	0 0.0%	3 4.7%	0 0.0%	2 3.3%	0 0.0%	1 1.4%	2 3.4%	1 3.0%	1 1.7%
R-factor	4 1.3%	0 0.0%	1 3.3%	1 1.9%	1 1.4%	1 1.7%	0 0.0%	4 1.6%	0 0.0%	0 0.0%	1 1.6%	2 3.2%	0 0.0%	1 2.6%	1 1.4%	0 0.0%	1 3.0%	1 1.7%
Lifetime warranty/good warranty	3 1.0%	0 0.0%	0 0.0%	0 0.0%	1 1.4%	2 3.3%	0 0.0%	3 1.2%	0 0.0%	0 0.0%	1 1.6%	1 1.6%	1 1.6%	0 0.0%	0 0.0%	1 1.7%	2 6.1%	0 0.0%
Safe locking mechanism	3 1.0%	1 2.5%	0 0.0%	0 0.0%	1 1.4%	1 1.7%	2 3.8%	1 0.4%	0 0.0%	1 2.1%	2 3.1%	0 0.0%	0 0.0%	0 0.0%	2 2.9%	1 1.7%	0 0.0%	0 0.0%
Brand name	3 1.0%	0 0.0%	0 0.0%	0 0.0%	3 4.2%	0 0.0%	0 0.0%	3 1.2%	0 0.0%	0 0.0%	1 1.6%	2 3.2%	0 0.0%	0 0.0%	0 0.0%	1 1.7%	1 3.0%	1 1.7%
Price	3 1.0%	0 0.0%	0 0.0%	1 1.9%	1 1.4%	0 0.0%	0 0.0%	3 1.2%	0 0.0%	0 0.0%	3 4.7%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	1 1.7%	1 3.0%	0 0.0%
Wood framed/wood core	3 1.0%	0 0.0%	0 0.0%	0 0.0%	1 1.4%	2 3.3%	0 0.0%	3 1.2%	0 0.0%	0 0.0%	0 0.0%	2 3.2%	1 1.6%	0 0.0%	1 1.4%	0 0.0%	0 0.0%	1 1.7%
EV ratings	2 0.7%	1 2.5%	0 0.0%	0 0.0%	0 0.0%	1 1.7%	0 0.0%	2 0.8%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	2 3.3%	0 0.0%	0 0.0%	1 1.7%	0 0.0%	0 0.0%
Easy to open	2 0.7%	1 2.5%	0 0.0%	0 0.0%	1 1.4%	0 0.0%	1 1.9%	1 0.4%	0 0.0%	2 4.3%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%

(continued)

BREC End-Use and Energy Efficiency Survey (December 2007)

Table 20: If you were purchasing replacement windows for your home, what features would you look for?

(continued)

All MCRECC respondents

	Total	Income					Overall Satisfaction		Age of home						Primary heating source			
		< \$15K	\$15K-\$25K	\$25K-\$40K	\$40-\$75K	> \$75K	Less than satis.	Satis.	<5 yrs	5-10	11-20	21-30	31-50	50+ yrs	Elec. furn.	HP/ geoth.	NG furn.	Prop. furn.
Unweighted Base	300	40	30	54	72	60	53	247	23	47	64	64	61	38	70	59	33	60
Base	300	40	30	54	72	60	53	247	23	47	64	64	61	38	70	59	33	60
Durability	2 0.7%	0 0.0%	0 0.0%	1 1.9%	1 1.4%	0 0.0%	0 0.0%	2 0.8%	0 0.0%	0 0.0%	1 1.6%	0 0.0%	1 1.6%	0 0.0%	0 0.0%	1 1.7%	0 0.0%	1 1.7%
Maintenance free	2 0.7%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	1 1.7%	1 1.9%	1 0.4%	0 0.0%	0 0.0%	1 1.6%	0 0.0%	0 0.0%	1 2.6%	0 0.0%	1 1.7%	0 0.0%	1 1.7%
Blinds in the middle	2 0.7%	0 0.0%	0 0.0%	0 0.0%	1 1.4%	0 0.0%	1 1.9%	1 0.4%	1 4.3%	0 0.0%	1 1.6%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	2 3.4% +++	0 0.0%	0 0.0%
Single hung	2 0.7%	0 0.0%	0 0.0%	0 0.0%	2 2.8% ++	0 0.0%	0 0.0%	2 0.8%	0 0.0%	0 0.0%	1 1.6%	1 1.6%	0 0.0%	0 0.0%	0 0.0%	1 1.7%	0 0.0%	1 1.7%
Looks	2 0.7%	0 0.0%	0 0.0%	0 0.0%	1 1.4%	0 0.0%	0 0.0%	2 0.8%	0 0.0%	0 0.0%	1 1.6%	1 1.6%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	1 3.0% +	1 1.7%
Storm windows	2 0.7%	1 2.5%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	1 1.9%	1 0.4%	0 0.0%	0 0.0%	1 1.6%	0 0.0%	0 0.0%	1 2.6%	0 0.0%	1 1.7%	0 0.0%	1 1.7%
Insulated with thick glass	2 0.7%	0 0.0%	1 3.3% +	0 0.0%	0 0.0%	1 1.7%	0 0.0%	2 0.8%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	1 1.6%	1 2.6%	1 1.4%	0 0.0%	0 0.0%	0 0.0%
Aluminum sided	1 0.3%	0 0.0%	0 0.0%	0 0.0%	1 1.4% +	0 0.0%	1 1.9% ++	0 0.0%	0 0.0%	1 2.1% ++	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	1 1.7% ++	0 0.0%	0 0.0%
Fiberglass wood	1 0.3%	1 2.5% ++	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	1 0.4%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	1 2.6% +++	0 0.0%	0 0.0%	0 0.0%	0 0.0%

(continued)

BREC End-Use and Energy Efficiency Survey (December 2007)

Table 20: If you were purchasing replacement windows for your home, what features would you look for?

(continued)

All MCRECC respondents

	Income						Overall Satisfaction		Age of home						Primary heating source			
	Total	< \$15K	\$15K- \$25K	\$25K- \$40K	\$40- \$75K	> \$75K	Less than satis.	Satis.	<5 yrs	5-10	11-20	21-30	31-50	50+ yrs	Elec. furn.	HP/ geoth.	NG furn.	Prop. furn.
Unweighted Base	300	40	30	54	72	60	53	247	23	47	64	64	61	38	70	59	33	60
Base	300	40	30	54	72	60	53	247	23	47	64	64	61	38	70	59	33	60
Triple insulated	1 0.3%	0 0.0%	0 0.0%	1 1.9%	0 0.0%	0 0.0%	1 1.9%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	1 1.6%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	1 3.0%	0 0.0%
Well installed	1 0.3%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	1 0.4%	0 0.0%	0 0.0%	0 0.0%	1 1.6%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%
Don't know	18 6.0%	7 17.5%	1 3.3%	1 1.9%	4 5.6%	3 5.0%	3 5.7%	15 6.1%	1 4.3%	2 4.3%	5 7.8%	1 1.6%	7 11.5%	1 2.6%	3 4.3%	2 3.4%	5 15.2%	4 6.7%
No Response	1	0	0	0	0	0	0	1	0	0	0	1	0	0	0	1	0	0

BREC End-Use and Energy Efficiency Survey (December 2007)

Table 21: If you went to a store to purchase a new appliance, what would you be looking for to let you know that the product was energy-efficient?

All MCRECC respondents

	Gender		Financial burden of the electric bill			Number of people in the home					Length of time served by co-op					
	Total	Male	Female	Not too much	Some	Quite a bit	1	2	3	4	5+	<5 yrs.	5-10	11-15	16-25	>25 yrs.
Unweighted Base	300	162	138	151	112	36	48	148	49	38	17	35	53	22	57	133
Base	300	162	138	151	112	36	48	148	49	38	17	35	53	22	57	133
"The ratings"/tag/numbers on the appliance—generic	95 31.9%	58 36.0%	37 27.0%	48 31.8%	38 34.5%	8 22.2%	11 22.9%	57 38.8%	12 24.5%	9 24.3%	6 35.3%	11 31.4%	19 35.8%	8 36.4%	11 19.6%	46 34.8%
Big yellow sticker with energy information	80 26.8%	41 25.5%	39 28.5%	42 27.8%	35 31.8%	3 8.3%	14 29.2%	38 25.9%	14 28.6%	9 24.3%	5 29.4%	10 28.6%	14 26.4%	4 18.2%	18 32.1%	34 25.8%
An Energy Star rating from the U.S. government	41 13.8%	23 14.3%	18 13.1%	25 16.6%	10 9.1%	6 16.7%	6 12.5%	13 8.8%	9 18.4%	11 29.7%	2 11.8%	6 17.1%	8 15.1%	7 31.8%	9 16.1%	11 8.3%
Information from salesman/dealer	5 1.7%	3 1.9%	2 1.5%	2 1.3%	2 1.8%	1 2.8%	1 2.1%	4 2.7%	0 0.0%	0 0.0%	0 0.0%	1 2.9%	0 0.0%	0 0.0%	2 3.6%	2 1.5%
Name brand	3 1.0%	2 1.2%	1 0.7%	2 1.3%	0 0.0%	1 2.8%	0 0.0%	2 1.4%	1 2.0%	0 0.0%	0 0.0%	0 0.0%	1 1.9%	1 4.5%	0 0.0%	1 0.8%
Talk to the dealer	1 0.3%	1 0.6%	0 0.0%	0 0.0%	1 0.9%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	1 2.7%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	1 1.8%	0 0.0%
The price	1 0.3%	1 0.6%	0 0.0%	1 0.7%	0 0.0%	0 0.0%	0 0.0%	1 0.7%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	1 0.8%
Info in book that comes with the appliance--adjusting for load sizes, water settings, etc.	1 0.3%	1 0.6%	0 0.0%	0 0.0%	1 0.9%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	1 2.7%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	1 1.8%	0 0.0%
I check to see if it's gas or electric	1 0.3%	0 0.0%	1 0.7%	1 0.7%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	1 2.0%	0 0.0%	0 0.0%	1 2.9%	0 0.0%	0 0.0%	0 0.0%	0 0.0%
Good Housekeeping seal	1 0.3%	1 0.6%	0 0.0%	1 0.7%	0 0.0%	0 0.0%	0 0.0%	1 0.7%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	1 0.8%

(continued)

BREC End-Use and Energy Efficiency Survey (December 2007)

Table 21: If you went to a store to purchase a new appliance, what would you be looking for to let you know that the product was energy-efficient?

(continued)

All MCRECC respondents

	Gender		Financial burden of the electric bill			Number of people in the home					Length of time served by co-op					
	Total	Male	Female	Not too much	Some	Quite a bit	1	2	3	4	5+	<5 yrs.	5-10	11-15	16-25	>25 yrs.
Unweighted Base	300	162	138	151	112	36	48	148	49	38	17	35	53	22	57	133
Base	300	162	138	151	112	36	48	148	49	38	17	35	53	22	57	133
Don't know	69	30	39	29	23	17	16	31	12	6	4	6	11	2	14	36
	23.2%	18.6%	28.5%	19.2%	20.9%	47.2%	33.3%	21.1%	24.5%	16.2%	23.5%	17.1%	20.8%	9.1%	25.0%	27.3%
No Response	2	1	1	0	2	0	0	1	0	1	0	0	0	0	1	1
		--	++			+++	+									

(continued)

BREC End-Use and Energy Efficiency Survey (December 2007)

Table 21: If you went to a store to purchase a new appliance, what would you be looking for to let you know that the product was energy-efficient?

All MCRECC respondents

	Total	Age					Type of home				Education				
		18-34	35-44	45-54	55-64	65+	Single-story	Multi-story	Mobile	Other	<HS grad	HS grad	Some college	College grad	Post college
Unweighted Base	300	26	41	67	75	85	158	67	49	26	52	144	60	25	16
Base	300	26	41	67	75	85	158	67	49	26	52	144	60	25	16
"The ratings"/tag/numbers on the appliance—generic	95 31.9%	9 34.6%	7 17.1%	25 37.9%	21 28.0%	32 37.6%	50 31.8%	24 36.4%	15 30.6%	6 23.1%	10 19.2%	55 38.5%	15 25.0%	8 33.3%	7 43.8%
Big yellow sticker with energy information	80 26.8%	4 15.4%	13 31.7%	24 36.4%	24 32.0%	13 15.3%	42 26.8%	17 25.8%	13 26.5%	8 30.8%	12 23.1%	29 20.3%	29 48.3%	3 12.5%	5 31.3%
An Energy Star rating from the U.S. government	41 13.8%	6 23.1%	12 29.3%	9 13.6%	6 8.0%	8 9.4%	25 15.9%	9 13.6%	4 8.2%	3 11.5%	5 9.6%	17 11.9%	11 18.3%	5 20.8%	3 18.8%
Information from salesman/dealer	5 1.7%	0 0.0%	0 0.0%	2 3.0%	1 1.3%	2 2.4%	3 1.9%	0 0.0%	1 2.0%	1 3.8%	1 1.9%	2 1.4%	1 1.7%	1 4.2%	0 0.0%
Name brand	3 1.0%	0 0.0%	1 2.4%	0 0.0%	1 1.3%	1 1.2%	2 1.3%	0 0.0%	1 2.0%	0 0.0%	0 0.0%	3 2.1%	0 0.0%	0 0.0%	0 0.0%
Talk to the dealer	1 0.3%	0 0.0%	1 2.4%	0 0.0%	0 0.0%	0 0.0%	1 0.6%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	1 0.7%	0 0.0%	0 0.0%	0 0.0%
The price	1 0.3%	0 0.0%	0 0.0%	0 0.0%	1 1.3%	0 0.0%	1 0.6%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	1 4.2%	0 0.0%
Info in book that comes with the appliance--adjusting for load sizes, water settings, etc.	1 0.3%	0 0.0%	0 0.0%	1 1.5%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	1 2.0%	0 0.0%	0 0.0%	1 0.7%	0 0.0%	0 0.0%	0 0.0%
I check to see if it's gas or electric	1 0.3%	1 3.8%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	1 0.6%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	1 1.7%	0 0.0%	0 0.0%
Good Housekeeping seal	1 0.3%	0 0.0%	0 0.0%	0 0.0%	1 1.3%	0 0.0%	0 0.0%	1 1.5%	0 0.0%	0 0.0%	1 1.9%	0 0.0%	0 0.0%	0 0.0%	0 0.0%

(continued)

BREC End-Use and Energy Efficiency Survey (December 2007)

Table 21: If you went to a store to purchase a new appliance, what would you be looking for to let you know that the product was energy-efficient?

(continued)

All MCRECC respondents

	Age					Type of home				Education					
	Total	18-34	35-44	45-54	55-64	65+	Single-story	Multi-story	Mobile	Other	<HS grad	HS grad	Some college	College grad	Post college
Unweighted Base	300	26	41	67	75	85	158	67	49	26	52	144	60	25	16
Base	300	26	41	67	75	85	158	67	49	26	52	144	60	25	16
Don't know	69	6	7	5	20	29	32	15	14	8	23	35	3	6	1
	23.2%	23.1%	17.1%	7.6%	26.7%	34.1%	20.4%	22.7%	28.6%	30.8%	44.2%	24.5%	5.0%	25.0%	6.3%
No Response	2	0	0	1	0	0	1	1	0	0	0	1	0	1	0

(continued)

BREC End-Use and Energy Efficiency Survey (December 2007)

Table 21: If you went to a store to purchase a new appliance, what would you be looking for to let you know that the product was energy-efficient?

All MCRECC respondents

	Income					Overall Satisfaction	Age of home					Primary heating source						
	Total	< \$15K	\$15K-\$25K	\$25K-\$40K	\$40-\$75K	> \$75K	Less than satis.	Satis.	<5 yrs	5-10	11-20	21-30	31-50	50+ yrs	Elec. furn.	HP/ geoth.	NG furn.	Prop. furn.
Unweighted Base	300	40	30	54	72	60	53	247	23	47	64	64	61	38	70	59	33	60
Base	300	40	30	54	72	60	53	247	23	47	64	64	61	38	70	59	33	60
"The ratings"/tag/numbers on the appliance—generic	95 31.9%	9 22.5%	10 33.3%	17 31.5%	23 31.9%	22 37.3%	13 24.5%	82 33.5%	3 13.0%	18 38.3%	17 27.0%	22 34.9%	22 36.1%	13 34.2%	24 34.3%	10 17.2%	8 24.2%	24 40.0%
Big yellow sticker with energy information	80 26.8%	7 17.5%	8 26.7%	15 27.8%	22 30.6%	13 22.0%	18 34.0%	62 25.3%	7 30.4%	14 29.8%	23 36.5%	15 23.8%	12 19.7%	7 18.4%	19 27.1%	16 27.6%	9 27.3%	18 30.0%
An Energy Star rating from the U.S. government	41 13.8%	4 10.0%	3 10.0%	7 13.0%	9 12.5%	14 23.7%	7 13.2%	34 13.9%	5 21.7%	5 10.6%	8 12.7%	11 17.5%	6 9.8%	6 15.8%	8 11.4%	15 25.9%	4 12.1%	5 8.3%
Information from salesman/dealer	5 1.7%	2 5.0%	1 3.3%	0 0.0%	0 0.0%	2 3.4%	0 0.0%	5 2.0%	0 0.0%	0 0.0%	1 1.6%	0 0.0%	3 4.9%	1 2.6%	0 0.0%	1 1.7%	2 6.1%	1 1.7%
Name brand	3 1.0%	0 0.0%	0 0.0%	0 0.0%	2 2.8%	1 1.7%	0 0.0%	3 1.2%	0 0.0%	0 0.0%	1 1.6%	1 1.6%	0 0.0%	1 2.6%	1 1.4%	0 0.0%	0 0.0%	1 1.7%
Talk to the dealer	1 0.3%	0 0.0%	0 0.0%	0 0.0%	1 1.4%	0 0.0%	1 1.9%	0 0.0%	1 4.3%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	1 1.7%	0 0.0%	0 0.0%
The price	1 0.3%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	1 1.7%	0 0.0%	1 0.4%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	1 1.6%	0 0.0%	0 0.0%	1 1.7%	0 0.0%	0 0.0%
Info in book that comes with the appliance--adjusting for load sizes, water settings, etc.	1 0.3%	0 0.0%	0 0.0%	1 1.9%	0 0.0%	0 0.0%	1 1.9%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	1 1.6%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	1 1.7%
I check to see if it's gas or electric	1 0.3%	0 0.0%	0 0.0%	1 1.9%	0 0.0%	0 0.0%	0 0.0%	1 0.4%	1 4.3%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	1 3.0%	0 0.0%
Good Housekeeping seal	1 0.3%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	1 1.7%	0 0.0%	1 0.4%	0 0.0%	0 0.0%	0 0.0%	1 1.6%	0 0.0%	0 0.0%	0 0.0%	1 1.7%	0 0.0%	0 0.0%

(continued)

BREC End-Use and Energy Efficiency Survey (December 2007)

Table 21: If you went to a store to purchase a new appliance, what would you be looking for to let you know that the product was energy-efficient?

(continued)

All MCRECC respondents

	Income					Overall Satisfaction		Age of home						Primary heating source				
	Total	< \$15K	\$15K- \$25K	\$25K- \$40K	\$40- \$75K	> \$75K	Less than satis.	Satis.	<5 yrs	5-10	11-20	21-30	31-50	50+ yrs	Elec. furn.	HP/ geoth.	NG furn.	Prop. furn.
Unweighted Base	300	40	30	54	72	60	53	247	23	47	64	64	61	38	70	59	33	60
Base	300	40	30	54	72	60	53	247	23	47	64	64	61	38	70	59	33	60
Don't know	69	18	8	13	15	5	13	56	6	10	13	12	17	10	18	13	9	10
	23.2%	45.0%	26.7%	24.1%	20.8%	8.5%	24.5%	22.9%	26.1%	21.3%	20.6%	19.0%	27.9%	26.3%	25.7%	22.4%	27.3%	16.7%
		+++				---												
No Response	2	0	0	0	0	1	0	2	0	0	1	1	0	0	0	1	0	0

BREC End-Use and Energy Efficiency Survey (December 2007)

Table 22: How do you think your cooperative's average rate for electricity compares to the national average? Would you guess that [CO-OP]'s rate is:

All MCRECC respondents

	Gender		Financial burden of the electric bill			Number of people in the home					Length of time served by co-op					
	Total	Male	Female	Not too much	Some	Quite a bit	1	2	3	4	5+	<5 yrs.	5-10	11-15	16-25	>25 yrs.
Unweighted Base	300	162	138	151	112	36	48	148	49	38	17	35	53	22	57	133
Base	300	162	138	151	112	36	48	148	49	38	17	35	53	22	57	133
Much lower	72 24.0%	42 25.9%	30 21.7%	39 25.8%	24 21.4%	9 25.0%	17 35.4%	39 26.4%	6 12.2%	8 21.1%	2 11.8%	4 11.4%	10 18.9%	5 22.7%	17 29.8%	36 27.1%
Somewhat lower	119 39.7%	64 39.5%	55 39.9%	67 44.4%	43 38.4%	9 25.0%	16 33.3%	65 43.9%	20 40.8%	13 34.2%	5 29.4%	13 37.1%	21 39.6%	10 45.5%	20 35.1%	55 41.4%
About the same	87 29.0%	45 27.8%	42 30.4%	41 27.2%	36 32.1%	10 27.8%	14 29.2%	33 22.3%	18 36.7%	15 39.5%	7 41.2%	13 37.1%	18 34.0%	7 31.8%	14 24.6%	35 26.3%
Somewhat higher	8 2.7%	5 3.1%	3 2.2%	2 1.3%	2 1.8%	4 11.1%	0 0.0%	4 2.7%	4 8.2%	0 0.0%	0 0.0%	1 2.9%	1 1.9%	0 0.0%	3 5.3%	3 2.3%
Much higher than the national average	2 0.7%	1 0.6%	1 0.7%	0 0.0%	1 0.9%	1 2.8%	0 0.0%	0 0.0%	0 0.0%	2 5.3%	0 0.0%	0 0.0%	1 1.9%	0 0.0%	1 1.8%	0 0.0%
Refused to guess	12 4.0%	5 3.1%	7 5.1%	2 1.3%	6 5.4%	3 8.3%	1 2.1%	7 4.7%	1 2.0%	0 0.0%	3 17.6%	4 11.4%	2 3.8%	0 0.0%	2 3.5%	4 3.0%
Chi Square			1.71 .888		23.61 .009				47.12 .001					18.67 .543		

(continued)

BREC End-Use and Energy Efficiency Survey (December 2007)

Table 22: How do you think your cooperative's average rate for electricity compares to the national average? Would you guess that [CO-OP]'s rate is:

All MCRECC respondents

	Age						Type of home				Education				
	Total	18-34	35-44	45-54	55-64	65+	Single-story	Multi-story	Mobile	Other	<HS grad	HS grad	Some college	College grad	Post college
Unweighted Base	300	26	41	67	75	85	158	67	49	26	52	144	60	25	16
Base	300	26	41	67	75	85	158	67	49	26	52	144	60	25	16
Much lower	72 24.0%	3 11.5%	8 19.5%	21 31.3%	17 22.7%	22 25.9%	41 25.9%	13 19.4%	12 24.5%	6 23.1%	11 21.2%	28 19.4%	17 28.3%	7 28.0%	8 50.0%
Somewhat lower	119 39.7%	7 26.9%	13 31.7%	26 38.8%	35 46.7%	35 41.2%	61 38.6%	32 47.8%	16 32.7%	10 38.5%	20 38.5%	54 37.5%	27 45.0%	9 36.0%	8 50.0%
About the same	87 29.0%	15 57.7%	14 34.1%	17 25.4%	20 26.7%	20 23.5%	45 28.5%	18 26.9%	16 32.7%	8 30.8%	14 26.9%	52 36.1%	14 23.3%	6 24.0%	0 0.0%
Somewhat higher	8 2.7%	1 3.8%	1 2.4%	2 3.0%	1 1.3%	3 3.5%	4 2.5%	1 1.5%	1 2.0%	2 7.7%	4 7.7%	4 2.8%	0 0.0%	0 0.0%	0 0.0%
Much higher than the national average	2 0.7%	0 0.0%	1 2.4%	1 1.5%	0 0.0%	0 0.0%	0 0.0%	1 1.5%	1 2.0%	0 0.0%	0 0.0%	1 0.7%	0 0.0%	1 4.0%	0 0.0%
Refused to guess	12 4.0%	0 0.0%	4 9.8%	0 0.0%	2 2.7%	5 5.9%	7 4.4%	2 3.0%	3 6.1%	0 0.0%	3 5.8%	5 3.5%	2 3.3%	2 8.0%	0 0.0%
Chi Square				28.78 .092				11.03 .751					30.55 .061		

(continued)

BREC End-Use and Energy Efficiency Survey (December 2007)

Table 22: How do you think your cooperative's average rate for electricity compares to the national average? Would you guess that [CO-OP]'s rate is:

All MCRECC respondents

	Income						Overall Satisfaction		Age of home						Primary heating source			
	Total	< \$15K	\$15K-\$25K	\$25K-\$40K	\$40-\$75K	> \$75K	Less than satis.	Satis.	<5 yrs	5-10	11-20	21-30	31-50	50+ yrs	Elec. furn.	HP/ geoth.	NG furn.	Prop. furn.
Unweighted Base	300	40	30	54	72	60	53	247	23	47	64	64	61	38	70	59	33	60
Base	300	40	30	54	72	60	53	247	23	47	64	64	61	38	70	59	33	60
Much lower	72 24.0%	12 30.0%	10 33.3%	8 14.8%	16 22.2%	21 35.0%	6 11.3%	66 26.7%	4 17.4%	10 21.3%	18 28.1%	17 26.6%	16 26.2%	7 18.4%	15 21.4%	15 25.4%	9 27.3%	17 28.3%
Somewhat lower	119 39.7%	17 42.5%	10 33.3%	20 37.0%	28 38.9%	27 45.0%	20 37.7%	99 40.1%	12 52.2%	16 34.0%	24 37.5%	28 43.8%	21 34.4%	17 44.7%	28 40.0%	29 49.2%	12 36.4%	23 38.3%
About the same	87 29.0%	8 20.0%	7 23.3%	23 42.6%	22 30.6%	11 18.3%	23 43.4%	64 25.9%	6 26.1%	19 40.4%	18 28.1%	15 23.4%	17 27.9%	12 31.6%	22 31.4%	14 23.7%	11 33.3%	18 30.0%
Somewhat higher	8 2.7%	2 5.0%	2 6.7%	0 0.0%	2 2.8%	1 1.7%	3 5.7%	5 2.0%	0 0.0%	1 2.1%	2 3.1%	1 1.6%	3 4.9%	1 2.6%	2 2.9%	0 0.0%	0 0.0%	0 0.0%
Much higher than the national average	2 0.7%	0 0.0%	0 0.0%	0 0.0%	2 2.8%	0 0.0%	1 1.9%	1 0.4%	1 4.3%	0 0.0%	0 0.0%	0 0.0%	1 1.6%	0 0.0%	1 1.4%	0 0.0%	0 0.0%	0 0.0%
Refused to guess	12 4.0%	1 2.5%	1 3.3%	3 5.6%	2 2.8%	0 0.0%	0 0.0%	12 4.9%	0 0.0%	1 2.1%	2 3.1%	3 4.7%	3 4.9%	1 2.6%	2 2.9%	1 1.7%	1 3.0%	2 3.3%
Chi Square				26.64 .146			15.15 .010				17.90 .847					9.68 .839		

BREC End-Use and Energy Efficiency Survey (December 2007)

Table 23: Were you aware that [CO-OP]'s Web site—URL—has a lot of information regarding energy efficiency including an energy library, helpful money-saving tips, calculators to determine energy usage, and many other tools designed to answer your questions regarding energy-related matters? *IF YES*: Have you visited the site specifically for energy information in the past 6 months?

All MCRECC respondents

	Total	Gender		Financial burden of the electric bill			Number of people in the home					Length of time served by co-op				
		Male	Female	Not too much	Some	Quite a bit	1	2	3	4	5+	<5 yrs.	5-10	11-15	16-25	>25 yrs.
Unweighted Base	300	162	138	151	112	36	48	148	49	38	17	35	53	22	57	133
Base	300	162	138	151	112	36	48	148	49	38	17	35	53	22	57	133
Was aware the site had the information; have not visited it for that	81 27.0%	45 27.8%	36 26.1%	42 27.8%	28 25.0%	11 30.6%	10 20.8%	44 29.7%	11 22.4%	12 31.6%	4 23.5%	7 20.0%	13 24.5%	8 36.4%	13 22.8%	40 30.1%
Have visited the site for such information	6 2.0%	6 3.7%	0 0.0%	4 2.6%	2 1.8%	0 0.0%	2 4.2%	3 2.0%	1 2.0%	0 0.0%	0 0.0%	1 2.9%	1 1.9%	1 4.5%	0 0.0%	3 2.3%
Was not aware the site had such information	213 71.0%	111 68.5%	102 73.9%	105 69.5%	82 73.2%	25 69.4%	36 75.0%	101 68.2%	37 75.5%	26 68.4%	13 76.5%	27 77.1%	39 73.6%	13 59.1%	44 77.2%	90 67.7%
Chi Square			5.50 .064		1.56 .815				4.57 .802					5.53 .700		

(continued)

BREC End-Use and Energy Efficiency Survey (December 2007)

Table 23: Were you aware that [CO-OP]'s Web site—URL—has a lot of information regarding energy efficiency including an energy library, helpful money-saving tips, calculators to determine energy usage, and many other tools designed to answer your questions regarding energy-related matters? *IF YES: Have you visited the site specifically for energy information in the past 6 months?*

All MCRECC respondents

	Total	Age					Type of home				Education				
		18-34	35-44	45-54	55-64	65+	Single-story	Multi-story	Mobile	Other	<HS grad	HS grad	Some college	College grad	Post college
Unweighted Base	300	26	41	67	75	85	158	67	49	26	52	144	60	25	16
Base	300	26	41	67	75	85	158	67	49	26	52	144	60	25	16
Was aware the site had the information; have not visited it for that	81 27.0%	8 30.8%	4 9.8%	24 35.8%	18 24.0%	25 29.4%	51 32.3%	12 17.9%	8 16.3%	10 38.5%	17 32.7%	34 23.6%	12 20.0%	11 44.0%	5 31.3%
Have visited the site for such information	6 2.0%	0 0.0%	0 0.0%	0 0.0%	3 4.0%	3 3.5%	3 1.9%	2 3.0%	0 0.0%	1 3.8%	0 0.0%	2 1.4%	4 6.7%	0 0.0%	0 0.0%
Was not aware the site had such information	213 71.0%	18 69.2%	37 90.2%	43 64.2%	54 72.0%	57 67.1%	104 65.8%	53 79.1%	41 83.7%	15 57.7%	35 67.3%	108 75.0%	44 73.3%	14 56.0%	11 68.8%
Chi Square				14.90 .061				11.74 .068					15.00 .059		

(continued)

BREC End-Use and Energy Efficiency Survey (December 2007)

Table 23: Were you aware that [CO-OP]'s Web site—URL—has a lot of information regarding energy efficiency including an energy library, helpful money-saving tips, calculators to determine energy usage, and many other tools designed to answer your questions regarding energy-related matters? *IF YES: Have you visited the site specifically for energy information in the past 6 months?*

All MCRECC respondents

	Total	Income					Overall Satisfaction		Age of home						Primary heating source			
		< \$15K	\$15K-\$25K	\$25K-\$40K	\$40-\$75K	> \$75K	Less than satis.	Satis.	<5 yrs	5-10	11-20	21-30	31-50	50+ yrs	Elec. furn.	HP/ geoth.	NG furn.	Prop. furn.
Unweighted Base	300	40	30	54	72	60	53	247	23	47	64	64	61	38	70	59	33	60
Base	300	40	30	54	72	60	53	247	23	47	64	64	61	38	70	59	33	60
Was aware the site had the information; have not visited it for that	81 27.0%	14 35.0%	8 26.7%	11 20.4%	15 20.8%	20 33.3%	6 11.3%	75 30.4%	8 34.8%	13 27.7%	12 18.8%	19 29.7%	22 36.1%	7 18.4%	23 32.9%	14 23.7%	7 21.2%	19 31.7%
Have visited the site for such information	6 2.0%	0 0.0%	0 0.0%	1 1.9%	2 2.8%	2 3.3%	0 0.0%	6 2.4%	0 0.0%	1 2.1%	1 1.6%	3 4.7%	0 0.0%	1 2.6%	3 4.3%	1 1.7%	0 0.0%	0 0.0%
Was not aware the site had such information	213 71.0%	26 65.0%	22 73.3%	42 77.8%	55 76.4%	38 63.3%	47 88.7%	166 67.2%	15 65.2%	33 70.2%	51 79.7%	42 65.6%	39 63.9%	30 78.9%	44 62.9%	44 74.6%	26 78.8%	41 68.3%
Chi Square				7.33 .501			9.98 .007				11.05 .353					6.92 .328		

BREC End-Use and Energy Efficiency Survey (December 2007)

Table 24: Next, I'd like you to think about your electric bill as it relates to your home's overall budget and your finances. On a scale of 1 to 10, with 10 being a "significant financial burden" and 1 being "not a financial burden at all," how would you rate your electric bill's impact on your household?

All MCRECC respondents

	Gender		Financial burden of the electric bill			Number of people in the home					Length of time served by co-op					
	Total	Male	Female	Not too much	Some	Quite a bit	1	2	3	4	5+	<5 yrs.	5-10	11-15	16-25	>25 yrs.
Unweighted Base	300	162	138	151	112	36	48	148	49	38	17	35	53	22	57	133
Base	300	162	138	151	112	36	48	148	49	38	17	35	53	22	57	133
Not too much	151	94	57	151	0	0	27	73	24	19	8	15	29	12	25	70
	50.3%	58.0%	41.3%	100.0%	0.0%	0.0%	56.3%	49.3%	49.0%	50.0%	47.1%	42.9%	54.7%	54.5%	43.9%	52.6%
1—not a financial burden at all	50	30	20	50	0	0	15	17	9	4	5	4	6	4	9	27
	16.7%	18.5%	14.5%	33.1%	0.0%	0.0%	31.3%	11.5%	18.4%	10.5%	29.4%	11.4%	11.3%	18.2%	15.8%	20.3%
2	32	19	13	32	0	0	4	22	3	3	0	3	8	1	5	15
	10.7%	11.7%	9.4%	21.2%	0.0%	0.0%	8.3%	14.9%	6.1%	7.9%	0.0%	8.6%	15.1%	4.5%	8.8%	11.3%
3	38	22	16	38	0	0	3	18	7	8	2	4	8	3	8	15
	12.7%	13.6%	11.6%	25.2%	0.0%	0.0%	6.3%	12.2%	14.3%	21.1%	11.8%	11.4%	15.1%	13.6%	14.0%	11.3%
4	31	23	8	31	0	0	5	16	5	4	1	4	7	4	3	13
	10.3%	14.2%	5.8%	20.5%	0.0%	0.0%	10.4%	10.8%	10.2%	10.5%	5.9%	11.4%	13.2%	18.2%	5.3%	9.8%
Some	112	58	54	0	112	0	17	57	17	13	8	16	19	6	25	46
	37.3%	35.8%	39.1%	0.0%	100.0%	0.0%	35.4%	38.5%	34.7%	34.2%	47.1%	45.7%	35.8%	27.3%	43.9%	34.6%
5	69	35	34	0	69	0	13	33	10	10	3	13	9	3	17	27
	23.0%	21.6%	24.6%	0.0%	61.6%	0.0%	27.1%	22.3%	20.4%	26.3%	17.6%	37.1%	17.0%	13.6%	29.8%	20.3%
6	24	12	12	0	24	0	2	13	3	1	5	1	7	1	4	11
	8.0%	7.4%	8.7%	0.0%	21.4%	0.0%	4.2%	8.8%	6.1%	2.6%	29.4%	2.9%	13.2%	4.5%	7.0%	8.3%

(continued)

BREC End-Use and Energy Efficiency Survey (December 2007)

Table 24: Next, I'd like you to think about your electric bill as it relates to your home's overall budget and your finances. On a scale of 1 to 10, with 10 being a "significant financial burden" and 1 being "not a financial burden at all," how would you rate your electric bill's impact on your household?

(continued)

All MCRECC respondents

	Gender		Financial burden of the electric bill			Number of people in the home					Length of time served by co-op					
	Total	Male	Female	Not too much	Some	Quite a bit	1	2	3	4	5+	<5 yrs.	5-10	11-15	16-25	>25 yrs.
Unweighted Base	300	162	138	151	112	36	48	148	49	38	17	35	53	22	57	133
Base	300	162	138	151	112	36	48	148	49	38	17	35	53	22	57	133
7	19	11	8	0	19	0	2	11	4	2	0	2	3	2	4	8
	6.3%	6.8%	5.8%	0.0%	17.0%	0.0%	4.2%	7.4%	8.2%	5.3%	0.0%	5.7%	5.7%	9.1%	7.0%	6.0%
					+++											
Quite a bit	36	10	26	0	0	36	4	17	8	6	1	4	4	4	7	17
	12.0%	6.2%	18.8%	0.0%	0.0%	100.0%	8.3%	11.5%	16.3%	15.8%	5.9%	11.4%	7.5%	18.2%	12.3%	12.8%
		---	+++			+++										
8	22	5	17	0	0	22	3	10	4	5	0	1	3	3	5	10
	7.3%	3.1%	12.3%	0.0%	0.0%	61.1%	6.3%	6.8%	8.2%	13.2%	0.0%	2.9%	5.7%	13.6%	8.8%	7.5%
		---	+++			+++										
9	5	1	4	0	0	5	0	1	2	1	1	2	0	1	0	2
	1.7%	0.6%	2.9%	0.0%	0.0%	13.9%	0.0%	0.7%	4.1%	2.6%	5.9%	5.7%	0.0%	4.5%	0.0%	1.5%
						+++						++				
10—significant financial burden	9	4	5	0	0	9	1	6	2	0	0	1	1	0	2	5
	3.0%	2.5%	3.6%	0.0%	0.0%	25.0%	2.1%	4.1%	4.1%	0.0%	0.0%	2.9%	1.9%	0.0%	3.5%	3.8%
						+++										
Not applicable	1	0	1	0	0	0	0	1	0	0	0	0	1	0	0	0
	0.3%	0.0%	0.7%	0.0%	0.0%	0.0%	0.0%	0.7%	0.0%	0.0%	0.0%	0.0%	1.9%	0.0%	0.0%	0.0%
												++				
Don't know/refused	1	0	1	0	0	0	0	1	0	0	0	0	1	0	0	0
	0.3%	0.0%	0.7%	0.0%	0.0%	0.0%	0.0%	0.7%	0.0%	0.0%	0.0%	0.0%	1.9%	0.0%	0.0%	0.0%
												++				
Chi Square		19.48			598.00			48.45						33.35		
		.035			.001			.169						.762		

(continued)

BREC End-Use and Energy Efficiency Survey (December 2007)

Table 24: Next, I'd like you to think about your electric bill as it relates to your home's overall budget and your finances. On a scale of 1 to 10, with 10 being a "significant financial burden" and 1 being "not a financial burden at all," how would you rate your electric bill's impact on your household?

All MCRECC respondents

	Total	Age					Type of home				Education				
		18-34	35-44	45-54	55-64	65+	Single-story	Multi-story	Mobile	Other	<HS grad	HS grad	Some college	College grad	Post college
Unweighted Base	300	26	41	67	75	85	158	67	49	26	52	144	60	25	16
Base	300	26	41	67	75	85	158	67	49	26	52	144	60	25	16
<u>Not too much</u>	151	16	18	25	45	44	83	35	22	11	23	69	30	15	13
	50.3%	61.5%	43.9%	37.3%	60.0%	51.8%	52.5%	52.2%	44.9%	42.3%	44.2%	47.9%	50.0%	60.0%	81.3%
1—not a financial burden at all	50	5	3	—	+	21	27	10	8	5	10	24	7	3	6
	16.7%	19.2%	7.3%	13.4%	16.0%	24.7%	17.1%	14.9%	16.3%	19.2%	19.2%	16.7%	11.7%	12.0%	37.5%
2	32	2	3	-	++	9	17	13	2	0	3	15	5	5	4
	10.7%	7.7%	7.3%	4.5%	18.7%	10.6%	10.8%	19.4%	4.1%	0.0%	5.8%	10.4%	8.3%	20.0%	25.0%
3	38	5	7	-	+++	6	23	9	5	1	2	18	11	4	2
	12.7%	19.2%	17.1%	13.4%	12.0%	7.1%	14.6%	13.4%	10.2%	3.8%	3.8%	12.5%	18.3%	16.0%	12.5%
4	31	4	5	-	-	8	16	3	7	5	8	12	7	3	1
	10.3%	15.4%	12.2%	6.0%	13.3%	9.4%	10.1%	4.5%	14.3%	19.2%	15.4%	8.3%	11.7%	12.0%	6.3%
<u>Some</u>	112	7	17	36	25	25	56	24	19	13	17	58	26	7	3
	37.3%	26.9%	41.5%	53.7%	33.3%	29.4%	35.4%	35.8%	38.8%	50.0%	32.7%	40.3%	43.3%	28.0%	18.8%
5	69	2	9	+++	-	15	40	8	13	8	10	39	14	4	2
	23.0%	7.7%	22.0%	38.8%	21.3%	17.6%	25.3%	11.9%	26.5%	30.8%	19.2%	27.1%	23.3%	16.0%	12.5%
6	24	5	5	+++	+	5	10	9	4	1	3	11	7	2	0
	8.0%	19.2%	12.2%	7.5%	4.0%	5.9%	6.3%	13.4%	8.2%	3.8%	5.8%	7.6%	11.7%	8.0%	0.0%
7	19	0	3	+	-	5	6	7	2	4	4	8	5	1	1
	6.3%	0.0%	7.3%	7.5%	8.0%	5.9%	3.8%	10.4%	4.1%	15.4%	7.7%	5.6%	8.3%	4.0%	6.3%

(continued)

BREC End-Use and Energy Efficiency Survey (December 2007)

Table 24: Next, I'd like you to think about your electric bill as it relates to your home's overall budget and your finances. On a scale of 1 to 10, with 10 being a "significant financial burden" and 1 being "not a financial burden at all," how would you rate your electric bill's impact on your household?

(continued)

All MCRECC respondents

	Age						Type of home				Education				
	Total	18-34	35-44	45-54	55-64	65+	Single-story	Multi-story	Mobile	Other	<HS grad	HS grad	Some college	College grad	Post college
Unweighted Base	300	26	41	67	75	85	158	67	49	26	52	144	60	25	16
Base	300	26	41	67	75	85	158	67	49	26	52	144	60	25	16
Quite a bit	36	3	6	6	5	15	18	8	8	2	12	16	4	3	0
	12.0%	11.5%	14.6%	9.0%	6.7%	17.6%	11.4%	11.9%	16.3%	7.7%	23.1%	11.1%	6.7%	12.0%	0.0%
8	22	1	4	4	4	9	12	6	2	2	5	11	3	3	0
	7.3%	3.8%	9.8%	6.0%	5.3%	10.6%	7.6%	9.0%	4.1%	7.7%	9.6%	7.6%	5.0%	12.0%	0.0%
9	5	1	1	1	1	0	2	0	3	0	0	3	1	0	0
	1.7%	3.8%	2.4%	1.5%	1.3%	0.0%	1.3%	0.0%	6.1%	0.0%	0.0%	2.1%	1.7%	0.0%	0.0%
10—significant financial burden	9	1	1	1	0	6	4	2	3	0	7	2	0	0	0
	3.0%	3.8%	2.4%	1.5%	0.0%	7.1%	2.5%	3.0%	6.1%	0.0%	13.5%	1.4%	0.0%	0.0%	0.0%
Not applicable	1	0	0	0	0	1	1	0	0	0	0	1	0	0	0
	0.3%	0.0%	0.0%	0.0%	0.0%	1.2%	0.6%	0.0%	0.0%	0.0%	0.0%	0.7%	0.0%	0.0%	0.0%
Don't know/refused	1	0	0	0	0	1	1	0	0	0	0	1	0	0	0
	0.3%	0.0%	0.0%	0.0%	0.0%	1.2%	0.6%	0.0%	0.0%	0.0%	0.0%	0.7%	0.0%	0.0%	0.0%
Chi Square				55.29				44.58				54.21			
				.055				.042				.066			

(continued)

BREC End-Use and Energy Efficiency Survey (December 2007)

Table 24: Next, I'd like you to think about your electric bill as it relates to your home's overall budget and your finances. On a scale of 1 to 10, with 10 being a "significant financial burden" and 1 being "not a financial burden at all," how would you rate your electric bill's impact on your household?

All MCRECC respondents

	Income						Overall Satisfaction		Age of home						Primary heating source			
	Total	< \$15K	\$15K-\$25K	\$25K-\$40K	\$40-\$75K	> \$75K	Less than satis.	Satis.	<5 yrs	5-10	11-20	21-30	31-50	50+ yrs	Elec. furn.	HP/ geoth.	NG furn.	Prop. furn.
Unweighted Base	300	40	30	54	72	60	53	247	23	47	64	64	61	38	70	59	33	60
Base	300	40	30	54	72	60	53	247	23	47	64	64	61	38	70	59	33	60
Not too much	151	19	10	27	38	41	19	132	13	23	36	30	27	20	29	37	18	39
	50.3%	47.5%	33.3%	50.0%	52.8%	68.3%	35.8%	53.4%	56.5%	48.9%	56.3%	46.9%	44.3%	52.6%	41.4%	62.7%	54.5%	65.0%
1—not a financial burden at all	50	11	3	6	11	13	6	44	1	5	12	12	12	7	7	6	7	19
	16.7%	27.5%	10.0%	11.1%	15.3%	21.7%	11.3%	17.8%	4.3%	10.6%	18.8%	18.8%	19.7%	18.4%	10.0%	10.2%	21.2%	31.7%
		++				+++		++								++		++
2	32	1	3	4	11	9	2	30	3	5	6	7	8	3	3	13	2	7
	10.7%	2.5%	10.0%	7.4%	15.3%	15.0%	3.8%	12.1%	13.0%	10.6%	9.4%	10.9%	13.1%	7.9%	4.3%	22.0%	6.1%	11.7%
		-						+								+++		
3	38	1	2	9	9	13	4	34	7	6	9	5	3	8	7	13	4	6
	12.7%	2.5%	6.7%	16.7%	12.5%	21.7%	7.5%	13.8%	30.4%	12.8%	14.1%	7.8%	4.9%	21.1%	10.0%	22.0%	12.1%	10.0%
		--				++							--			++		
4	31	6	2	8	7	6	7	24	2	7	9	6	4	2	12	5	5	7
	10.3%	15.0%	6.7%	14.8%	9.7%	10.0%	13.2%	9.7%	8.7%	14.9%	14.1%	9.4%	6.6%	5.3%	17.1%	8.5%	15.2%	11.7%
															++			
Some	112	13	13	21	28	17	27	85	8	19	19	25	25	15	27	16	13	19
	37.3%	32.5%	43.3%	38.9%	38.9%	28.3%	50.9%	34.4%	34.8%	40.4%	29.7%	39.1%	41.0%	39.5%	38.6%	27.1%	39.4%	31.7%
							++	--								-		
5	69	10	6	16	12	13	17	52	5	11	13	14	18	7	21	6	7	13
	23.0%	25.0%	20.0%	29.6%	16.7%	21.7%	32.1%	21.1%	21.7%	23.4%	20.3%	21.9%	29.5%	18.4%	30.0%	10.2%	21.2%	21.7%
							+	-								---		
6	24	2	2	1	9	3	7	17	1	6	4	6	5	2	3	6	3	2
	8.0%	5.0%	6.7%	1.9%	12.5%	5.0%	13.2%	6.9%	4.3%	12.8%	6.3%	9.4%	8.2%	5.3%	4.3%	10.2%	9.1%	3.3%

(continued)

BREC End-Use and Energy Efficiency Survey (December 2007)

Table 24: Next, I'd like you to think about your electric bill as it relates to your home's overall budget and your finances. On a scale of 1 to 10, with 10 being a "significant financial burden" and 1 being "not a financial burden at all," how would you rate your electric bill's impact on your household?

(continued)

All MCRECC respondents

	Total	Income					Overall Satisfaction		Age of home						Primary heating source			
		< \$15K	\$15K-\$25K	\$25K-\$40K	\$40-\$75K	> \$75K	Less than satis.	Satis.	<5 yrs	5-10	11-20	21-30	31-50	50+ yrs	Elec. furn.	HP/ geoth.	NG furn.	Prop. furn.
Unweighted Base	300	40	30	54	72	60	53	247	23	47	64	64	61	38	70	59	33	60
Base	300	40	30	54	72	60	53	247	23	47	64	64	61	38	70	59	33	60
7	19	1	5	4	7	1	3	16	2	2	2	5	2	6	3	4	3	4
	6.3%	2.5%	16.7%	7.4%	9.7%	1.7%	5.7%	6.5%	8.7%	4.3%	3.1%	7.8%	3.3%	15.8%	4.3%	6.8%	9.1%	6.7%
			++			-								++				
Quite a bit	36	8	7	6	6	2	7	29	2	5	9	9	8	3	14	6	2	2
	12.0%	20.0%	23.3%	11.1%	8.3%	3.3%	13.2%	11.7%	8.7%	10.6%	14.1%	14.1%	13.1%	7.9%	20.0%	10.2%	6.1%	3.3%
		+	++			-									++			-
8	22	3	5	2	6	1	3	19	0	5	2	7	5	3	7	3	2	1
	7.3%	7.5%	16.7%	3.7%	8.3%	1.7%	5.7%	7.7%	0.0%	10.6%	3.1%	10.9%	8.2%	7.9%	10.0%	5.1%	6.1%	1.7%
			++			-												-
9	5	0	2	2	0	0	2	3	2	0	2	0	1	0	4	1	0	0
	1.7%	0.0%	6.7%	3.7%	0.0%	0.0%	3.8%	1.2%	8.7%	0.0%	3.1%	0.0%	1.6%	0.0%	5.7%	1.7%	0.0%	0.0%
			++												+++			
10—significant financial burden	9	5	0	2	0	1	2	7	0	0	5	2	2	0	3	2	0	1
	3.0%	12.5%	0.0%	3.7%	0.0%	1.7%	3.8%	2.8%	0.0%	0.0%	7.8%	3.1%	3.3%	0.0%	4.3%	3.4%	0.0%	1.7%
		+++									++							
Not applicable	1	0	0	0	0	0	0	1	0	0	0	0	1	0	0	0	0	0
	0.3%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.4%	0.0%	0.0%	0.0%	0.0%	1.6%	0.0%	0.0%	0.0%	0.0%	0.0%
													++					
Don't know/refused	1	0	0	0	0	0	0	1	0	0	0	0	1	0	0	0	0	0
	0.3%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.4%	0.0%	0.0%	0.0%	0.0%	1.6%	0.0%	0.0%	0.0%	0.0%	0.0%
													++					
Chi Square				69.71			12.65				59.63					49.15		
				.002			.244				.165					.015		

BREC End-Use and Energy Efficiency Survey (December 2007)

Table 25: Now, just a few more questions for classification purposes. In which county do you live?

All MCRECC respondents

	Total	Gender		Financial burden of the electric bill			Number of people in the home					Length of time served by co-op				
		Male	Female	Not too much	Some	Quite a bit	1	2	3	4	5+	<5 yrs.	5-10	11-15	16-25	>25 yrs.
Unweighted Base	300	162	138	151	112	36	48	148	49	38	17	35	53	22	57	133
Base	300	162	138	151	112	36	48	148	49	38	17	35	53	22	57	133
Breckinridge	147	72	75	71	58	18	26	74	26	12	9	11	24	6	27	79
	49.0%	44.4%	54.3%	47.0%	51.8%	50.0%	54.2%	50.0%	53.1%	31.6%	52.9%	31.4%	45.3%	27.3%	47.4%	59.4%
Grayson	17	11	6	8	7	1	4	9	0	2	2	4	3	2	2	6
	5.7%	6.8%	4.3%	5.3%	6.3%	2.8%	8.3%	6.1%	0.0%	5.3%	11.8%	11.4%	5.7%	9.1%	3.5%	4.5%
Hardin	4	3	1	3	0	1	0	1	2	1	0	3	0	0	0	1
	1.3%	1.9%	0.7%	2.0%	0.0%	2.8%	0.0%	0.7%	4.1%	2.6%	0.0%	8.6%	0.0%	0.0%	0.0%	0.8%
Meade	118	67	51	60	45	13	14	57	20	21	6	14	22	13	26	43
	39.3%	41.4%	37.0%	39.7%	40.2%	36.1%	29.2%	38.5%	40.8%	55.3%	35.3%	40.0%	41.5%	59.1%	45.6%	32.3%
Ohio	14	9	5	9	2	3	4	7	1	2	0	3	4	1	2	4
	4.7%	5.6%	3.6%	6.0%	1.8%	8.3%	8.3%	4.7%	2.0%	5.3%	0.0%	8.6%	7.5%	4.5%	3.5%	3.0%
Chi Square			3.95		7.13				18.78					34.09		
			.413		.523				.280					.005		

(continued)

BREC End-Use and Energy Efficiency Survey (December 2007)

Table 25: Now, just a few more questions for classification purposes. In which county do you live?

All MCRECC respondents

	Total	Age					Type of home				Education				
		18-34	35-44	45-54	55-64	65+	Single-story	Multi-story	Mobile	Other	<HS grad	HS grad	Some college	College grad	Post college
Unweighted Base	300	26	41	67	75	85	158	67	49	26	52	144	60	25	16
Base	300	26	41	67	75	85	158	67	49	26	52	144	60	25	16
Breckinridge	147 49.0%	11 42.3%	20 48.8%	30 44.8%	40 53.3%	42 49.4%	80 50.6%	30 44.8%	22 44.9%	15 57.7%	28 53.8%	72 50.0%	29 48.3%	10 40.0%	6 37.5%
Grayson	17 5.7%	0 0.0%	2 4.9%	1 1.5%	6 8.0%	8 9.4%	9 5.7%	2 3.0%	5 10.2%	1 3.8%	1 1.9%	7 4.9%	6 10.0%	2 8.0%	1 6.3%
Hardin	4 1.3%	1 3.8%	0 0.0%	1 1.5%	1 1.3%	1 1.2%	3 1.9%	0 0.0%	1 2.0%	0 0.0%	0 0.0%	3 2.1%	1 1.7%	0 0.0%	0 0.0%
Meade	118 39.3%	12 46.2%	17 41.5%	33 49.3%	27 36.0%	28 32.9%	57 36.1%	32 47.8%	19 38.8%	10 38.5%	21 40.4%	56 38.9%	21 35.0%	11 44.0%	8 50.0%
Ohio	14 4.7%	2 7.7%	2 4.9%	2 3.0%	1 1.3%	6 7.1%	9 5.7%	3 4.5%	2 4.1%	0 0.0%	2 3.8%	6 4.2%	3 5.0%	2 8.0%	1 6.3%
Chi Square				15.80 .467				8.74 .725					8.41 .936		

(continued)

BREC End-Use and Energy Efficiency Survey (December 2007)

Table 25: Now, just a few more questions for classification purposes. In which county do you live?

All MCRECC respondents

	Income					Overall Satisfaction		Age of home					Primary heating source					
	Total	< \$15K	\$15K-\$25K	\$25K-\$40K	\$40-\$75K	> \$75K	Less than satis.	Satis.	<5 yrs	5-10	11-20	21-30	31-50	50+ yrs	Elec. furn.	HP/ geoth.	NG furn.	Prop. furn.
Unweighted Base	300	40	30	54	72	60	53	247	23	47	64	64	61	38	70	59	33	60
Base	300	40	30	54	72	60	53	247	23	47	64	64	61	38	70	59	33	60
Breckinridge	147	23	15	26	28	30	18	129	7	19	31	37	35	17	33	19	22	34
	49.0%	57.5%	50.0%	48.1%	38.9%	50.0%	34.0%	52.2%	30.4%	40.4%	48.4%	57.8%	57.4%	44.7%	47.1%	32.2%	66.7%	56.7%
Grayson	17	1	3	4	3	3	3	14	1	3	3	2	7	1	5	2	0	2
	5.7%	2.5%	10.0%	7.4%	4.2%	5.0%	5.7%	5.7%	4.3%	6.4%	4.7%	3.1%	11.5%	2.6%	7.1%	3.4%	0.0%	3.3%
Hardin	4	1	1	0	0	2	0	4	1	0	0	2	0	0	1	1	0	0
	1.3%	2.5%	3.3%	0.0%	0.0%	3.3%	0.0%	1.6%	4.3%	0.0%	0.0%	3.1%	0.0%	0.0%	1.4%	1.7%	0.0%	0.0%
Meade	118	15	9	22	36	24	29	89	13	22	29	19	18	17	29	36	5	22
	39.3%	37.5%	30.0%	40.7%	50.0%	40.0%	54.7%	36.0%	56.5%	46.8%	45.3%	29.7%	29.5%	44.7%	41.4%	61.0%	15.2%	36.7%
Ohio	14	0	2	2	5	1	3	11	1	3	1	4	1	3	2	1	6	2
	4.7%	0.0%	6.7%	3.7%	6.9%	1.7%	5.7%	4.5%	4.3%	6.4%	1.6%	6.3%	1.6%	7.9%	2.9%	1.7%	18.2%	3.3%
																	+++	
Chi Square				15.50			7.84				27.40						36.05	
			.488				.098				.124						.001	

BREC End-Use and Energy Efficiency Survey (December 2007)

Table 26: On average, how much do you pay per month for electricity for your home?

All MCRECC respondents

	Gender		Financial burden of the electric bill			Number of people in the home					Length of time served by co-op					
	Total	Male	Female	Not too much	Some	Quite a bit	1	2	3	4	5+	<5 yrs.	5-10	11-15	16-25	>25 yrs.
Unweighted Base	300	162	138	151	112	36	48	148	49	38	17	35	53	22	57	133
Base	300	162	138	151	112	36	48	148	49	38	17	35	53	22	57	133
Less than \$25	10 3.3%	6 3.7%	4 2.9%	6 4.0%	3 2.7%	1 2.8%	4 8.3%	3 2.0%	2 4.1%	0 0.0%	1 5.9%	2 5.7%	1 1.9%	2 9.1%	0 0.0%	5 3.8%
\$25-\$50	35 11.7%	23 14.2%	12 8.7%	25 16.6%	9 8.0%	1 2.8%	15 31.3%	15 10.1%	4 8.2%	1 2.6%	0 0.0%	9 25.7%	5 9.4%	1 4.5%	3 5.3%	17 12.8%
\$50-\$75	55 18.3%	30 18.5%	25 18.1%	32 21.2%	16 14.3%	7 19.4%	15 31.3%	25 16.9%	5 10.2%	8 21.1%	2 11.8%	4 11.4%	9 17.0%	4 18.2%	14 24.6%	24 18.0%
\$75-\$100	81 27.0%	41 25.3%	40 29.0%	44 29.1%	27 24.1%	10 27.8%	5 10.4%	44 29.7%	13 26.5%	16 42.1%	3 17.6%	5 14.3%	18 34.0%	5 22.7%	15 26.3%	38 28.6%
\$100-\$150	78 26.0%	43 26.5%	35 25.4%	33 21.9%	36 32.1%	9 25.0%	6 12.5%	39 26.4%	19 38.8%	10 26.3%	4 23.5%	9 25.7%	12 22.6%	5 22.7%	16 28.1%	36 27.1%
\$150-\$200	23 7.7%	10 6.2%	13 9.4%	8 5.3%	11 9.8%	4 11.1%	1 2.1%	12 8.1%	3 6.1%	2 5.3%	5 29.4%	3 8.6%	5 9.4%	4 18.2%	6 10.5%	5 3.8%
More than \$200	7 2.3%	4 2.5%	3 2.2%	0 0.0%	5 4.5%	2 5.6%	0 0.0%	2 1.4%	3 6.1%	1 2.6%	1 5.9%	1 2.9%	1 1.9%	0 0.0%	3 5.3%	2 1.5%
Refused to guess	11 3.7%	5 3.1%	6 4.3%	3 2.0%	5 4.5%	2 5.6%	2 4.2%	8 5.4%	0 0.0%	0 0.0%	1 5.9%	2 5.7%	2 3.8%	1 4.5%	0 0.0%	6 4.5%
Chi Square		3.87 .794		23.46 .053				72.94 .001					32.88 .240			

(continued)

BREC End-Use and Energy Efficiency Survey (December 2007)

Table 26: On average, how much do you pay per month for electricity for your home?

All MCRECC respondents

	Age						Type of home				Education				
	Total	18-34	35-44	45-54	55-64	65+	Single-story	Multi-story	Mobile	Other	<HS grad	HS grad	Some college	College grad	Post college
Unweighted Base	300	26	41	67	75	85	158	67	49	26	52	144	60	25	16
Base	300	26	41	67	75	85	158	67	49	26	52	144	60	25	16
Less than \$25	10 3.3%	1 3.8%	0 0.0%	3 4.5%	1 1.3%	4 4.7%	7 4.4%	0 0.0%	2 4.1%	1 3.8%	0 0.0%	8 5.6%	2 3.3%	0 0.0%	0 0.0%
\$25-\$50	35 11.7%	1 3.8%	4 9.8%	3 4.5%	10 13.3%	17 20.0%	17 10.8%	4 6.0%	7 14.3%	7 26.9%	10 19.2%	16 11.1%	4 6.7%	3 12.0%	2 12.5%
\$50-\$75	55 18.3%	5 19.2%	10 24.4%	8 11.9%	13 17.3%	19 22.4%	31 19.6%	13 19.4%	8 16.3%	3 11.5%	7 13.5%	27 18.8%	11 18.3%	6 24.0%	4 25.0%
\$75-\$100	81 27.0%	8 30.8%	13 31.7%	16 23.9%	22 29.3%	21 24.7%	42 26.6%	18 26.9%	14 28.6%	7 26.9%	14 26.9%	39 27.1%	19 31.7%	5 20.0%	2 12.5%
\$100-\$150	78 26.0%	9 34.6%	8 19.5%	25 37.3%	17 22.7%	16 18.8%	40 25.3%	19 28.4%	14 28.6%	5 19.2%	13 25.0%	35 24.3%	16 26.7%	9 36.0%	5 31.3%
\$150-\$200	23 7.7%	2 7.7%	5 12.2%	7 10.4%	5 6.7%	4 4.7%	8 5.1%	10 14.9%	3 6.1%	2 7.7%	6 11.5%	9 6.3%	4 6.7%	2 8.0%	2 12.5%
More than \$200	7 2.3%	0 0.0%	1 2.4%	4 6.0%	1 1.3%	1 1.2%	4 2.5%	2 3.0%	0 0.0%	1 3.8%	1 1.9%	5 3.5%	0 0.0%	0 0.0%	1 6.3%
Refused to guess	11 3.7%	0 0.0%	0 0.0%	1 1.5%	6 8.0%	3 3.5%	9 5.7%	1 1.5%	1 2.0%	0 0.0%	1 1.9%	5 3.5%	4 6.7%	0 0.0%	0 0.0%
Chi Square				39.13 .079				23.76 .305				23.44 .711			

(continued)

BREC End-Use and Energy Efficiency Survey (December 2007)

Table 26: On average, how much do you pay per month for electricity for your home?

All MCRECC respondents

	Income						Overall Satisfaction		Age of home						Primary heating source			
	Total	< \$15K	\$15K-\$25K	\$25K-\$40K	\$40-\$75K	> \$75K	Less than satis.	Satis.	<5 yrs	5-10	11-20	21-30	31-50	50+ yrs	Elec. furn.	HP/ geoth.	NG furn.	Prop. furn.
Unweighted Base	300	40	30	54	72	60	53	247	23	47	64	64	61	38	70	59	33	60
Base	300	40	30	54	72	60	53	247	23	47	64	64	61	38	70	59	33	60
Less than \$25	10 3.3%	1 2.5%	3 10.0%	0 0.0%	2 2.8%	2 3.3%	1 1.9%	9 3.6%	1 4.3%	2 4.3%	0 0.0%	3 4.7%	4 6.6%	0 0.0%	1 1.4%	0 0.0%	0 0.0%	1 1.7%
\$25-\$50	35 11.7%	17 42.5%	1 3.3%	2 3.7%	3 4.2%	6 10.0%	5 9.4%	30 12.1%	2 8.7%	2 4.3%	8 12.5%	10 15.6%	7 11.5%	6 15.8%	7 10.0%	4 6.8%	6 18.2%	10 16.7%
\$50-\$75	55 18.3%	5 12.5%	9 30.0%	16 29.6%	7 9.7%	12 20.0%	8 15.1%	47 19.0%	6 26.1%	9 19.1%	14 21.9%	6 9.4%	10 16.4%	9 23.7%	9 12.9%	11 18.6%	10 30.3%	12 20.0%
\$75-\$100	81 27.0%	10 25.0%	8 26.7%	14 25.9%	25 34.7%	14 23.3%	18 34.0%	63 25.5%	5 21.7%	19 40.4%	16 25.0%	12 18.8%	18 29.5%	10 26.3%	19 27.1%	13 22.0%	6 18.2%	21 35.0%
\$100-\$150	78 26.0%	6 15.0%	7 23.3%	16 29.6%	24 33.3%	17 28.3%	16 30.2%	62 25.1%	6 26.1%	11 23.4%	16 25.0%	22 34.4%	13 21.3%	9 23.7%	21 30.0%	20 33.9%	7 21.2%	14 23.3%
\$150-\$200	23 7.7%	1 2.5%	2 6.7%	2 3.7%	9 12.5%	3 5.0%	4 7.5%	19 7.7%	1 4.3%	2 4.3%	7 10.9%	6 9.4%	4 6.6%	3 7.9%	8 11.4%	8 13.6%	1 3.0%	0 0.0%
More than \$200	7 2.3%	0 0.0%	0 0.0%	3 5.6%	0 0.0%	3 5.0%	0 0.0%	7 2.8%	0 0.0%	1 2.1%	1 1.6%	3 4.7%	1 1.6%	1 2.6%	3 4.3%	1 1.7%	1 3.0%	0 0.0%
Refused to guess	11 3.7%	0 0.0%	0 0.0%	1 1.9%	2 2.8%	3 5.0%	1 1.9%	10 4.0%	2 8.7%	1 2.1%	2 3.1%	2 3.1%	4 6.6%	0 0.0%	2 2.9%	2 3.4%	2 6.1%	2 3.3%
Chi Square				79.79 .001			4.70 .697				31.39 .643					26.53 .187		

BREC End-Use and Energy Efficiency Survey (December 2007)

Table 27: What was the last grade you completed in school?

All MCRECC respondents

	Gender		Financial burden of the electric bill			Number of people in the home					Length of time served by co-op					
	Total	Male	Female	Not too much	Some	Quite a bit	1	2	3	4	5+	<5 yrs.	5-10	11-15	16-25	>25 yrs.
Unweighted Base	300	162	138	151	112	36	48	148	49	38	17	35	53	22	57	133
Base	300	162	138	151	112	36	48	148	49	38	17	35	53	22	57	133
8th grade or less	19 6.3%	8 4.9%	11 8.0%	7 4.6%	4 3.6%	8 22.2%	6 12.5%	8 5.4%	3 6.1%	0 0.0%	2 11.8%	2 5.7%	1 1.9%	1 4.5%	1 1.8%	14 10.5%
Some high school	33 11.0%	18 11.1%	15 10.9%	16 10.6%	13 11.6%	4 11.1%	3 6.3%	20 13.5%	5 10.2%	3 7.9%	2 11.8%	4 11.4%	6 11.3%	4 18.2%	3 5.3%	16 12.0%
High school graduate/vo-tech/GED	144 48.0%	77 47.5%	67 48.6%	69 45.7%	58 51.8%	16 44.4%	20 41.7%	69 46.6%	31 63.3%	18 47.4%	6 35.3%	20 57.1%	24 45.3%	9 40.9%	26 45.6%	65 48.9%
Some college/associate's degree	60 20.0%	30 18.5%	30 21.7%	30 19.9%	26 23.2%	4 11.1%	14 29.2%	26 17.6%	8 16.3%	9 23.7%	3 17.6%	6 17.1%	10 18.9%	6 27.3%	14 24.6%	24 18.0%
College graduate/bachelor's degree	25 8.3%	14 8.6%	11 8.0%	15 9.9%	7 6.3%	3 8.3%	3 6.3%	14 9.5%	2 4.1%	6 15.8%	0 0.0%	2 5.7%	8 15.1%	0 0.0%	9 15.8%	6 4.5%
Post college/graduate school	16 5.3%	13 8.0%	3 2.2%	13 8.6%	3 2.7%	0 0.0%	1 2.1%	10 6.8%	0 0.0%	2 5.3%	3 17.6%	1 2.9%	3 5.7%	2 9.1%	4 7.0%	6 4.5%
Refused	3 1.0%	2 1.2%	1 0.7%	1 0.7%	1 0.9%	1 2.8%	1 2.1%	1 0.7%	0 0.0%	0 0.0%	1 5.9%	0 0.0%	1 1.9%	0 0.0%	0 0.0%	2 1.5%
Chi Square		6.51 .369		27.76 .006				35.08 .067					27.38 .287			

(continued)

BREC End-Use and Energy Efficiency Survey (December 2007)

Table 27: What was the last grade you completed in school?

All MCRECC respondents

	Age						Type of home				Education				
	Total	18-34	35-44	45-54	55-64	65+	Single-story	Multi-story	Mobile	Other	<HS grad	HS grad	Some college	College grad	Post college
Unweighted Base	300	26	41	67	75	85	158	67	49	26	52	144	60	25	16
Base	300	26	41	67	75	85	158	67	49	26	52	144	60	25	16
8th grade or less	19 6.3%	0 0.0%	2 4.9%	2 3.0%	2 2.7%	13 15.3%	3 1.9%	5 7.5%	9 18.4%	2 7.7%	19 36.5%	0 0.0%	0 0.0%	0 0.0%	0 0.0%
Some high school	33 11.0%	5 19.2%	2 4.9%	6 9.0%	8 10.7%	12 14.1%	17 10.8%	3 4.5%	11 22.4%	2 7.7%	33 63.5%	0 0.0%	0 0.0%	0 0.0%	0 0.0%
High school graduate/vo-tech/GED	144 48.0%	12 46.2%	18 43.9%	38 56.7%	43 57.3%	31 36.5%	86 54.4%	24 35.8%	19 38.8%	15 57.7%	0 0.0%	144 100.0%	0 0.0%	0 0.0%	0 0.0%
Some college/associate's degree	60 20.0%	4 15.4%	11 26.8%	16 23.9%	12 16.0%	15 17.6%	32 20.3%	16 23.9%	9 18.4%	3 11.5%	0 0.0%	0 0.0%	60 100.0%	0 0.0%	0 0.0%
College graduate/bachelor's degree	25 8.3%	3 11.5%	6 14.6%	2 3.0%	5 6.7%	8 9.4%	12 7.6%	9 13.4%	1 2.0%	3 11.5%	0 0.0%	0 0.0%	0 0.0%	25 100.0%	0 0.0%
Post college/graduate school	16 5.3%	2 7.7%	2 4.9%	2 3.0%	4 5.3%	6 7.1%	7 4.4%	9 13.4%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	16 100.0%
Refused	3 1.0%	0 0.0%	0 0.0%	1 1.5%	1 1.3%	0 0.0%	1 0.6%	1 1.5%	0 0.0%	1 3.8%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%
Chi Square				35.05 .068				51.63 .001					1000+ .001		

(continued)

BREC End-Use and Energy Efficiency Survey (December 2007)

Table 27: What was the last grade you completed in school?

All MCRECC respondents

	Total	Income					Overall Satisfaction		Age of home						Primary heating source			
		< \$15K	\$15K-\$25K	\$25K-\$40K	\$40-\$75K	> \$75K	Less than satis.	Satis.	<5 yrs	5-10	11-20	21-30	31-50	50+ yrs	Elec. furn.	HP/ geoth.	NG furn.	Prop. furn.
Unweighted Base	300	40	30	54	72	60	53	247	23	47	64	64	61	38	70	59	33	60
Base	300	40	30	54	72	60	53	247	23	47	64	64	61	38	70	59	33	60
8th grade or less	19 6.3%	9 22.5%	3 10.0%	2 3.7%	1 1.4%	0 0.0%	1 1.9%	18 7.3%	0 0.0%	2 4.3%	5 7.8%	3 4.7%	5 8.2%	3 7.9%	6 8.6%	3 5.1%	1 3.0%	2 3.3%
Some high school	33 11.0%	9 22.5%	6 20.0%	7 13.0%	5 6.9%	2 3.3%	14 26.4%	19 7.7%	0 0.0%	7 14.9%	10 15.6%	5 7.8%	7 11.5%	3 7.9%	11 15.7%	3 5.1%	2 6.1%	7 11.7%
High school graduate/vo-tech/GED	144 48.0%	16 40.0%	14 46.7%	30 55.6%	37 51.4%	25 41.7%	23 43.4%	121 49.0%	9 39.1%	22 46.8%	29 45.3%	31 48.4%	32 52.5%	20 52.6%	33 47.1%	23 39.0%	18 54.5%	32 53.3%
Some college/associate's degree	60 20.0%	3 7.5%	6 20.0%	9 16.7%	19 26.4%	15 25.0%	9 17.0%	51 20.6%	7 30.4%	11 23.4%	10 15.6%	16 25.0%	8 13.1%	8 21.1%	16 22.9%	14 23.7%	8 24.2%	8 13.3%
College graduate/bachelor's degree	25 8.3%	3 7.5%	1 3.3%	5 9.3%	4 5.6%	9 15.0%	4 7.5%	21 8.5%	4 17.4%	4 8.5%	5 7.8%	3 4.7%	6 9.8%	3 7.9%	2 2.9%	9 15.3%	2 6.1%	6 10.0%
Post college/graduate school	16 5.3%	0 0.0%	0 0.0%	1 1.9%	5 6.9%	9 15.0%	0 0.0%	16 6.5%	3 13.0%	1 2.1%	4 6.3%	6 9.4%	1 1.6%	1 2.6%	1 1.4%	6 10.2%	2 6.1%	4 6.7%
Refused	3 1.0%	0 0.0%	0 0.0%	0 0.0%	1 1.4%	0 0.0%	2 3.8%	1 0.4%	0 0.0%	0 0.0%	1 1.6%	0 0.0%	2 3.3%	0 0.0%	1 1.4%	1 1.7%	0 0.0%	1 1.7%
Chi Square				66.25 .001			24.93 .001				29.58 .488					21.16 .271		

BREC End-Use and Energy Efficiency Survey (December 2007)

Table 28: In what year were you born?

All MCRECC respondents

	Gender		Financial burden of the electric bill			Number of people in the home					Length of time served by co-op					
	Total	Male	Female	Not too much	Some	Quite a bit	1	2	3	4	5+	<5 yrs.	5-10	11-15	16-25	>25 yrs.
Unweighted Base	300	162	138	151	112	36	48	148	49	38	17	35	53	22	57	133
Base	300	162	138	151	112	36	48	148	49	38	17	35	53	22	57	133
65+	85	43	42	44	25	15	22	52	8	1	2	6	10	1	12	56
	28.3%	26.5%	30.4%	29.1%	22.3%	41.7%	45.8%	35.1%	16.3%	2.6%	11.8%	17.1%	18.9%	4.5%	21.1%	42.1%
					-	+	+++	++	-	-			-			+++
1914	1	1	0	1	0	0	0	1	0	0	0	0	0	0	1	0
	0.3%	0.6%	0.0%	0.7%	0.0%	0.0%	0.0%	0.7%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	1.8%	0.0%
															++	
1920	1	0	1	0	1	0	0	1	0	0	0	0	0	0	1	0
	0.3%	0.0%	0.7%	0.0%	0.9%	0.0%	0.0%	0.7%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	1.8%	0.0%
															++	
1921	1	0	1	0	0	1	0	1	0	0	0	0	0	0	0	1
	0.3%	0.0%	0.7%	0.0%	0.0%	2.8%	0.0%	0.7%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.8%
						+++										
1922	3	3	0	2	0	1	1	2	0	0	0	0	0	0	0	3
	1.0%	1.9%	0.0%	1.3%	0.0%	2.8%	2.1%	1.4%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	2.3%
																+
1923	1	0	1	0	0	1	1	0	0	0	0	0	0	0	0	1
	0.3%	0.0%	0.7%	0.0%	0.0%	2.8%	2.1%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.8%
						+++										
1925	1	0	1	0	1	0	0	1	0	0	0	0	0	0	0	1
	0.3%	0.0%	0.7%	0.0%	0.9%	0.0%	0.0%	0.7%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.8%
1927	1	1	0	1	0	0	0	1	0	0	0	0	0	0	1	0
	0.3%	0.6%	0.0%	0.7%	0.0%	0.0%	0.0%	0.7%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	1.8%	0.0%
															++	
1928	3	1	2	0	1	2	0	3	0	0	0	0	0	0	1	2
	1.0%	0.6%	1.4%	0.0%	0.9%	5.6%	0.0%	2.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	1.5%	1.5%
						+++		+								
1929	4	3	1	1	1	2	1	2	1	0	0	0	0	0	0	4
	1.3%	1.9%	0.7%	0.7%	0.9%	5.6%	2.1%	1.4%	2.0%	0.0%	0.0%	0.0%	0.0%	0.0%	3.0%	3.0%
						++										++

(continued)

BREC End-Use and Energy Efficiency Survey (December 2007)

Table 28: In what year were you born?

(continued)

All MCRECC respondents

	Gender		Financial burden of the electric bill			Number of people in the home					Length of time served by co-op						
	Total	Male	Female	Not too much	Some	Quite a bit	1	2	3	4	5+	<5 yrs.	5-10	11-15	16-25	>25 yrs.	
Unweighted Base	300	162	138	151	112	36	48	148	49	38	17	35	53	22	57	133	
Base	300	162	138	151	112	36	48	148	49	38	17	35	53	22	57	133	
1930	3 1.0%	1 0.6%	2 1.4%	0 0.0%	2 1.8%	1 2.8%	2 4.2%	1 0.7%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	3 2.3%
							++										+
1931	2 0.7%	1 0.6%	1 0.7%	1 0.7%	1 0.9%	0 0.0%	1 2.1%	1 0.7%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	2 1.5%
1932	3 1.0%	2 1.2%	1 0.7%	1 0.7%	2 1.8%	0 0.0%	0 0.0%	3 2.0%	0 0.0%	0 0.0%	0 0.0%	1 2.9%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	2 1.5%
								+									
1933	5 1.7%	3 1.9%	2 1.4%	5 3.3%	0 0.0%	0 0.0%	3 6.3%	1 0.7%	0 0.0%	0 0.0%	1 5.9%	1 2.9%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	4 3.0%
				++			+++										
1934	4 1.3%	2 1.2%	2 1.4%	4 2.6%	0 0.0%	0 0.0%	1 2.1%	2 1.4%	1 2.0%	0 0.0%	0 0.0%	0 0.0%	1 1.9%	0 0.0%	0 0.0%	0 0.0%	3 2.3%
				++													
1935	9 3.0%	3 1.9%	6 4.3%	2 1.3%	5 4.5%	1 2.8%	2 4.2%	7 4.7%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	2 3.8%	0 0.0%	0 0.0%	0 0.0%	7 5.3%
				-				+									++
1936	3 1.0%	1 0.6%	2 1.4%	2 1.3%	1 0.9%	0 0.0%	1 2.1%	2 1.4%	0 0.0%	0 0.0%	0 0.0%	1 2.9%	1 1.9%	1 4.5%	0 0.0%	0 0.0%	0 0.0%
1937	3 1.0%	1 0.6%	2 1.4%	3 2.0%	0 0.0%	0 0.0%	1 2.1%	2 1.4%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	1 1.8%	2 1.5%
				+													
1938	4 1.3%	2 1.2%	2 1.4%	2 1.3%	1 0.9%	1 2.8%	1 2.1%	3 2.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	1 1.8%	1 2.3%	3 2.3%

(continued)

BREC End-Use and Energy Efficiency Survey (December 2007)

Table 28: In what year were you born?

(continued)

All MCRECC respondents

	Gender		Financial burden of the electric bill			Number of people in the home					Length of time served by co-op					
	Total	Male	Female	Not too much	Some	Quite a bit	1	2	3	4	5+	<5 yrs.	5-10	11-15	16-25	>25 yrs.
Unweighted Base	300	162	138	151	112	36	48	148	49	38	17	35	53	22	57	133
Base	300	162	138	151	112	36	48	148	49	38	17	35	53	22	57	133
1939	5 1.7%	2 1.2%	3 2.2%	1 0.7%	2 1.8%	2 5.6%	0 0.0%	3 2.0%	1 2.0%	0 0.0%	1 5.9%	2 5.7%	0 0.0%	0 0.0%	1 1.8%	2 1.5%
1940	13 4.3%	8 4.9%	5 3.6%	7 4.6%	3 2.7%	3 8.3%	2 4.2%	9 6.1%	1 2.0%	1 2.6%	0 0.0%	0 0.0%	6 11.3%	0 0.0%	3 5.3%	4 3.0%
1941	9 3.0%	6 3.7%	3 2.2%	8 5.3%	1 0.9%	0 0.0%	3 6.3%	3 2.0%	3 6.1%	0 0.0%	0 0.0%	1 2.9%	0 0.0%	0 0.0%	2 3.5%	6 4.5%
1942	6 2.0%	2 1.2%	4 2.9%	3 2.0%	3 2.7%	0 0.0%	2 4.2%	3 2.0%	1 2.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	6 4.5%
55-64	75 25.0%	41 25.3%	34 24.6%	45 29.8%	25 22.3%	5 13.9%	12 25.0%	47 31.8%	13 26.5%	2 5.3%	1 5.9%	5 14.3%	7 13.2%	5 22.7%	9 15.8%	49 36.8%
1943	5 1.7%	4 2.5%	1 0.7%	3 2.0%	2 1.8%	0 0.0%	2 4.2%	3 2.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	1 4.5%	0 0.0%	4 3.0%
1944	7 2.3%	4 2.5%	3 2.2%	5 3.3%	2 1.8%	0 0.0%	0 0.0%	5 3.4%	1 2.0%	1 2.6%	0 0.0%	0 0.0%	1 1.9%	0 0.0%	0 0.0%	6 4.5%
1945	10 3.3%	5 3.1%	5 3.6%	4 2.6%	5 4.5%	1 2.8%	2 4.2%	7 4.7%	0 0.0%	0 0.0%	1 5.9%	2 5.7%	1 1.9%	1 4.5%	2 3.5%	4 3.0%
1946	10 3.3%	6 3.7%	4 2.9%	6 4.0%	4 3.6%	0 0.0%	0 0.0%	8 5.4%	2 4.1%	0 0.0%	0 0.0%	2 5.7%	2 3.8%	0 0.0%	1 1.8%	5 3.8%

(continued)

BREC End-Use and Energy Efficiency Survey (December 2007)

Table 28: In what year were you born?

(continued)

All MCRECC respondents

	Gender		Financial burden of the electric bill			Number of people in the home					Length of time served by co-op					
	Total	Male	Female	Not too much	Some	Quite a bit	1	2	3	4	5+	<5 yrs.	5-10	11-15	16-25	>25 yrs.
Unweighted Base	300	162	138	151	112	36	48	148	49	38	17	35	53	22	57	133
Base	300	162	138	151	112	36	48	148	49	38	17	35	53	22	57	133
1947	7 2.3%	3 1.9%	4 2.9%	3 2.0%	3 2.7%	1 2.8%	1 2.1%	5 3.4%	1 2.0%	0 0.0%	0 0.0%	1 2.9%	0 0.0%	0 0.0%	1 1.8%	5 3.8%
1948	7 2.3%	2 1.2%	5 3.6%	5 3.3%	2 1.8%	0 0.0%	1 2.1%	6 4.1%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	1 4.5%	2 3.5%	4 3.0%
1949	7 2.3%	4 2.5%	3 2.2%	6 4.0%	0 0.0%	1 2.8%	0 0.0%	4 2.7%	3 6.1%	0 0.0%	0 0.0%	0 0.0%	1 1.9%	1 4.5%	1 1.8%	4 3.0%
1950	6 2.0%	3 1.9%	3 2.2%	3 2.0%	2 1.8%	1 2.8%	2 4.2%	3 2.0%	0 0.0%	1 2.6%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	6 4.5% +++
1951	11 3.7%	6 3.7%	5 3.6%	6 4.0%	4 3.6%	1 2.8%	4 8.3%	3 2.0%	4 8.2%	0 0.0%	0 0.0%	0 0.0%	2 3.8%	1 4.5%	0 0.0%	8 6.0% +
1952	5 1.7%	4 2.5%	1 0.7%	4 2.6%	1 0.9%	0 0.0%	0 0.0%	3 2.0%	2 4.1%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	2 3.5%	3 2.3%
45-54	67 22.3%	35 21.6%	32 23.2%	25 16.6%	36 32.1%	6 16.7%	5 10.4%	36 24.3%	10 20.4%	13 34.2%	3 17.6%	9 25.7%	14 26.4%	9 40.9%	16 28.1%	19 14.3%
1953	8 2.7%	4 2.5%	4 2.9%	2 1.3%	4 3.6%	2 5.6%	2 4.2%	3 2.0%	2 4.1%	0 0.0%	1 5.9%	0 0.0%	2 3.8%	3 13.6%	0 0.0%	3 2.3%
1954	7 2.3%	5 3.1%	2 1.4%	1 0.7%	5 4.5%	1 2.8%	0 0.0%	5 3.4%	1 2.0%	1 2.6%	0 0.0%	0 0.0%	1 1.9%	0 0.0%	2 3.5%	4 3.0%

(continued)

BREC End-Use and Energy Efficiency Survey (December 2007)

Table 28: In what year were you born?

(continued)

All MCRECC respondents

	Gender		Financial burden of the electric bill			Number of people in the home					Length of time served by co-op					
	Total	Male	Female	Not too much	Some	Quite a bit	1	2	3	4	5+	<5 yrs.	5-10	11-15	16-25	>25 yrs.
Unweighted Base	300	162	138	151	112	36	48	148	49	38	17	35	53	22	57	133
Base	300	162	138	151	112	36	48	148	49	38	17	35	53	22	57	133
1955	9 3.0%	4 2.5%	5 3.6%	2 1.3%	6 5.4%	1 2.8%	1 2.1%	5 3.4%	1 2.0%	2 5.3%	0 0.0%	1 2.9%	0 0.0%	3 13.6%	0 0.0%	5 3.8%
1956	5 1.7%	2 1.2%	3 2.2%	- 3.3%	+ 0.0%	0 0.0%	0 0.0%	2 1.4%	3 6.1%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	1 4.5%	2 3.5%	2 1.5%
1957	7 2.3%	2 1.2%	5 3.6%	2 1.3%	5 4.5%	0 0.0%	0 0.0%	5 3.4%	1 2.0%	1 2.6%	0 0.0%	3 8.6%	1 1.9%	0 0.0%	3 5.3%	0 0.0%
1958	6 2.0%	2 1.2%	4 2.9%	3 2.0%	3 2.7%	0 0.0%	0 0.0%	2 1.4%	1 2.0%	3 7.9%	0 0.0%	2 5.7%	1 1.9%	0 0.0%	1 1.8%	2 1.5%
1959	7 2.3%	4 2.5%	3 2.2%	4 2.6%	2 1.8%	1 2.8%	0 0.0%	3 2.0%	1 2.0%	3 7.9%	0 0.0%	0 0.0%	3 5.7%	2 9.1%	1 1.8%	1 0.8%
1960	5 1.7%	3 1.9%	2 1.4%	3 2.0%	2 1.8%	0 0.0%	0 0.0%	3 2.0%	0 0.0%	2 5.3%	0 0.0%	1 2.9%	2 3.8%	0 0.0%	2 3.5%	0 0.0%
1961	7 2.3%	6 3.7%	1 0.7%	2 1.3%	5 4.5%	0 0.0%	1 2.1%	4 2.7%	0 0.0%	1 2.6%	1 5.9%	1 2.9%	2 3.8%	0 0.0%	2 3.5%	2 1.5%
1962	6 2.0%	3 1.9%	3 2.2%	1 0.7%	4 3.6%	1 2.8%	1 2.1%	4 2.7%	0 0.0%	0 0.0%	1 5.9%	1 2.9%	2 3.8%	0 0.0%	3 5.3%	0 0.0%

(continued)

BREC End-Use and Energy Efficiency Survey (December 2007)

Table 28: In what year were you born?

(continued)

All MCRECC respondents

	Gender		Financial burden of the electric bill			Number of people in the home					Length of time served by co-op					
	Total	Male	Female	Not too much	Some	Quite a bit	1	2	3	4	5+	<5 yrs.	5-10	11-15	16-25	>25 yrs.
Unweighted Base	300	162	138	151	112	36	48	148	49	38	17	35	53	22	57	133
Base	300	162	138	151	112	36	48	148	49	38	17	35	53	22	57	133
35-44	41	25	16	18	17	6	5	5	12	14	5	6	9	2	19	5
	13.7%	15.4%	11.6%	11.9%	15.2%	16.7%	10.4%	3.4%	24.5%	36.8%	29.4%	17.1%	17.0%	9.1%	33.3%	3.8%
								—	++	+++					+++	—
1963	7	4	3	3	3	1	2	3	1	1	0	1	2	1	3	0
	2.3%	2.5%	2.2%	2.0%	2.7%	2.8%	4.2%	2.0%	2.0%	2.6%	0.0%	2.9%	3.8%	4.5%	5.3%	0.0%
1964	10	8	2	4	6	0	1	0	3	4	2	2	2	0	3	3
	3.3%	4.9%	1.4%	2.6%	5.4%	0.0%	2.1%	0.0%	6.1%	10.5%	11.8%	5.7%	3.8%	0.0%	5.3%	2.3%
		+	-							+++						
1965	6	4	2	2	3	1	1	0	2	3	0	0	2	0	4	0
	2.0%	2.5%	1.4%	1.3%	2.7%	2.8%	2.1%	0.0%	4.1%	7.9%	0.0%	0.0%	3.8%	0.0%	7.0%	0.0%
										+++					+++	
1966	4	2	2	2	1	1	1	1	1	1	0	1	1	0	2	0
	1.3%	1.2%	1.4%	1.3%	0.9%	2.8%	2.1%	0.7%	2.0%	2.6%	0.0%	2.9%	1.9%	0.0%	3.5%	0.0%
1967	5	3	2	3	0	2	0	1	2	2	0	1	2	0	2	0
	1.7%	1.9%	1.4%	2.0%	0.0%	5.6%	0.0%	0.7%	4.1%	5.3%	0.0%	2.9%	3.8%	0.0%	3.5%	0.0%
					+					+						
1968	3	1	2	2	1	0	0	0	2	0	1	0	0	1	1	1
	1.0%	0.6%	1.4%	1.3%	0.9%	0.0%	0.0%	0.0%	4.1%	0.0%	5.9%	0.0%	0.0%	4.5%	1.8%	0.8%
									++							
1969	2	1	1	0	2	0	0	0	0	1	1	1	0	0	1	0
	0.7%	0.6%	0.7%	0.0%	1.8%	0.0%	0.0%	0.0%	0.0%	2.6%	5.9%	2.9%	0.0%	0.0%	1.8%	0.0%
					+							+				
1970	1	1	0	0	1	0	0	0	0	0	1	0	0	0	1	0
	0.3%	0.6%	0.0%	0.0%	0.9%	0.0%	0.0%	0.0%	0.0%	0.0%	5.9%	0.0%	0.0%	0.0%	1.8%	0.0%
															++	

(continued)

BREC End-Use and Energy Efficiency Survey (December 2007)

Table 28: In what year were you born?

(continued)

All MCRECC respondents

	Gender		Financial burden of the electric bill			Number of people in the home					Length of time served by co-op					
	Total	Male	Female	Not too much	Some	Quite a bit	1	2	3	4	5+	<5 yrs.	5-10	11-15	16-25	>25 yrs.
Unweighted Base	300	162	138	151	112	36	48	148	49	38	17	35	53	22	57	133
Base	300	162	138	151	112	36	48	148	49	38	17	35	53	22	57	133
1971	2 0.7%	1 0.6%	1 0.7%	2 1.3%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	1 2.0%	1 2.6%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	1 1.8%	1 0.8%
1972	1 0.3%	0 0.0%	1 0.7%	0 0.0%	0 0.0%	1 2.8% +++	0 0.0%	0 0.0%	0 0.0%	1 2.6% +++	0 0.0%	0 0.0%	0 0.0%	0 0.0%	1 1.8% ++	0 0.0%
25-34	24 8.0%	16 9.9%	8 5.8%	15 9.9%	6 5.4%	3 8.3%	2 4.2%	4 2.7%	6 12.2%	7 18.4%	5 29.4%	8 22.9%	11 20.8%	4 18.2%	0 0.0%	1 0.8%
1973	6 2.0%	5 3.1%	1 0.7%	4 2.6%	2 1.8%	0 0.0%	1 2.1%	2 1.4%	1 2.0%	1 2.6%	1 5.9%	1 2.9%	3 5.7% ++	2 9.1%	0 0.0%	0 0.0%
1974	3 1.0%	2 1.2%	1 0.7%	1 0.7%	0 0.0%	2 5.6% +++	0 0.0%	0 0.0%	1 2.0%	2 5.3% +++	0 0.0%	0 0.0%	2 3.8% ++	1 4.5%	0 0.0%	0 0.0%
1975	1 0.3%	1 0.6%	0 0.0%	1 0.7%	0 0.0%	0 0.0%	1 2.1% ++	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	1 4.5%	0 0.0%	0 0.0%
1977	2 0.7%	2 1.2%	0 0.0%	1 0.7%	1 0.9%	0 0.0%	0 0.0%	0 0.0%	1 2.0%	1 2.6%	0 0.0%	1 2.9% +	1 1.9%	0 0.0%	0 0.0%	0 0.0%
1978	3 1.0%	1 0.6%	2 1.4%	2 1.3%	1 0.9%	0 0.0%	0 0.0%	1 0.7%	0 0.0%	1 2.6%	1 5.9%	0 0.0%	2 3.8% ++	0 0.0%	0 0.0%	1 0.8%
1979	2 0.7%	1 0.6%	1 0.7%	0 0.0%	2 1.8% +	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	2 11.8%	1 2.9% +	1 1.9%	0 0.0%	0 0.0%	0 0.0%

(continued)

BREC End-Use and Energy Efficiency Survey (December 2007)

Table 28: In what year were you born?

(continued)

All MCRECC respondents

	Gender		Financial burden of the electric bill			Number of people in the home					Length of time served by co-op					
	Total	Male	Female	Not too much	Some	Quite a bit	1	2	3	4	5+	<5 yrs.	5-10	11-15	16-25	>25 yrs.
Unweighted Base	300	162	138	151	112	36	48	148	49	38	17	35	53	22	57	133
Base	300	162	138	151	112	36	48	148	49	38	17	35	53	22	57	133
1980	1 0.3%	1 0.6%	0 0.0%	1 0.7%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	1 2.6% +++	0 0.0%	1 2.9% +++	0 0.0%	0 0.0%	0 0.0%	0 0.0%
1981	2 0.7%	1 0.6%	1 0.7%	2 1.3%	0 0.0%	0 0.0%	0 0.0%	1 0.7%	0 0.0%	0 0.0%	1 5.9%	1 2.9% +	1 1.9%	0 0.0%	0 0.0%	0 0.0%
1982	4 1.3%	2 1.2%	2 1.4%	3 2.0%	0 0.0%	1 2.8%	0 0.0%	0 0.0%	3 6.1% +++	1 2.6%	0 0.0%	3 8.6% +++	1 1.9%	0 0.0%	0 0.0%	0 0.0%
18-24	2 0.7%	1 0.6%	1 0.7%	1 0.7%	1 0.9%	0 0.0%	0 0.0%	1 0.7%	0 0.0%	1 2.6%	0 0.0%	0 0.0%	1 1.9%	1 4.5%	0 0.0%	0 0.0%
1983	1 0.3%	0 0.0%	1 0.7%	0 0.0%	1 0.9%	0 0.0%	0 0.0%	1 0.7%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	1 1.9% ++	0 0.0%	0 0.0%	0 0.0%
1988	1 0.3%	1 0.6%	0 0.0%	1 0.7%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	1 2.6% +++	0 0.0%	0 0.0%	0 0.0%	1 4.5%	0 0.0%	0 0.0%
Refused	6 2.0%	1 0.6%	5 3.6% +	3 2.0%	2 1.8%	1 2.8%	2 4.2%	3 2.0%	0 0.0%	0 0.0%	1 5.9%	1 2.9%	1 1.9%	0 0.0%	1 1.8%	3 2.3%
Refused	6 2.0%	1 0.6% -	5 3.6% +	3 2.0%	2 1.8%	1 2.8%	2 4.2%	3 2.0%	0 0.0%	0 0.0%	1 5.9%	1 2.9%	1 1.9%	0 0.0%	1 1.8%	3 2.3%
Chi Square		46.01 .947			156.79 .033				332.89 p<.001				336.81 p<.001			

(continued)

BREC End-Use and Energy Efficiency Survey (December 2007)

Table 28: In what year were you born?

All MCRECC respondents

	Age					Type of home				Education					
	Total	18-34	35-44	45-54	55-64	65+	Single-story	Multi-story	Mobile	Other	<HS grad	HS grad	Some college	College grad	Post college
Unweighted Base	300	26	41	67	75	85	158	67	49	26	52	144	60	25	16
Base	300	26	41	67	75	85	158	67	49	26	52	144	60	25	16
65+	85	0	0	0	0	85	44	20	14	7	25	31	15	8	6
	28.3%	0.0%	0.0%	0.0%	0.0%	100.0%	27.8%	29.9%	28.6%	26.9%	48.1%	21.5%	25.0%	32.0%	37.5%
						+++					+++	--			
1914	1 0.3%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	1 1.2%	1 0.6%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	1 4.0%	0 0.0%
1920	1 0.3%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	1 1.2%	1 0.6%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	1 4.0%	0 0.0%
1921	1 0.3%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	1 1.2%	0 0.0%	0 0.0%	1 2.0%	0 0.0%	1 1.9%	0 0.0%	0 0.0%	0 0.0%	0 0.0%
									++		++				
1922	3 1.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	3 3.5%	0 0.0%	1 1.5%	1 2.0%	1 3.8%	1 1.9%	1 0.7%	0 0.0%	0 0.0%	1 6.3%
						+++									
1923	1 0.3%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	1 1.2%	0 0.0%	0 0.0%	1 2.0%	0 0.0%	1 1.9%	0 0.0%	0 0.0%	0 0.0%	0 0.0%
									++		++				
1925	1 0.3%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	1 1.2%	1 0.6%	0 0.0%	0 0.0%	0 0.0%	1 1.9%	0 0.0%	0 0.0%	0 0.0%	0 0.0%
											++				
1927	1 0.3%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	1 1.2%	0 0.0%	0 0.0%	1 2.0%	0 0.0%	0 0.0%	1 0.7%	0 0.0%	0 0.0%	0 0.0%
									++						
1928	3 1.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	3 3.5%	3 1.9%	0 0.0%	0 0.0%	0 0.0%	1 1.9%	1 0.7%	0 0.0%	1 4.0%	0 0.0%
						+++	+								
1929	4 1.3%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	4 4.7%	2 1.3%	2 3.0%	0 0.0%	0 0.0%	3 5.8%	1 0.7%	0 0.0%	0 0.0%	0 0.0%
						+++					+++				

(continued)

BREC End-Use and Energy Efficiency Survey (December 2007)

Table 28: In what year were you born?

(continued)

All MCRECC respondents

	Age						Type of home				Education				
	Total	18-34	35-44	45-54	55-64	65+	Single-story	Multi-story	Mobile	Other	<HS grad	HS grad	Some college	College grad	Post college
Unweighted Base	300	26	41	67	75	85	158	67	49	26	52	144	60	25	16
Base	300	26	41	67	75	85	158	67	49	26	52	144	60	25	16
1930	3 1.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	3 3.5% +++	1 0.6%	1 1.5%	1 2.0%	0 0.0%	2 3.8%	0 0.0%	1 1.7%	0 0.0%	0 0.0%
1931	2 0.7%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	2 2.4% ++	0 0.0%	1 1.5%	1 2.0%	0 0.0%	1 1.9%	0 0.0%	0 0.0%	0 0.0%	1 6.3%
1932	3 1.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	3 3.5% +++	2 1.3%	1 1.5%	0 0.0%	0 0.0%	0 0.0%	1 0.7%	0 0.0%	2 8.0%	0 0.0%
1933	5 1.7%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	5 5.9% +++	2 1.3%	0 0.0%	3 6.1% +++	0 0.0%	2 3.8%	3 2.1%	0 0.0%	0 0.0%	0 0.0%
1934	4 1.3%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	4 4.7% +++	2 1.3%	0 0.0%	1 2.0%	1 3.8%	1 1.9%	2 1.4%	0 0.0%	0 0.0%	1 6.3%
1935	9 3.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	9 10.6% +++	6 3.8%	3 4.5%	0 0.0%	0 0.0%	1 1.9%	6 4.2%	1 1.7%	0 0.0%	1 6.3%
1936	3 1.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	3 3.5% +++	1 0.6%	1 1.5%	0 0.0%	1 3.8%	2 3.8% ++	1 0.7%	0 0.0%	0 0.0%	0 0.0%
1937	3 1.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	3 3.5% +++	2 1.3%	0 0.0%	1 2.0%	0 0.0%	1 1.9%	1 0.7%	1 1.7%	0 0.0%	0 0.0%
1938	4 1.3%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	4 4.7% +++	2 1.3%	1 1.5%	0 0.0%	1 3.8%	1 1.9%	2 1.4%	1 1.7%	0 0.0%	0 0.0%

(continued)

BREC End-Use and Energy Efficiency Survey (December 2007)

Table 28: In what year were you born?

(continued)

All MCRECC respondents

	Age						Type of home				Education				
	Total	18-34	35-44	45-54	55-64	65+	Single-story	Multi-story	Mobile	Other	<HS grad	HS grad	Some college	College grad	Post college
Unweighted Base	300	26	41	67	75	85	158	67	49	26	52	144	60	25	16
Base	300	26	41	67	75	85	158	67	49	26	52	144	60	25	16
1939	5 1.7%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	5 5.9% +++	2 1.3%	3 4.5% ++	0 0.0%	0 0.0%	0 0.0%	2 1.4%	2 3.3%	0 0.0%	1 6.3%
1940	13 4.3%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	13 15.3% +++	6 3.8%	3 4.5%	1 2.0%	3 11.5%	3 5.8%	4 2.8%	4 6.7%	1 4.0%	1 6.3%
1941	9 3.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	9 10.6% +++	6 3.8%	1 1.5%	2 4.1%	0 0.0%	2 3.8%	1 0.7%	4 6.7%	2 8.0%	0 0.0%
1942	6 2.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	6 7.1% +++	4 2.5%	2 3.0%	0 0.0%	0 0.0%	1 1.9%	4 2.8%	1 1.7%	0 0.0%	0 0.0%
55-64	75 25.0%	0 0.0%	0 0.0%	0 0.0%	75 100.0% +++	0 0.0%	46 29.1% +	15 22.4%	8 16.3%	6 23.1%	10 19.2%	43 29.9% +	12 20.0%	5 20.0%	4 25.0%
1943	5 1.7%	0 0.0%	0 0.0%	0 0.0%	5 6.7% +++	0 0.0%	1 0.6%	3 4.5% ++	0 0.0%	1 3.8%	1 1.9%	2 1.4%	1 1.7%	0 0.0%	1 6.3%
1944	7 2.3%	0 0.0%	0 0.0%	0 0.0%	7 9.3% +++	0 0.0%	6 3.8% +	0 0.0%	1 2.0%	0 0.0%	3 5.8% +	2 1.4%	0 0.0%	2 8.0%	0 0.0%
1945	10 3.3%	0 0.0%	0 0.0%	0 0.0%	10 13.3% +++	0 0.0%	6 3.8%	3 4.5%	1 2.0%	0 0.0%	1 1.9%	8 5.6% ++	0 0.0%	1 4.0%	0 0.0%
1946	10 3.3%	0 0.0%	0 0.0%	0 0.0%	10 13.3% +++	0 0.0%	5 3.2%	2 3.0%	1 2.0%	2 7.7%	1 1.9%	6 4.2%	2 3.3%	1 4.0%	0 0.0%

(continued)

BREC End-Use and Energy Efficiency Survey (December 2007)

Table 28: In what year were you born?

(continued)

All MCRECC respondents

	Age						Type of home				Education				
	Total	18-34	35-44	45-54	55-64	65+	Single-story	Multi-story	Mobile	Other	<HS grad	HS grad	Some college	College grad	Post college
Unweighted Base	300	26	41	67	75	85	158	67	49	26	52	144	60	25	16
Base	300	26	41	67	75	85	158	67	49	26	52	144	60	25	16
1947	7 2.3%	0 0.0%	0 0.0%	0 0.0%	7 9.3% +++	0 0.0%	4 2.5%	2 3.0%	1 2.0%	0 0.0%	2 3.8%	3 2.1%	2 3.3%	0 0.0%	0 0.0%
1948	7 2.3%	0 0.0%	0 0.0%	0 0.0%	7 9.3% +++	0 0.0%	3 1.9%	2 3.0%	1 2.0%	1 3.8%	1 1.9%	3 2.1%	2 3.3%	0 0.0%	1 6.3%
1949	7 2.3%	0 0.0%	0 0.0%	0 0.0%	7 9.3% +++	0 0.0%	5 3.2%	1 1.5%	1 2.0%	0 0.0%	0 0.0%	5 3.5%	1 1.7%	0 0.0%	1 6.3%
1950	6 2.0%	0 0.0%	0 0.0%	0 0.0%	6 8.0% +++	0 0.0%	5 3.2%	0 0.0%	0 0.0%	1 3.8%	0 0.0%	2 1.4%	3 5.0%	0 0.0%	0 0.0%
1951	11 3.7%	0 0.0%	0 0.0%	0 0.0%	11 14.7% +++	0 0.0%	8 5.1%	1 1.5%	2 4.1%	0 0.0%	1 1.9%	8 5.6% +	1 1.7%	1 4.0%	0 0.0%
1952	5 1.7%	0 0.0%	0 0.0%	0 0.0%	5 6.7% +++	0 0.0%	3 1.9%	1 1.5%	0 0.0%	1 3.8%	0 0.0%	4 2.8%	0 0.0%	0 0.0%	1 6.3%
45-54	67 22.3%	0 0.0%	0 0.0%	67 100.0%	0 0.0%	0 0.0%	33 20.9%	14 20.9%	11 22.4%	9 34.6%	8 15.4%	38 26.4%	16 26.7%	2 8.0%	2 12.5%
1953	8 2.7%	0 0.0%	0 0.0%	8 11.9% +++	0 0.0%	0 0.0%	3 1.9%	3 4.5%	2 4.1%	0 0.0%	1 1.9%	4 2.8%	3 5.0%	0 0.0%	0 0.0%
1954	7 2.3%	0 0.0%	0 0.0%	7 10.4% +++	0 0.0%	0 0.0%	4 2.5%	1 1.5%	1 2.0%	1 3.8%	0 0.0%	6 4.2% ++	1 1.7%	0 0.0%	0 0.0%

(continued)

BREC End-Use and Energy Efficiency Survey (December 2007)

Table 28: In what year were you born?

(continued)

All MCRECC respondents

	Age						Type of home				Education				
	Total	18-34	35-44	45-54	55-64	65+	Single-story	Multi-story	Mobile	Other	<HS grad	HS grad	Some college	College grad	Post college
Unweighted Base	300	26	41	67	75	85	158	67	49	26	52	144	60	25	16
Base	300	26	41	67	75	85	158	67	49	26	52	144	60	25	16
1955	9 3.0%	0 0.0%	0 0.0%	9 13.4% +++	0 0.0%	0 0.0%	4 2.5%	1 1.5%	2 4.1%	2 7.7%	1 1.9%	7 4.9% +	1 1.7%	0 0.0%	0 0.0%
1956	5 1.7%	0 0.0%	0 0.0%	5 7.5% +++	0 0.0%	0 0.0%	2 1.3%	1 1.5%	2 4.1%	0 0.0%	1 1.9%	3 2.1%	1 1.7%	0 0.0%	0 0.0%
1957	7 2.3%	0 0.0%	0 0.0%	7 10.4% +++	0 0.0%	0 0.0%	4 2.5%	1 1.5%	0 0.0%	2 7.7%	0 0.0%	6 4.2% ++	0 0.0%	0 0.0%	1 6.3%
1958	6 2.0%	0 0.0%	0 0.0%	6 9.0% +++	0 0.0%	0 0.0%	2 1.3%	2 3.0%	2 4.1%	0 0.0%	0 0.0%	3 2.1%	3 5.0% +	0 0.0%	0 0.0%
1959	7 2.3%	0 0.0%	0 0.0%	7 10.4% +++	0 0.0%	0 0.0%	3 1.9%	4 6.0% ++	0 0.0%	0 0.0%	0 0.0%	2 1.4%	3 5.0%	1 4.0%	0 0.0%
1960	5 1.7%	0 0.0%	0 0.0%	5 7.5% +++	0 0.0%	0 0.0%	3 1.9%	0 0.0%	1 2.0%	1 3.8%	2 3.8%	1 0.7%	2 3.3%	0 0.0%	0 0.0%
1961	7 2.3%	0 0.0%	0 0.0%	7 10.4% +++	0 0.0%	0 0.0%	5 3.2%	1 1.5%	0 0.0%	1 3.8%	2 3.8%	2 1.4%	2 3.3%	1 4.0%	0 0.0%
1962	6 2.0%	0 0.0%	0 0.0%	6 9.0% +++	0 0.0%	0 0.0%	3 1.9%	0 0.0%	1 2.0%	2 7.7%	1 1.9%	4 2.8%	0 0.0%	0 0.0%	1 6.3%
35-44	41 13.7%	0 0.0%	41 100.0% +++	0 0.0%	0 0.0%	0 0.0%	19 12.0%	13 19.4%	7 14.3%	2 7.7%	4 7.7%	18 12.5%	11 18.3%	6 24.0%	2 12.5%

(continued)

BREC End-Use and Energy Efficiency Survey (December 2007)

Table 28: In what year were you born?

(continued)

All MCRECC respondents

	Age						Type of home				Education				
	Total	18-34	35-44	45-54	55-64	65+	Single-story	Multi-story	Mobile	Other	<HS grad	HS grad	Some college	College grad	Post college
Unweighted Base	300	26	41	67	75	85	158	67	49	26	52	144	60	25	16
Base	300	26	41	67	75	85	158	67	49	26	52	144	60	25	16
1963	7 2.3%	0 0.0%	7 17.1% +++	0 0.0%	0 0.0%	0 0.0%	3 1.9%	0 0.0%	3 6.1% +	1 3.8%	0 0.0%	4 2.8%	2 3.3%	1 4.0%	0 0.0%
1964	10 3.3%	0 0.0%	10 24.4% +++	0 0.0%	0 0.0%	0 0.0%	5 3.2%	5 7.5% ++	0 0.0%	0 0.0%	0 0.0%	3 2.1%	4 6.7%	3 12.0%	0 0.0%
1965	6 2.0%	0 0.0%	6 14.6% +++	0 0.0%	0 0.0%	0 0.0%	3 1.9%	2 3.0%	1 2.0%	0 0.0%	1 1.9%	1 0.7%	3 5.0% +	1 4.0%	0 0.0%
1966	4 1.3%	0 0.0%	4 9.8% +++	0 0.0%	0 0.0%	0 0.0%	2 1.3%	0 0.0%	1 2.0%	1 3.8%	0 0.0%	3 2.1%	1 1.7%	0 0.0%	0 0.0%
1967	5 1.7%	0 0.0%	5 12.2% +++	0 0.0%	0 0.0%	0 0.0%	1 0.6%	4 6.0% +++	0 0.0%	0 0.0%	0 0.0%	3 2.1%	0 0.0%	0 0.0%	2 12.5%
1968	3 1.0%	0 0.0%	3 7.3% +++	0 0.0%	0 0.0%	0 0.0%	1 0.6%	1 1.5%	1 2.0%	0 0.0%	2 3.8%	0 0.0%	1 1.7%	0 0.0%	0 0.0%
1969	2 0.7%	0 0.0%	2 4.9% +++	0 0.0%	0 0.0%	0 0.0%	1 0.6%	0 0.0%	1 2.0%	0 0.0%	1 1.9%	1 0.7%	0 0.0%	0 0.0%	0 0.0%
1970	1 0.3%	0 0.0%	1 2.4% +++	0 0.0%	0 0.0%	0 0.0%	1 0.6%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	1 0.7%	0 0.0%	0 0.0%	0 0.0%
1971	2 0.7%	0 0.0%	2 4.9% +++	0 0.0%	0 0.0%	0 0.0%	2 1.3%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	2 1.4%	0 0.0%	0 0.0%	0 0.0%

(continued)

BREC End-Use and Energy Efficiency Survey (December 2007)

Table 28: In what year were you born?

(continued)

All MCRECC respondents

	Age						Type of home				Education				
	Total	18-34	35-44	45-54	55-64	65+	Single-story	Multi-story	Mobile	Other	<HS grad	HS grad	Some college	College grad	Post college
Unweighted Base	300	26	41	67	75	85	158	67	49	26	52	144	60	25	16
Base	300	26	41	67	75	85	158	67	49	26	52	144	60	25	16
1972	1 0.3%	0 0.0%	1 2.4% ++	0 0.0%	0 0.0%	0 0.0%	0 0.0%	1 1.5% +	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	1 4.0%	0 0.0%
25-34	24 8.0%	24 92.3%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	12 7.6%	3 4.5%	7 14.3%	2 7.7%	5 9.6%	11 7.6%	3 5.0%	3 12.0%	2 12.5%
1973	6 2.0%	6 23.1%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	4 2.5%	0 0.0%	1 2.0%	1 3.8%	1 1.9%	2 1.4%	0 0.0%	2 8.0%	1 6.3%
1974	3 1.0%	3 11.5%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	3 1.9%	0 0.0%	0 0.0%	0 0.0%	1 1.9%	2 1.4%	0 0.0%	0 0.0%	0 0.0%
1975	1 0.3%	1 3.8%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	1 3.8%	0 0.0%	1 0.7%	0 0.0%	0 0.0%	0 0.0%
1977	2 0.7%	2 7.7%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	1 0.6%	0 0.0%	1 2.0%	0 0.0%	0 0.0%	1 0.7%	0 0.0%	0 0.0%	1 6.3%
1978	3 1.0%	3 11.5%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	2 3.0% +	1 2.0%	0 0.0%	1 1.9%	0 0.0%	1 1.7%	1 4.0%	0 0.0%
1979	2 0.7%	2 7.7%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	1 1.5%	1 2.0%	0 0.0%	1 1.9%	1 0.7%	0 0.0%	0 0.0%	0 0.0%
1980	1 0.3%	1 3.8%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	1 0.6%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	1 1.7% ++	0 0.0%	0 0.0%

(continued)

BREC End-Use and Energy Efficiency Survey (December 2007)

Table 28: In what year were you born?

(continued)

All MCRECC respondents

	Age						Type of home				Education				
	Total	18-34	35-44	45-54	55-64	65+	Single-story	Multi-story	Mobile	Other	<HS grad	HS grad	Some college	College grad	Post college
Unweighted Base	300	26	41	67	75	85	158	67	49	26	52	144	60	25	16
Base	300	26	41	67	75	85	158	67	49	26	52	144	60	25	16
1981	2 0.7%	2 7.7%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	1 0.6%	0 0.0%	1 2.0%	0 0.0%	1 1.9%	1 0.7%	0 0.0%	0 0.0%	0 0.0%
1982	4 1.3%	4 15.4%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	2 1.3%	0 0.0%	2 4.1%	0 0.0%	0 0.0%	3 2.1%	1 1.7%	0 0.0%	0 0.0%
18-24	2 0.7%	2 7.7%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	1 0.6%	0 0.0%	1 2.0%	0 0.0%	0 0.0%	1 0.7%	1 1.7%	0 0.0%	0 0.0%
1983	1 0.3%	1 3.8%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	1 2.0%	0 0.0%	0 0.0%	0 0.0%	1 1.7%	0 0.0%	0 0.0%
1988	1 0.3%	1 3.8%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	1 0.6%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	1 0.7%	0 0.0%	0 0.0%	0 0.0%
Refused	6 2.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	3 1.9%	2 3.0%	1 2.0%	0 0.0%	0 0.0%	2 1.4%	2 3.3%	1 4.0%	0 0.0%
Refused	6 2.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	3 1.9%	2 3.0%	1 2.0%	0 0.0%	0 0.0%	2 1.4%	2 3.3%	1 4.0%	0 0.0%
Chi Square				1000+ p<.001					190.42 .457				287.95 .059		

(continued)

BREC End-Use and Energy Efficiency Survey (December 2007)

Table 28: In what year were you born?

All MCRECC respondents

	Income					Overall Satisfaction		Age of home						Primary heating source				
	Total	< \$15K	\$15K-\$25K	\$25K-\$40K	\$40-\$75K	> \$75K	Less than satis.	Satis.	<5 yrs	5-10	11-20	21-30	31-50	50+ yrs	Elec. furn.	HP/ geoth.	NG furn.	Prop. furn.
Unweighted Base	300	40	30	54	72	60	53	247	23	47	64	64	61	38	70	59	33	60
Base	300	40	30	54	72	60	53	247	23	47	64	64	61	38	70	59	33	60
65+	85	19	14	15	14	8	8	77	3	14	10	15	27	16	18	13	11	15
	28.3%	47.5%	46.7%	27.8%	19.4%	13.3%	15.1%	31.2%	13.0%	29.8%	15.6%	23.4%	44.3%	42.1%	25.7%	22.0%	33.3%	25.0%
		+++	++	-	-	-	-	++			-		+++	++				
1914	1	0	1	0	0	0	0	1	0	0	1	0	0	0	0	1	0	0
	0.3%	0.0%	3.3%	0.0%	0.0%	0.0%	0.0%	0.4%	0.0%	0.0%	1.6%	0.0%	0.0%	0.0%	0.0%	1.7%	0.0%	0.0%
			+++								+					++		
1920	1	1	0	0	0	0	0	1	0	0	0	0	1	0	0	0	0	0
	0.3%	2.5%	0.0%	0.0%	0.0%	0.0%	0.0%	0.4%	0.0%	0.0%	0.0%	0.0%	1.6%	0.0%	0.0%	0.0%	0.0%	0.0%
													++					
1921	1	1	0	0	0	0	0	1	0	0	1	0	0	0	1	0	0	0
	0.3%	2.5%	0.0%	0.0%	0.0%	0.0%	0.0%	0.4%	0.0%	0.0%	1.6%	0.0%	0.0%	0.0%	1.4%	0.0%	0.0%	0.0%
											+							
1922	3	2	0	0	0	1	1	2	0	0	0	0	2	1	1	0	0	1
	1.0%	5.0%	0.0%	0.0%	0.0%	1.7%	1.9%	0.8%	0.0%	0.0%	0.0%	0.0%	3.3%	2.6%	1.4%	0.0%	0.0%	1.7%
													++					
1923	1	0	0	0	0	0	0	1	0	0	1	0	0	0	1	0	0	0
	0.3%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.4%	0.0%	0.0%	1.6%	0.0%	0.0%	0.0%	1.4%	0.0%	0.0%	0.0%
											+							
1925	1	0	0	0	1	0	0	1	0	0	0	0	0	1	0	0	0	1
	0.3%	0.0%	0.0%	0.0%	1.4%	0.0%	0.0%	0.4%	0.0%	0.0%	0.0%	0.0%	0.0%	2.6%	0.0%	0.0%	0.0%	1.7%
					+									+++				++
1927	1	0	0	1	0	0	0	1	0	0	0	1	0	0	0	0	0	0
	0.3%	0.0%	0.0%	1.9%	0.0%	0.0%	0.0%	0.4%	0.0%	0.0%	0.0%	1.6%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
				++								+						
1928	3	0	1	1	0	0	0	3	0	1	0	0	2	0	0	0	1	1
	1.0%	0.0%	3.3%	1.9%	0.0%	0.0%	0.0%	1.2%	0.0%	2.1%	0.0%	0.0%	3.3%	0.0%	0.0%	0.0%	3.0%	1.7%
													++					

(continued)

BREC End-Use and Energy Efficiency Survey (December 2007)

Table 28: In what year were you born?

(continued)

All MCRECC respondents

	Total	Income					Overall Satisfaction		Age of home						Primary heating source			
		< \$15K	\$15K- \$25K	\$25K- \$40K	\$40- \$75K	> \$75K	Less than satis.	Satis.	<5 yrs	5-10	11-20	21-30	31-50	50+ yrs	Elec. furn.	HP/ geoth.	NG furn.	Prop. furn.
Unweighted Base	300	40	30	54	72	60	53	247	23	47	64	64	61	38	70	59	33	60
Base	300	40	30	54	72	60	53	247	23	47	64	64	61	38	70	59	33	60
1929	4 1.3%	1 2.5%	1 3.3%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	4 1.6%	0 0.0%	0 0.0%	2 3.1%	0 0.0%	0 0.0%	2 5.3%	0 0.0%	0 0.0%	1 3.0%	0 0.0%
														++				
1930	3 1.0%	1 2.5%	2 6.7%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	3 1.2%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	1 1.6%	2 5.3%	0 0.0%	1 1.7%	1 3.0%	0 0.0%
			+++											+++				
1931	2 0.7%	1 2.5%	0 0.0%	0 0.0%	1 1.4%	0 0.0%	0 0.0%	2 0.8%	0 0.0%	0 0.0%	0 0.0%	1 1.6%	1 1.6%	0 0.0%	0 0.0%	1 1.7%	0 0.0%	0 0.0%
1932	3 1.0%	0 0.0%	0 0.0%	1 1.9%	0 0.0%	0 0.0%	0 0.0%	3 1.2%	1 4.3%	0 0.0%	0 0.0%	0 0.0%	1 1.6%	1 2.6%	0 0.0%	0 0.0%	2 6.1%	1 1.7%
																	+++	
1933	5 1.7%	3 7.5%	2 6.7%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	5 2.0%	0 0.0%	1 2.1%	0 0.0%	0 0.0%	2 3.3%	2 5.3%	1 1.4%	0 0.0%	1 3.0%	2 3.3%
		+++	++											+				
1934	4 1.3%	1 2.5%	0 0.0%	2 3.7%	0 0.0%	1 1.7%	0 0.0%	4 1.6%	0 0.0%	2 4.3%	1 1.6%	0 0.0%	1 1.6%	0 0.0%	2 2.9%	0 0.0%	0 0.0%	1 1.7%
				+							+							
1935	9 3.0%	2 5.0%	2 6.7%	1 1.9%	1 1.4%	0 0.0%	0 0.0%	9 3.6%	0 0.0%	0 0.0%	0 0.0%	2 3.1%	5 8.2%	2 5.3%	0 0.0%	1 1.7%	2 6.1%	1 1.7%
													+++					
1936	3 1.0%	1 2.5%	0 0.0%	0 0.0%	1 1.4%	0 0.0%	0 0.0%	3 1.2%	0 0.0%	0 0.0%	2 3.1%	1 1.6%	0 0.0%	0 0.0%	2 2.9%	1 1.7%	0 0.0%	0 0.0%
											+				+			
1937	3 1.0%	0 0.0%	1 3.3%	0 0.0%	2 2.8%	0 0.0%	0 0.0%	3 1.2%	0 0.0%	1 2.1%	0 0.0%	1 1.6%	1 1.6%	0 0.0%	2 2.9%	0 0.0%	0 0.0%	1 1.7%
					+										+			

(continued)

BREC End-Use and Energy Efficiency Survey (December 2007)

Table 28: In what year were you born?

(continued)

All MCRECC respondents

	Income					Overall Satisfaction		Age of home					Primary heating source					
	Total	< \$15K	\$15K- \$25K	\$25K- \$40K	\$40- \$75K	> \$75K	Less than satis.	Satis.	<5 yrs	5-10	11-20	21-30	31-50	50+ yrs	Elec. furn.	HP/ geoth.	NG furn.	Prop. furn.
Unweighted Base	300	40	30	54	72	60	53	247	23	47	64	64	61	38	70	59	33	60
Base	300	40	30	54	72	60	53	247	23	47	64	64	61	38	70	59	33	60
1938	4 1.3%	1 2.5%	0 0.0%	1 1.9%	1 1.4%	0 0.0%	0 0.0%	4 1.6%	0 0.0%	1 2.1%	0 0.0%	2 3.1%	0 0.0%	1 2.6%	1 1.4%	1 1.7%	1 3.0%	0 0.0%
1939	5 1.7%	0 0.0%	2 6.7%	1 1.9%	0 0.0%	2 3.3%	1 1.9%	4 1.6%	0 0.0%	1 2.1%	0 0.0%	3 4.7%	0 0.0%	1 2.6%	0 0.0%	2 3.4%	1 3.0%	0 0.0%
1940	13 4.3%	3 7.5%	0 0.0%	3 5.6%	3 4.2%	2 3.3%	2 3.8%	11 4.5%	0 0.0%	5 10.6%	2 3.1%	1 1.6%	2 3.3%	3 7.9%	5 7.1%	1 1.7%	1 3.0%	3 5.0%
1941	9 3.0%	0 0.0%	1 3.3%	2 3.7%	2 2.8%	2 3.3%	1 1.9%	8 3.2%	2 8.7%	2 4.3%	0 0.0%	1 1.6%	4 6.6%	0 0.0%	0 0.0%	3 5.1%	0 0.0%	3 5.0%
1942	6 2.0%	1 2.5%	1 3.3%	2 3.7%	2 2.8%	0 0.0%	3 5.7%	3 1.2%	0 0.0%	0 0.0%	0 0.0%	2 3.1%	4 6.6%	0 0.0%	2 2.9%	1 1.7%	0 0.0%	0 0.0%
<u>55-64</u>	75 25.0%	7 17.5%	9 30.0%	15 27.8%	23 31.9%	9 15.0%	9 17.0%	66 26.7%	5 21.7%	6 12.8%	14 21.9%	19 29.7%	20 32.8%	10 26.3%	9 12.9%	15 25.4%	8 24.2%	23 38.3%
1943	5 1.7%	2 5.0%	0 0.0%	1 1.9%	1 1.4%	1 1.7%	0 0.0%	5 2.0%	0 0.0%	0 0.0%	2 3.1%	3 4.7%	0 0.0%	0 0.0%	0 0.0%	2 3.4%	0 0.0%	2 3.3%
1944	7 2.3%	2 5.0%	0 0.0%	2 3.7%	1 1.4%	2 3.3%	1 1.9%	6 2.4%	0 0.0%	2 4.3%	0 0.0%	0 0.0%	5 8.2%	0 0.0%	1 1.4%	2 3.4%	0 0.0%	2 3.3%

(continued)

BREC End-Use and Energy Efficiency Survey (December 2007)

Table 28: In what year were you born?

(continued)

All MCRECC respondents

	Income					Overall Satisfaction		Age of home						Primary heating source				
	Total	< \$15K	\$15K-\$25K	\$25K-\$40K	\$40-\$75K	> \$75K	Less than satis.	Satis.	<5 yrs	5-10	11-20	21-30	31-50	50+ yrs	Elec. furn.	HP/ geoth.	NG furn.	Prop. furn.
Unweighted Base	300	40	30	54	72	60	53	247	23	47	64	64	61	38	70	59	33	60
Base	300	40	30	54	72	60	53	247	23	47	64	64	61	38	70	59	33	60
1945	10 3.3%	1 2.5%	2 6.7%	3 5.6%	2 2.8%	0 0.0%	1 1.9%	9 3.6%	1 4.3%	1 2.1%	1 1.6%	1 1.6%	3 4.9%	2 5.3%	1 1.4%	1 1.7%	1 3.0%	5 8.3% ++
1946	10 3.3%	0 0.0%	2 6.7%	2 3.7%	4 5.6%	2 3.3%	1 1.9%	9 3.6%	1 4.3%	1 2.1%	2 3.1%	4 6.3%	1 1.6%	1 2.6%	1 1.4%	3 5.1%	1 3.0%	3 5.0%
1947	7 2.3%	0 0.0%	3 10.0% +++	0 0.0%	2 2.8%	1 1.7%	2 3.8%	5 2.0%	0 0.0%	0 0.0%	1 1.6%	2 3.1%	2 3.3%	2 5.3%	0 0.0%	0 0.0%	1 3.0%	3 5.0%
1948	7 2.3%	1 2.5%	0 0.0%	2 3.7%	3 4.2%	0 0.0%	0 0.0%	7 2.8%	2 8.7%	0 0.0%	3 4.7%	1 1.6%	1 1.6%	0 0.0%	2 2.9%	2 3.4%	0 0.0%	1 1.7%
1949	7 2.3%	0 0.0%	1 3.3%	0 0.0%	2 2.8%	2 3.3%	2 3.8%	5 2.0%	0 0.0%	0 0.0%	2 3.1%	1 1.6%	1 1.6%	3 7.9% ++	2 2.9%	1 1.7%	1 3.0%	1 1.7%
1950	6 2.0%	0 0.0%	0 0.0%	0 0.0%	3 4.2%	0 0.0%	2 3.8%	4 1.6%	1 4.3%	0 0.0%	0 0.0%	2 3.1%	3 4.9% +	0 0.0%	0 0.0%	2 3.4%	1 3.0%	1 1.7%
1951	11 3.7%	1 2.5%	1 3.3%	3 5.6%	3 4.2%	1 1.7%	0 0.0%	11 4.5%	0 0.0%	2 4.3%	1 1.6%	3 4.7%	4 6.6%	1 2.6%	2 2.9%	2 3.4%	1 3.0%	3 5.0%
1952	5 1.7%	0 0.0%	0 0.0%	2 3.7%	2 2.8%	0 0.0%	0 0.0%	5 2.0%	0 0.0%	0 0.0%	2 3.1%	2 3.1%	0 0.0%	1 2.6%	0 0.0%	0 0.0%	2 6.1% ++	2 3.3%

(continued)

BREC End-Use and Energy Efficiency Survey (December 2007)

Table 28: In what year were you born?

(continued)

All MCRECC respondents

	Income						Overall Satisfaction		Age of home						Primary heating source			
	Total	< \$15K	\$15K- \$25K	\$25K- \$40K	\$40- \$75K	> \$75K	Less than satis.	Satis.	<5 yrs	5-10	11-20	21-30	31-50	50+ yrs	Elec. furn.	HP/ geoth.	NG furn.	Prop. furn.
Unweighted Base	300	40	30	54	72	60	53	247	23	47	64	64	61	38	70	59	33	60
Base	300	40	30	54	72	60	53	247	23	47	64	64	61	38	70	59	33	60
45-54	67	7	5	9	12	26	13	54	1	13	18	19	8	7	24	13	6	12
	22.3%	17.5%	16.7%	16.7%	16.7%	43.3%	24.5%	21.9%	4.3%	27.7%	28.1%	29.7%	13.1%	18.4%	34.3%	22.0%	18.2%	20.0%
						+++							-		+++			
1953	8	0	2	0	1	4	0	8	0	1	3	2	0	2	3	1	1	0
	2.7%	0.0%	6.7%	0.0%	1.4%	6.7%	0.0%	3.2%	0.0%	2.1%	4.7%	3.1%	0.0%	5.3%	4.3%	1.7%	3.0%	0.0%
						++												
1954	7	1	0	0	0	3	2	5	0	1	0	4	2	0	4	0	0	1
	2.3%	2.5%	0.0%	0.0%	0.0%	5.0%	3.8%	2.0%	0.0%	2.1%	0.0%	6.3%	3.3%	0.0%	5.7%	0.0%	0.0%	1.7%
												++			++			
1955	9	1	0	2	3	3	2	7	0	4	1	2	2	0	4	2	0	2
	3.0%	2.5%	0.0%	3.7%	4.2%	5.0%	3.8%	2.8%	0.0%	8.5%	1.6%	3.1%	3.3%	0.0%	5.7%	3.4%	0.0%	3.3%
										++								
1956	5	1	0	2	2	0	1	4	0	1	1	1	0	2	3	0	0	1
	1.7%	2.5%	0.0%	3.7%	2.8%	0.0%	1.9%	1.6%	0.0%	2.1%	1.6%	1.6%	0.0%	5.3%	4.3%	0.0%	0.0%	1.7%
														+	+			
1957	7	1	0	0	1	4	2	5	0	2	3	1	1	0	1	4	1	1
	2.3%	2.5%	0.0%	0.0%	1.4%	6.7%	3.8%	2.0%	0.0%	4.3%	4.7%	1.6%	1.6%	0.0%	1.4%	6.8%	3.0%	1.7%
						++										++		
1958	6	0	0	1	2	3	1	5	0	2	1	2	0	1	3	0	1	2
	2.0%	0.0%	0.0%	1.9%	2.8%	5.0%	1.9%	2.0%	0.0%	4.3%	1.6%	3.1%	0.0%	2.6%	4.3%	0.0%	3.0%	3.3%
						+												
1959	7	1	0	1	0	4	1	6	0	0	3	2	1	1	1	3	1	1
	2.3%	2.5%	0.0%	1.9%	0.0%	6.7%	1.9%	2.4%	0.0%	0.0%	4.7%	3.1%	1.6%	2.6%	1.4%	5.1%	3.0%	1.7%
						++												

(continued)

BREC End-Use and Energy Efficiency Survey (December 2007)

Table 28: In what year were you born?

(continued)

All MCRECC respondents

	Total	Income					Overall Satisfaction		Age of home						Primary heating source			
		< \$15K	\$15K-\$25K	\$25K-\$40K	\$40-\$75K	> \$75K	Less than satis.	Satis.	<5 yrs	5-10	11-20	21-30	31-50	50+ yrs	Elec. furn.	HP/ geoth.	NG furn.	Prop. furn.
Unweighted Base	300	40	30	54	72	60	53	247	23	47	64	64	61	38	70	59	33	60
Base	300	40	30	54	72	60	53	247	23	47	64	64	61	38	70	59	33	60
1960	5 1.7%	0 0.0%	1 3.3%	1 1.9%	2 2.8%	0 0.0%	2 3.8%	3 1.2%	1 4.3%	0 0.0%	2 3.1%	1 1.6%	0 0.0%	0 0.0%	2 2.9%	2 3.4%	1 3.0%	0 0.0%
1961	7 2.3%	0 0.0%	1 3.3%	2 3.7%	1 1.4%	3 5.0%	1 1.9%	6 2.4%	0 0.0%	2 4.3%	3 4.7%	1 1.6%	0 0.0%	1 2.6%	1 1.4%	1 1.7%	0 0.0%	3 5.0%
1962	6 2.0%	2 5.0%	1 3.3%	0 0.0%	0 0.0%	2 3.3%	1 1.9%	5 2.0%	0 0.0%	0 0.0%	1 1.6%	3 4.7%	2 3.3%	0 0.0%	2 2.9%	0 0.0%	1 3.0%	1 1.7%
35-44	41 13.7%	3 7.5%	2 6.7%	8 14.8%	16 22.2%	9 15.0%	11 20.8%	30 12.1%	7 30.4%	5 10.6%	13 20.3%	7 10.9%	4 6.6%	4 10.5%	5 7.1%	11 18.6%	5 15.2%	8 13.3%
1963	7 2.3%	1 2.5%	0 0.0%	0 0.0%	5 6.9%	1 1.7%	2 3.8%	5 2.0%	2 8.7%	1 2.1%	3 4.7%	0 0.0%	1 1.6%	0 0.0%	2 2.9%	1 1.7%	1 3.0%	1 1.7%
1964	10 3.3%	1 2.5%	0 0.0%	0 0.0%	4 5.6%	5 8.3%	1 1.9%	9 3.6%	2 8.7%	2 4.3%	3 4.7%	1 1.6%	0 0.0%	2 5.3%	1 1.4%	4 6.8%	0 0.0%	2 3.3%
1965	6 2.0%	1 2.5%	0 0.0%	1 1.9%	2 2.8%	1 1.7%	4 7.5%	2 0.8%	1 4.3%	1 2.1%	1 1.6%	2 3.1%	1 1.6%	0 0.0%	1 1.4%	2 3.4%	0 0.0%	2 3.3%
1966	4 1.3%	0 0.0%	1 3.3%	2 3.7%	1 1.4%	0 0.0%	1 1.9%	3 1.2%	0 0.0%	0 0.0%	1 1.6%	3 4.7%	0 0.0%	0 0.0%	1 1.4%	0 0.0%	3 9.1%	0 0.0%

(continued)

BREC End-Use and Energy Efficiency Survey (December 2007)

Table 28: In what year were you born?

(continued)

All MCRECC respondents

	Income					Overall Satisfaction		Age of home						Primary heating source				
	Total	< \$15K	\$15K- \$25K	\$25K- \$40K	\$40- \$75K	> \$75K	Less than satis.	Satis.	<5 yrs	5-10	11-20	21-30	31-50	50+ yrs	Elec. furn.	HP/ geoth.	NG furn.	Prop. furn.
Unweighted Base	300	40	30	54	72	60	53	247	23	47	64	64	61	38	70	59	33	60
Base	300	40	30	54	72	60	53	247	23	47	64	64	61	38	70	59	33	60
1967	5 1.7%	0 0.0%	0 0.0%	2 3.7%	1 1.4%	1 1.7%	1 1.9%	4 1.6%	2 8.7%	0 0.0%	1 1.6%	0 0.0%	1 1.6%	1 2.6%	0 0.0%	2 3.4%	1 3.0%	1 1.7%
1968	3 1.0%	0 0.0%	1 3.3%	0 0.0%	1 1.4%	0 0.0%	1 1.9%	2 0.8%	0 0.0%	1 2.1%	2 3.1%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	1 1.7%	0 0.0%	0 0.0%
1969	2 0.7%	0 0.0%	0 0.0%	1 1.9%	1 1.4%	0 0.0%	0 0.0%	2 0.8%	0 0.0%	0 0.0%	1 1.6%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	1 1.7%
1970	1 0.3%	0 0.0%	0 0.0%	1 1.9%	0 0.0%	0 0.0%	0 0.0%	1 0.4%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	1 2.6%	0 0.0%	0 0.0%	0 0.0%	0 0.0%
1971	2 0.7%	0 0.0%	0 0.0%	1 1.9%	0 0.0%	1 1.7%	0 0.0%	2 0.8%	0 0.0%	0 0.0%	1 1.6%	1 1.6%	0 0.0%	0 0.0%	0 0.0%	1 1.7%	0 0.0%	1 1.7%
1972	1 0.3%	0 0.0%	0 0.0%	0 0.0%	1 1.4%	0 0.0%	1 1.9%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	1 1.6%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%
25-34	24 8.0%	4 10.0%	0 0.0%	6 11.1%	6 8.3%	7 11.7%	10 18.9%	14 5.7%	6 26.1%	7 14.9%	7 10.9%	2 3.1%	1 1.6%	1 2.6%	10 14.3%	5 8.5%	3 9.1%	1 1.7%
1973	6 2.0%	1 2.5%	0 0.0%	1 1.9%	1 1.4%	2 3.3%	3 5.7%	3 1.2%	0 0.0%	0 0.0%	4 6.3%	0 0.0%	1 1.6%	1 2.6%	3 4.3%	2 3.4%	0 0.0%	0 0.0%

(continued)

BREC End-Use and Energy Efficiency Survey (December 2007)

Table 28: In what year were you born?

(continued)

All MCRECC respondents

	Income					Overall Satisfaction		Age of home						Primary heating source				
	Total	< \$15K	\$15K- \$25K	\$25K- \$40K	\$40- \$75K	> \$75K	Less than satis.	Satis.	<5 yrs	5-10	11-20	21-30	31-50	50+ yrs	Elec. furn.	HP/ geoth.	NG furn.	Prop. furn.
Unweighted Base	300	40	30	54	72	60	53	247	23	47	64	64	61	38	70	59	33	60
Base	300	40	30	54	72	60	53	247	23	47	64	64	61	38	70	59	33	60
1974	3 1.0%	0 0.0%	0 0.0%	1 1.9%	1 1.4%	1 1.7%	2 3.8% ++	1 0.4% --	0 0.0%	1 2.1%	2 3.1% +	0 0.0%	0 0.0%	0 0.0%	2 2.9% +	0 0.0%	0 0.0%	0 0.0%
1975	1 0.3%	1 2.5% ++	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	1 0.4%	0 0.0%	1 2.1% ++	0 0.0%	0 0.0%	0 0.0%	0 0.0%	1 1.4% +	0 0.0%	0 0.0%	0 0.0%
1977	2 0.7%	0 0.0%	0 0.0%	0 0.0%	1 1.4%	1 1.7%	0 0.0%	2 0.8%	1 4.3%	1 2.1%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	1 1.4%	0 0.0%	0 0.0%	0 0.0%
1978	3 1.0%	0 0.0%	0 0.0%	1 1.9%	1 1.4%	1 1.7%	1 1.9%	2 0.8%	0 0.0%	2 4.3% ++	0 0.0%	1 1.6%	0 0.0%	0 0.0%	1 1.4%	0 0.0%	1 3.0%	1 1.7%
1979	2 0.7%	1 2.5%	0 0.0%	0 0.0%	1 1.4%	0 0.0%	2 3.8% +++	0 0.0%	1 4.3%	1 2.1%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	1 1.7%	0 0.0%	0 0.0%
1980	1 0.3%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	1 1.7% ++	0 0.0%	1 0.4%	1 4.3%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	1 1.7% ++	0 0.0%	0 0.0%
1981	2 0.7%	1 2.5%	0 0.0%	0 0.0%	1 1.4%	0 0.0%	0 0.0%	2 0.8%	0 0.0%	1 2.1%	1 1.6%	0 0.0%	0 0.0%	0 0.0%	1 1.4%	0 0.0%	0 0.0%	0 0.0%
1982	4 1.3%	0 0.0%	0 0.0%	3 5.6% +++	0 0.0%	1 1.7%	2 3.8% +	2 0.8% -	3 13.0%	0 0.0%	0 0.0%	1 1.6%	0 0.0%	0 0.0%	1 1.4%	1 1.7%	2 6.1% ++	0 0.0%

(continued)

BREC End-Use and Energy Efficiency Survey (December 2007)

Table 28: In what year were you born?

(continued)

All MCRECC respondents

	Income					Overall Satisfaction		Age of home						Primary heating source				
	Total	< \$15K	\$15K- \$25K	\$25K- \$40K	\$40- \$75K	> \$75K	Less than satis.	Satis.	<5 yrs	5-10	11-20	21-30	31-50	50+ yrs	Elec. furn.	HP/ geoth.	NG furn.	Prop. furn.
Unweighted Base	300	40	30	54	72	60	53	247	23	47	64	64	61	38	70	59	33	60
Base	300	40	30	54	72	60	53	247	23	47	64	64	61	38	70	59	33	60
18-24	2	0	0	1	1	0	1	1	0	0	2	0	0	0	2	0	0	0
	0.7%	0.0%	0.0%	1.9%	1.4%	0.0%	1.9%	0.4%	0.0%	0.0%	3.1%	0.0%	0.0%	0.0%	2.9%	0.0%	0.0%	0.0%
											+++				++			
1983	1	0	0	0	1	0	1	0	0	0	1	0	0	0	1	0	0	0
	0.3%	0.0%	0.0%	0.0%	1.4%	0.0%	1.9%	0.0%	0.0%	0.0%	1.6%	0.0%	0.0%	0.0%	1.4%	0.0%	0.0%	0.0%
					+		++				+			+				
1988	1	0	0	1	0	0	0	1	0	0	1	0	0	0	1	0	0	0
	0.3%	0.0%	0.0%	1.9%	0.0%	0.0%	0.0%	0.4%	0.0%	0.0%	1.6%	0.0%	0.0%	0.0%	1.4%	0.0%	0.0%	0.0%
					++						+			+				
Refused	6	0	0	0	0	1	1	5	1	2	0	2	1	0	2	2	0	1
	2.0%	0.0%	0.0%	0.0%	0.0%	1.7%	1.9%	2.0%	4.3%	4.3%	0.0%	3.1%	1.6%	0.0%	2.9%	3.4%	0.0%	1.7%
Refused	6	0	0	0	0	1	1	5	1	2	0	2	1	0	2	2	0	1
	2.0%	0.0%	0.0%	0.0%	0.0%	1.7%	1.9%	2.0%	4.3%	4.3%	0.0%	3.1%	1.6%	0.0%	2.9%	3.4%	0.0%	1.7%
Chi Square				267.20			74.95				382.53					180.98		
				.244			.144				p<.01					.649		

BREC End-Use and Energy Efficiency Survey (December 2007)

Table 29: How many people live in your household most of the year?

All MCRECC respondents

	Total	Gender		Financial burden of the electric bill			Number of people in the home					Length of time served by co-op				
		Male	Female	Not too much	Some	Quite a bit	1	2	3	4	5+	<5 yrs.	5-10	11-15	16-25	>25 yrs.
Unweighted Base	300	162	138	151	112	36	48	148	49	38	17	35	53	22	57	133
Base	300	162	138	151	112	36	48	148	49	38	17	35	53	22	57	133
1	48	21	27	27	17	4	48	0	0	0	0	1	8	4	6	29
	16.0%	13.0%	19.6%	17.9%	15.2%	11.1%	100.0%	0.0%	0.0%	0.0%	0.0%	2.9%	15.1%	18.2%	10.5%	21.8%
							+++					--				++
1	48	21	27	27	17	4	48	0	0	0	0	1	8	4	6	29
	16.0%	13.0%	19.6%	17.9%	15.2%	11.1%	100.0%	0.0%	0.0%	0.0%	0.0%	2.9%	15.1%	18.2%	10.5%	21.8%
							+++					--				++
2	148	81	67	73	57	17	0	148	0	0	0	16	23	11	28	70
	49.3%	50.0%	48.6%	48.3%	50.9%	47.2%	0.0%	100.0%	0.0%	0.0%	0.0%	45.7%	43.4%	50.0%	49.1%	52.6%
							+++									++
2	148	81	67	73	57	17	0	148	0	0	0	16	23	11	28	70
	49.3%	50.0%	48.6%	48.3%	50.9%	47.2%	0.0%	100.0%	0.0%	0.0%	0.0%	45.7%	43.4%	50.0%	49.1%	52.6%
							+++									++
3-5	94	53	41	47	33	14	0	0	49	38	7	17	19	7	22	29
	31.3%	32.7%	29.7%	31.1%	29.5%	38.9%	0.0%	0.0%	100.0%	100.0%	41.2%	48.6%	35.8%	31.8%	38.6%	21.8%
							+++	+++	+++	+++	++					---
3	49	26	23	24	17	8	0	0	49	0	0	9	6	0	9	25
	16.3%	16.0%	16.7%	15.9%	15.2%	22.2%	0.0%	0.0%	100.0%	0.0%	0.0%	25.7%	11.3%	0.0%	15.8%	18.8%
							+++	+++	+++	+++	++					---
4	38	24	14	19	13	6	0	0	0	38	0	7	11	4	13	3
	12.7%	14.8%	10.1%	12.6%	11.6%	16.7%	0.0%	0.0%	0.0%	100.0%	0.0%	20.0%	20.8%	18.2%	22.8%	2.3%
							+++	+++	+++	+++	+				++	---
5	7	3	4	4	3	0	0	0	0	0	7	1	2	3	0	1
	2.3%	1.9%	2.9%	2.6%	2.7%	0.0%	0.0%	0.0%	0.0%	0.0%	41.2%	2.9%	3.8%	13.6%	0.0%	0.8%

(continued)

BREC End-Use and Energy Efficiency Survey (December 2007)

Table 29: How many people live in your household most of the year?

(continued)

All MCRECC respondents

	Gender		Financial burden of the electric bill			Number of people in the home					Length of time served by co-op					
	Total	Male	Female	Not too much	Some	Quite a bit	1	2	3	4	5+	<5 yrs.	5-10	11-15	16-25	>25 yrs.
Unweighted Base	300	162	138	151	112	36	48	148	49	38	17	35	53	22	57	133
Base	300	162	138	151	112	36	48	148	49	38	17	35	53	22	57	133
6-10	9	7	2	4	4	1	0	0	0	0	9	0	3	0	1	5
	3.0%	4.3%	1.4%	2.6%	3.6%	2.8%	0.0%	0.0%	0.0%	0.0%	52.9%	0.0%	5.7%	0.0%	1.8%	3.8%
6	5	5	0	2	3	0	0	0	0	0	5	0	1	0	1	3
	1.7%	3.1%	0.0%	1.3%	2.7%	0.0%	0.0%	0.0%	0.0%	0.0%	29.4%	0.0%	1.9%	0.0%	1.8%	2.3%
		++														
7	3	2	1	2	1	0	0	0	0	0	3	0	2	0	0	1
	1.0%	1.2%	0.7%	1.3%	0.9%	0.0%	0.0%	0.0%	0.0%	0.0%	17.6%	0.0%	3.8%	0.0%	0.0%	0.8%
													++			
9	1	0	1	0	0	1	0	0	0	0	1	0	0	0	0	1
	0.3%	0.0%	0.7%	0.0%	0.0%	2.8%	0.0%	0.0%	0.0%	0.0%	5.9%	0.0%	0.0%	0.0%	0.0%	0.8%
						+++										
More than 10	1	0	1	0	1	0	0	0	0	0	1	1	0	0	0	0
	0.3%	0.0%	0.7%	0.0%	0.9%	0.0%	0.0%	0.0%	0.0%	0.0%	5.9%	2.9%	0.0%	0.0%	0.0%	0.0%
												+++				
12	1	0	1	0	1	0	0	0	0	0	1	1	0	0	0	0
	0.3%	0.0%	0.7%	0.0%	0.9%	0.0%	0.0%	0.0%	0.0%	0.0%	5.9%	2.9%	0.0%	0.0%	0.0%	0.0%
												+++				
Chi Square		10.51		14.31			1000+					66.75				
		.231		.576			.001					.001				

(continued)

BREC End-Use and Energy Efficiency Survey (December 2007)

Table 29: How many people live in your household most of the year?

All MCRECC respondents

	Total	Age					Type of home				Education				
		18-34	35-44	45-54	55-64	65+	Single-story	Multi-story	Mobile	Other	<HS grad	HS grad	Some college	College grad	Post college
Unweighted Base	300	26	41	67	75	85	158	67	49	26	52	144	60	25	16
Base	300	26	41	67	75	85	158	67	49	26	52	144	60	25	16
<u>1</u>	48	2	5	5	12	22	21	6	13	8	9	20	14	3	1
	16.0%	7.7%	12.2%	7.5%	16.0%	25.9%	13.3%	9.0%	26.5%	30.8%	17.3%	13.9%	23.3%	12.0%	6.3%
						+++		-	++				+		
1	48	2	5	5	12	22	21	6	13	8	9	20	14	3	1
	16.0%	7.7%	12.2%	7.5%	16.0%	25.9%	13.3%	9.0%	26.5%	30.8%	17.3%	13.9%	23.3%	12.0%	6.3%
						+++		-	++				+		
<u>2</u>	148	5	5	36	47	52	85	31	19	13	28	69	26	14	10
	49.3%	19.2%	12.2%	53.7%	62.7%	61.2%	53.8%	46.3%	38.8%	50.0%	53.8%	47.9%	43.3%	56.0%	62.5%
					+++	++									
2	148	5	5	36	47	52	85	31	19	13	28	69	26	14	10
	49.3%	19.2%	12.2%	53.7%	62.7%	61.2%	53.8%	46.3%	38.8%	50.0%	53.8%	47.9%	43.3%	56.0%	62.5%
					+++	++									
<u>3-5</u>	94	17	27	26	15	9	50	25	14	5	13	51	18	8	4
	31.3%	65.4%	65.9%	38.8%	20.0%	10.6%	31.6%	37.3%	28.6%	19.2%	25.0%	35.4%	30.0%	32.0%	25.0%
			+++		-	-									
3	49	6	12	10	13	8	27	9	9	4	8	31	8	2	0
	16.3%	23.1%	29.3%	14.9%	17.3%	9.4%	17.1%	13.4%	18.4%	15.4%	15.4%	21.5%	13.3%	8.0%	0.0%
			++									++			
4	38	8	14	13	2	1	20	13	4	1	3	18	9	6	2
	12.7%	30.8%	34.1%	19.4%	2.7%	1.2%	12.7%	19.4%	8.2%	3.8%	5.8%	12.5%	15.0%	24.0%	12.5%
			+++	+	---	---		+							
5	7	3	1	3	0	0	3	3	1	0	2	2	1	0	2
	2.3%	11.5%	2.4%	4.5%	0.0%	0.0%	1.9%	4.5%	2.0%	0.0%	3.8%	1.4%	1.7%	0.0%	12.5%
<u>6-10</u>	9	2	3	0	1	2	2	5	2	0	1	4	2	0	1
	3.0%	7.7%	7.3%	0.0%	1.3%	2.4%	1.3%	7.5%	4.1%	0.0%	1.9%	2.8%	3.3%	0.0%	6.3%
			+					-	++						
6	5	0	3	0	0	2	1	3	1	0	0	2	2	0	1
	1.7%	0.0%	7.3%	0.0%	0.0%	2.4%	0.6%	4.5%	2.0%	0.0%	0.0%	1.4%	3.3%	0.0%	6.3%
			+++					++							

(continued)

BREC End-Use and Energy Efficiency Survey (December 2007)

Table 29: How many people live in your household most of the year?

(continued)

All MCRECC respondents

	Age						Type of home				Education				
	Total	18-34	35-44	45-54	55-64	65+	Single-story	Multi-story	Mobile	Other	<HS grad	HS grad	Some college	College grad	Post college
Unweighted Base	300	26	41	67	75	85	158	67	49	26	52	144	60	25	16
Base	300	26	41	67	75	85	158	67	49	26	52	144	60	25	16
7	3 1.0%	2 7.7%	0 0.0%	0 0.0%	1 1.3%	0 0.0%	0 0.0%	2 3.0%	1 2.0%	0 0.0%	1 1.9%	2 1.4%	0 0.0%	0 0.0%	0 0.0%
9	1 0.3%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	1 0.6%	0 0.0%							
More than 10	1 0.3%	0 0.0%	1 2.4%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	1 2.0%	0 0.0%	1 1.9%	0 0.0%	0 0.0%	0 0.0%	0 0.0%
12	1 0.3%	0 0.0%	1 2.4%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	1 2.0%	0 0.0%	1 1.9%	0 0.0%	0 0.0%	0 0.0%	0 0.0%
			++						++		++				
Chi Square				121.41 .001				34.71 .073				35.69 .299			

(continued)

BREC End-Use and Energy Efficiency Survey (December 2007)

Table 29: How many people live in your household most of the year?

All MCRECC respondents

	Total	Income					Overall Satisfaction		Age of home						Primary heating source			
		< \$15K	\$15K- \$25K	\$25K- \$40K	\$40- \$75K	> \$75K	Less than satis.	Satis.	<5 yrs	5-10	11-20	21-30	31-50	50+ yrs	Elec. furn.	HP/ geoth.	NG furn.	Prop. furn.
Unweighted Base	300	40	30	54	72	60	53	247	23	47	64	64	61	38	70	59	33	60
Base	300	40	30	54	72	60	53	247	23	47	64	64	61	38	70	59	33	60
<u>1</u>	48	19	7	6	6	2	8	40	2	4	11	11	12	8	10	3	10	11
	16.0%	47.5%	23.3%	11.1%	8.3%	3.3%	15.1%	16.2%	8.7%	8.5%	17.2%	17.2%	19.7%	21.1%	14.3%	5.1%	30.3%	18.3%
		+++			--	---										--	++	
1	48	19	7	6	6	2	8	40	2	4	11	11	12	8	10	3	10	11
	16.0%	47.5%	23.3%	11.1%	8.3%	3.3%	15.1%	16.2%	8.7%	8.5%	17.2%	17.2%	19.7%	21.1%	14.3%	5.1%	30.3%	18.3%
		+++			--	---										--	++	
<u>2</u>	148	16	16	26	38	26	20	128	7	26	28	37	33	16	35	34	11	30
	49.3%	40.0%	53.3%	48.1%	52.8%	43.3%	37.7%	51.8%	30.4%	55.3%	43.8%	57.8%	54.1%	42.1%	50.0%	57.6%	33.3%	50.0%
							-	+										-
2	148	16	16	26	38	26	20	128	7	26	28	37	33	16	35	34	11	30
	49.3%	40.0%	53.3%	48.1%	52.8%	43.3%	37.7%	51.8%	30.4%	55.3%	43.8%	57.8%	54.1%	42.1%	50.0%	57.6%	33.3%	50.0%
							-	+										-
<u>3-5</u>	94	4	6	20	24	31	24	70	13	15	23	16	13	13	24	19	11	19
	31.3%	10.0%	20.0%	37.0%	33.3%	51.7%	45.3%	28.3%	56.5%	31.9%	35.9%	25.0%	21.3%	34.2%	34.3%	32.2%	33.3%	31.7%
		---				+++	++	--										
3	49	3	4	13	13	9	11	38	5	5	12	10	8	9	10	8	6	11
	16.3%	7.5%	13.3%	24.1%	18.1%	15.0%	20.8%	15.4%	21.7%	10.6%	18.8%	15.6%	13.1%	23.7%	14.3%	13.6%	18.2%	18.3%
				+														
4	38	0	2	6	10	18	11	27	8	7	8	5	5	4	13	8	5	7
	12.7%	0.0%	6.7%	11.1%	13.9%	30.0%	20.8%	10.9%	34.8%	14.9%	12.5%	7.8%	8.2%	10.5%	18.6%	13.6%	15.2%	11.7%
						+++	+	-							+			
5	7	1	0	1	1	4	2	5	0	3	3	1	0	0	1	3	0	1
	2.3%	2.5%	0.0%	1.9%	1.4%	6.7%	3.8%	2.0%	0.0%	6.4%	4.7%	1.6%	0.0%	0.0%	1.4%	5.1%	0.0%	1.7%
						++				++								

(continued)

BREC End-Use and Energy Efficiency Survey (December 2007)

Table 29: How many people live in your household most of the year?

(continued)

All MCRECC respondents

	Income					Overall Satisfaction		Age of home					Primary heating source					
	Total	< \$15K	\$15K-\$25K	\$25K-\$40K	\$40-\$75K	> \$75K	Less than satis.	Satis.	<5 yrs	5-10	11-20	21-30	31-50	50+ yrs	Elec. furn.	HP/ geoth.	NG furn.	Prop. furn.
Unweighted Base	300	40	30	54	72	60	53	247	23	47	64	64	61	38	70	59	33	60
Base	300	40	30	54	72	60	53	247	23	47	64	64	61	38	70	59	33	60
6-10	9	1	1	1	4	1	1	8	1	2	2	0	3	1	1	3	1	0
	3.0%	2.5%	3.3%	1.9%	5.6%	1.7%	1.9%	3.2%	4.3%	4.3%	3.1%	0.0%	4.9%	2.6%	1.4%	5.1%	3.0%	0.0%
6	5	0	1	1	2	1	0	5	0	2	1	0	1	1	0	2	0	0
	1.7%	0.0%	3.3%	1.9%	2.8%	1.7%	0.0%	2.0%	0.0%	4.3%	1.6%	0.0%	1.6%	2.6%	0.0%	3.4%	0.0%	0.0%
7	3	1	0	0	2	0	1	2	1	0	1	0	1	0	0	1	1	0
	1.0%	2.5%	0.0%	0.0%	2.8%	0.0%	1.9%	0.8%	4.3%	0.0%	1.6%	0.0%	1.6%	0.0%	0.0%	1.7%	3.0%	0.0%
9	1	0	0	0	0	0	0	1	0	0	0	0	1	0	1	0	0	0
	0.3%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.4%	0.0%	0.0%	0.0%	0.0%	1.6%	0.0%	1.4%	0.0%	0.0%	0.0%
More than 10	1	0	0	1	0	0	0	1	0	0	0	0	0	0	0	0	0	0
	0.3%	0.0%	0.0%	1.9%	0.0%	0.0%	0.0%	0.4%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
12	1	0	0	1	0	0	0	1	0	0	0	0	0	0	0	0	0	0
	0.3%	0.0%	0.0%	1.9%	0.0%	0.0%	0.0%	0.4%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
Chi Square				73.45			8.46				41.97					27.68		
				.001			.390				.385					.274		

BREC End-Use and Energy Efficiency Survey (December 2007)

Table 30: Do you own or rent your home?

All MCRECC respondents

	Total	Gender		Financial burden of the electric bill			Number of people in the home					Length of time served by co-op				
		Male	Female	Not too much	Some	Quite a bit	1	2	3	4	5+	<5 yrs.	5-10	11-15	16-25	>25 yrs.
Unweighted Base	300	162	138	151	112	36	48	148	49	38	17	35	53	22	57	133
Base	300	162	138	151	112	36	48	148	49	38	17	35	53	22	57	133
Own	278 92.7%	154 95.1%	124 89.9%	141 93.4%	103 92.0%	33 91.7%	40 83.3%	140 94.6%	48 98.0%	35 92.1%	15 88.2%	28 80.0%	48 90.6%	21 95.5%	56 98.2%	125 94.0%
Rent/housing provided (e.g. parsonage, living in home owned by somewhat else for free)	21 7.0%	8 4.9%	13 9.4%	10 6.6%	9 8.0%	2 5.6%	8 16.7%	8 5.4%	1 2.0%	3 7.9%	1 5.9%	7 20.0%	5 9.4%	1 4.5%	1 1.8%	7 5.3%
Refused	1 0.3%	0 0.0%	1 0.7%	0 0.0%	0 0.0%	1 2.8%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	1 5.9%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	1 0.8%
Chi Square			3.53 .171		7.63 .106				26.08 .001					14.02 .081		

(continued)

BREC End-Use and Energy Efficiency Survey (December 2007)

Table 30: Do you own or rent your home?

All MCRECC respondents

	Total	Age					Type of home				Education				
		18-34	35-44	45-54	55-64	65+	Single-story	Multi-story	Mobile	Other	<HS grad	HS grad	Some college	College grad	Post college
Unweighted Base	300	26	41	67	75	85	158	67	49	26	52	144	60	25	16
Base	300	26	41	67	75	85	158	67	49	26	52	144	60	25	16
Own	278	24	37	63	71	78	153	64	45	16	45	134	58	23	16
	92.7%	92.3%	90.2%	94.0%	94.7%	91.8%	96.8%	95.5%	91.8%	61.5%	86.5%	93.1%	96.7%	92.0%	100.0%
Rent/housing provided (e.g. parsonage, living in home owned by somewhat else for free)	21	2	4	4	4	7	4	3	4	10	7	10	2	2	0
	7.0%	7.7%	9.8%	6.0%	5.3%	8.2%	2.5%	4.5%	8.2%	38.5%	13.5%	6.9%	3.3%	8.0%	0.0%
Refused	1	0	0	0	0	0	1	0	0	0	0	0	0	0	0
	0.3%	0.0%	0.0%	0.0%	0.0%	0.0%	0.6%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
Chi Square				1.10				45.95					5.76		
				.998				.001					.674		

(continued)

BREC End-Use and Energy Efficiency Survey (December 2007)

Table 30: Do you own or rent your home?

All MCRECC respondents

	Total	Income					Overall Satisfaction		Age of home						Primary heating source			
		< \$15K	\$15K-\$25K	\$25K-\$40K	\$40-\$75K	> \$75K	Less than satis.	Satis.	<5 yrs	5-10	11-20	21-30	31-50	50+ yrs	Elec. furn.	HP/ geoth.	NG furn.	Prop. furn.
Unweighted Base	300	40	30	54	72	60	53	247	23	47	64	64	61	38	70	59	33	60
Base	300	40	30	54	72	60	53	247	23	47	64	64	61	38	70	59	33	60
Own	278	26	29	51	70	59	50	228	23	45	57	62	57	34	61	57	29	59
	92.7%	65.0%	96.7%	94.4%	97.2%	98.3%	94.3%	92.3%	100.0%	95.7%	89.1%	96.9%	93.4%	89.5%	87.1%	96.6%	87.9%	98.3%
		---			+	+									--			+
Rent/housing provided (e.g. parsonage, living in home owned by somewhat else for free)	21	14	1	3	2	1	3	18	0	2	7	2	3	4	8	2	4	1
	7.0%	35.0%	3.3%	5.6%	2.8%	1.7%	5.7%	7.3%	0.0%	4.3%	10.9%	3.1%	4.9%	10.5%	11.4%	3.4%	12.1%	1.7%
		+++				-									+			-
Refused	1	0	0	0	0	0	0	1	0	0	0	0	1	0	1	0	0	0
	0.3%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.4%	0.0%	0.0%	0.0%	0.0%	1.6%	0.0%	1.4%	0.0%	0.0%	0.0%
													++		+			
Chi Square				45.81			0.40				10.73						9.75	
				.001			.819				.379						.136	

BREC End-Use and Energy Efficiency Survey (December 2007)

Table 31: I'm going to read a list of broad income categories. Please stop me when I've read the category that includes your family's total annual income before taxes. Is it:

All MCRECC respondents

	Gender		Financial burden of the electric bill			Number of people in the home					Length of time served by co-op					
	Total	Male	Female	Not too much	Some	Quite a bit	1	2	3	4	5+	<5 yrs.	5-10	11-15	16-25	>25 yrs.
Unweighted Base	300	162	138	151	112	36	48	148	49	38	17	35	53	22	57	133
Base	300	162	138	151	112	36	48	148	49	38	17	35	53	22	57	133
Less than \$10,000	17 5.7%	6 3.7%	11 8.0%	10 6.6%	4 3.6%	3 8.3%	11 22.9% +++	6 4.1%	0 0.0%	0 0.0%	0 0.0%	4 11.4%	3 5.7%	1 4.5%	3 5.3%	6 4.5%
\$10-15,000	23 7.7%	8 4.9%	15 10.9%	9 6.0%	9 8.0%	5 13.9%	8 16.7%	10 6.8%	3 6.1%	0 0.0%	2 11.8%	1 2.9%	4 7.5%	0 0.0%	3 5.3%	15 11.3% ++
\$15-25,000	30 10.0%	13 8.0%	17 12.3%	10 6.6%	13 11.6%	7 19.4%	7 14.6%	16 10.8%	4 8.2%	2 5.3%	1 5.9%	4 11.4%	4 7.5%	1 4.5%	6 10.5%	15 11.3%
\$25-40,000	54 18.0%	28 17.3%	26 18.8%	27 17.9%	21 18.8%	6 16.7%	6 12.5%	26 17.6%	13 26.5%	6 15.8%	3 17.6%	6 17.1%	8 15.1%	6 27.3%	13 22.8%	21 15.8%
\$40-75,000	72 24.0%	48 29.6%	24 17.4%	38 25.2%	28 25.0%	6 16.7%	6 12.5%	38 25.7%	13 26.5%	10 26.3%	5 29.4%	8 22.9%	17 32.1%	7 31.8%	11 19.3%	29 21.8%
More than \$75,000	60 20.0%	43 26.5%	17 12.3%	41 27.2%	17 15.2%	2 5.6%	2 4.2%	26 17.6%	9 18.4%	18 47.4%	5 29.4%	8 22.9%	11 20.8%	6 27.3%	15 26.3%	20 15.0%
Refused	44 14.7%	16 9.9%	28 20.3%	16 10.6%	20 17.9%	7 19.4%	8 16.7%	26 17.6%	7 14.3%	2 5.3%	1 5.9%	4 11.4%	6 11.3%	1 4.5%	6 10.5%	27 20.3% ++
Chi Square		24.99 .001			22.15 .036			74.68 .001					23.61 .484			

(continued)

BREC End-Use and Energy Efficiency Survey (December 2007)

Table 31: I'm going to read a list of broad income categories. Please stop me when I've read the category that includes your family's total annual income before taxes. Is it:

All MCRECC respondents

	Age						Type of home				Education				
	Total	18-34	35-44	45-54	55-64	65+	Single-story	Multi-story	Mobile	Other	<HS grad	HS grad	Some college	College grad	Post college
Unweighted Base	300	26	41	67	75	85	158	67	49	26	52	144	60	25	16
Base	300	26	41	67	75	85	158	67	49	26	52	144	60	25	16
Less than \$10,000	17 5.7%	1 3.8%	2 4.9%	3 4.5%	4 5.3%	7 8.2%	3 1.9%	0 0.0%	8 16.3%	6 23.1%	7 13.5%	7 4.9%	2 3.3%	1 4.0%	0 0.0%
\$10-15,000	23 7.7%	3 11.5%	1 2.4%	4 6.0%	3 4.0%	12 14.1%	10 6.3%	2 3.0%	7 14.3%	4 15.4%	11 21.2%	9 6.3%	1 1.7%	2 8.0%	0 0.0%
\$15-25,000	30 10.0%	0 0.0%	2 4.9%	5 7.5%	9 12.0%	14 16.5%	12 7.6%	8 11.9%	8 16.3%	2 7.7%	9 17.3%	14 9.7%	6 10.0%	1 4.0%	0 0.0%
\$25-40,000	54 18.0%	7 26.9%	8 19.5%	9 13.4%	15 20.0%	15 17.6%	32 20.3%	7 10.4%	10 20.4%	5 19.2%	9 17.3%	30 20.8%	9 15.0%	5 20.0%	1 6.3%
\$40-75,000	72 24.0%	7 26.9%	16 39.0%	12 17.9%	23 30.7%	14 16.5%	35 22.2%	22 32.8%	11 22.4%	4 15.4%	6 11.5%	37 25.7%	19 31.7%	4 16.0%	5 31.3%
More than \$75,000	60 20.0%	7 26.9%	9 22.0%	26 38.8%	9 12.0%	8 9.4%	34 21.5%	20 29.9%	3 6.1%	3 11.5%	2 3.8%	25 17.4%	15 25.0%	9 36.0%	9 56.3%
Refused	44 14.7%	1 3.8%	3 7.3%	8 11.9%	12 16.0%	15 17.6%	32 20.3%	8 11.9%	2 4.1%	2 7.7%	8 15.4%	22 15.3%	8 13.3%	3 12.0%	1 6.3%
Chi Square				51.60 .001				65.25 .001				59.88 .001			

(continued)

BREC End-Use and Energy Efficiency Survey (December 2007)

Table 31: I'm going to read a list of broad income categories. Please stop me when I've read the category that includes your family's total annual income before taxes. Is it:

All MCRECC respondents

	Income					Overall Satisfaction		Age of home						Primary heating source				
	Total	< \$15K	\$15K-\$25K	\$25K-\$40K	\$40-\$75K	> \$75K	Less than satis.	Satis.	<5 yrs	5-10	11-20	21-30	31-50	50+ yrs	Elec. furn.	HP/ geoth.	NG furn.	Prop. furn.
Unweighted Base	300	40	30	54	72	60	53	247	23	47	64	64	61	38	70	59	33	60
Base	300	40	30	54	72	60	53	247	23	47	64	64	61	38	70	59	33	60
Less than \$10,000	17 5.7%	17 42.5%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	2 3.8%	15 6.1%	0 0.0%	3 6.4%	6 9.4%	4 6.3%	2 3.3%	1 2.6%	9 12.9%	0 0.0%	3 9.1%	2 3.3%
		+++													+++			
\$10-15,000	23 7.7%	23 57.5%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	7 13.2%	16 6.5%	0 0.0%	2 4.3%	3 4.7%	3 4.7%	9 14.8%	6 15.8%	4 5.7%	2 3.4%	1 3.0%	4 6.7%
		+++					+	-					++	++				
\$15-25,000	30 10.0%	0 0.0%	30 100.0%	0 0.0%	0 0.0%	0 0.0%	5 9.4%	25 10.1%	0 0.0%	6 12.8%	5 7.8%	6 9.4%	5 8.2%	7 18.4%	5 7.1%	4 6.8%	6 18.2%	2 3.3%
			+++										+				+	-
\$25-40,000	54 18.0%	0 0.0%	0 0.0%	54 100.0%	0 0.0%	0 0.0%	8 15.1%	46 18.6%	7 30.4%	8 17.0%	13 20.3%	12 18.8%	9 14.8%	4 10.5%	15 21.4%	11 18.6%	7 21.2%	12 20.0%
				+++														
\$40-75,000	72 24.0%	0 0.0%	0 0.0%	0 0.0%	72 100.0%	0 0.0%	17 32.1%	55 22.3%	5 21.7%	17 36.2%	13 20.3%	15 23.4%	14 23.0%	8 21.1%	13 18.6%	18 30.5%	8 24.2%	18 30.0%
					+++						++							
More than \$75,000	60 20.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	60 100.0%	5 9.4%	55 22.3%	7 30.4%	6 12.8%	16 25.0%	15 23.4%	11 18.0%	5 13.2%	14 20.0%	20 33.9%	5 15.2%	11 18.3%
						+++	--	++								+++		
Refused	44 14.7%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	9 17.0%	35 14.2%	4 17.4%	5 10.6%	8 12.5%	9 14.1%	11 18.0%	7 18.4%	10 14.3%	4 6.8%	3 9.1%	11 18.3%
																-		
Chi Square				1000+ .001			8.89 .180				34.97 .244					28.02 .062		

BREC End-Use and Energy Efficiency Survey (December 2007)

Table 32: Account number

All MCRECC respondents

	Total	Gender		Financial burden of the electric bill			Number of people in the home					Length of time served by co-op				
		Male	Female	Not too much	Some	Quite a bit	1	2	3	4	5+	<5 yrs.	5-10	11-15	16-25	>25 yrs.
Base	850201 89386	459954 87458	390247 01928	423955 89172	320797 71218	101228 09912	128181 22206	437983 92829	138024 58726	979080 8220	481040 7405	101121 28395	145629 92525	610768 3052	159366 62243	383007 23171
Account number	850201 89386.0 100.0% 283400 631.3	459954 87458.0 100.0% 283922 762.1	390247 01928.0 100.0% 282787 695.1	423955 89172.0 100.0% 280765 491.2	320797 71218.0 100.0% 286426 528.7	101228 09912.0 100.0% 281189 164.2	128181 22206.0 100.0% 267044 212.6	437983 92829.0 100.0% 295935 086.7	138024 58726.0 100.0% 281682 831.1	979080 8220.0 100.0% 257652 847.9	481040 7405.0 100.0% 282965 141.5	101121 28395.0 100.0% 288917 954.1	145629 92525.0 100.0% 274773 443.9	610768 3052.0 100.0% 277621 956.9	159366 62243.0 100.0% 279590 565.7	383007 23171.0 100.0% 287975 362.2
	Total	Age					Type of home				Education					
		18-34	35-44	45-54	55-64	65+	Single-story	Multi-story	Mobile	Other	<HS grad	HS grad	Some college	College grad	Post college	
Base	850201 89386	671596 4445	113548 73995	176482 00208	221033 32482	251543 99111	461956 91003	176865 11729	145124 44502	662554 2152	149681 22326	403994 34064	172176 54067	686551 3355	460722 3487	
Account number	850201 89386.0 100.0% 283400 631.3	671596 4445.0 100.0% 258306 324.8	113548 73995.0 100.0% 276948 146.2	176482 00208.0 100.0% 263405 973.3	221033 32482.0 100.0% 294711 099.8	251543 99111.0 100.0% 295934 107.2	461956 91003.0 100.0% 292377 791.2	176865 11729.0 100.0% 263977 787.0	145124 44502.0 100.0% 296172 336.8	662554 2152.0 100.0% 254828 544.3	149681 22326.0 100.0% 287848 506.3	403994 34064.0 100.0% 280551 625.4	172176 54067.0 100.0% 286960 901.1	686551 3355.0 100.0% 274620 534.2	460722 3487.0 100.0% 287951 467.9	

(continued)

BREC End-Use and Energy Efficiency Survey (December 2007)

Table 32: Account number

All MCRECC respondents

	Income					Overall Satisfaction		Age of home					Primary heating source					
	Total	< \$15K	\$15K-\$25K	\$25K-\$40K	\$40-\$75K	> \$75K	Less than satis.	Satis.	<5 yrs	5-10	11-20	21-30	31-50	50+ yrs	Elec. furn.	HP/ geoth.	NG furn.	Prop. furn.
Base	85020	10145	83651	15836	20375	17254	14766	70254	59885	13693	17150	18911	18507	10095	20186	16511	65220	17759
	18938	02646	85209	52632	75517	36029	16597	02340	44619	90606	76580	32766	92567	36651	28334	58832	30442	77661
	6	2		3	5	3	8	8		5	4	9	9	8	2	5		8
Account number	85020	10145	83651	15836	20375	17254	14766	70254	59885	13693	17150	18911	18507	10095	20186	16511	65220	17759
	18938	02646	85209	52632	75517	36029	16597	02340	44619	90606	76580	32766	92567	36651	28334	58832	30442	77661
	6.0	2.0	0	3.0	5.0	3.0	8.0	8.0	0	5.0	4.0	9.0	9.0	8.0	2.0	5.0	0	8.0
	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%
	28340	25362	27883	29326	28299	28757	27860	28442	26037	29135	26798	29548	30340	26566	28837	27985	19763	29599
	0631.3	5661.6	9507.0	9006.0	6599.7	2671.6	6905.2	9244.6	1505.2	9703.5	0715.7	9494.8	8617.7	7539.9	5476.3	7429.2	7286.1	6277.0

BREC End-Use and Energy Efficiency Survey (December 2007)

Table 33: Account number (continued)

All MCRECC respondents

	Total	Gender		Financial burden of the electric bill			Number of people in the home					Length of time served by co-op						
		Male	Female	Not too much	Some	Quite a bit	1	2	3	4	5+	<5 yrs.	5-10	11-15	16-25	>25 yrs.		
Base	843	484	359	411	316	113	117	451	143	85	47	111	126	56	144	406		
Account number (continued)	843.0	484.0	359.0	411.0	316.0	113.0	117.0	451.0	143.0	85.0	47.0	111.0	126.0	56.0	144.0	406.0		
	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%		
	2.8	3.0	2.6	2.7	2.8	3.1	2.4	3.0	2.9	2.2	2.8	3.2	2.4	2.5	2.5	3.1		
	Total	Age					Type of home				Education							
		18-34	35-44	45-54	55-64	65+	Single-story	Multi-story	Mobile	Other	<HS grad	HS grad	Some college	College grad	Post college			
Base	843	57	89	287	167	229	378	272	94	99	147	464	141	47	39			
Account number (continued)	843.0	57.0	89.0	287.0	167.0	229.0	378.0	272.0	94.0	99.0	147.0	464.0	141.0	47.0	39.0			
	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%			
	2.8	2.2	2.2	4.3	2.2	2.7	2.4	4.1	1.9	3.8	2.8	3.2	2.4	1.9	2.4			
	Total	Income					Overall Satisfaction		Age of home					Primary heating source				
		< \$15K	\$15K- \$25K	\$25K- \$40K	\$40- \$75K	> \$75K	Less than satis.	Satis.	<5 yrs	5-10	11-20	21-30	31-50	50+ yrs	Elec. furn.	HP/ geoth.	NG furn.	Prop. furn.
Base	843	197	122	116	207	134	128	715	31	70	159	195	150	207	194	143	114	114
Account number (continued)	843.0	197.0	122.0	116.0	207.0	134.0	128.0	715.0	31.0	70.0	159.0	195.0	150.0	207.0	194.0	143.0	114.0	114.0
	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%
	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%
	2.8	4.9	4.1	2.1	2.9	2.2	2.4	2.9	1.3	1.5	2.5	3.0	2.5	5.4	2.8	2.4	3.5	1.9