

Household Energy Survey Summary 6/20/2022

Question	# of Responses	Response details						
Please identify the fuel(s) used in heating/cooling your home (check all that apply):	182	85	66	35	19	5	10	14
		Oil	Liquid Propane	Electricity (baseboard)	Electricity (air-source)	Geothermal	Wood	Pellet
Are you thinking of changing the type of fuel for your home heating?	182	41	141					
		Yes	No					
What fuel type would you be changing from ?		19	11					
		Oil	Propane					
What fuel type would you be changing to ?		28	8					
		Air-source heat pump	Geothermal					
Do you operate a vehicle in Shutesbury?	181	180	1					
		Yes	No					
How many vehicles in each fuel type ?		311	25	68	1			
		gas-fueled	electric	hybrid	diesel fuel			
Would you buy an electric vehicle?	180	101	8	71				
		Yes	No	Maybe				
If you had an electric vehicle, would you use a charging station installed in Town Center?	162	98	72					
		Yes	No					
Please check the thing(s) that might keep you from purchasing an electric vehicle:	77	63	49	46	30	3		
		Sticker price	Range of miles on charge	# of charging stations	battery disposal	other		

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If your electricity is provided by National Grid, are you enrolled in their GreenUp program ?	162	40	122					
		Yes	No					
Is your electricity provided by a community solar company rather than by National Grid or EverSource? If yes, what company ?	163	10	1	1	1	2	3	1
		Yes	Clearway	Community Energy Solar	Constellation	Co-op Power	NexAmp	NexPro
							1	1
In thinking about electricity service to your home, how important are the following aspects of the electricity provided? Rate each of the following from 1 to 5, with 5 being very important and 1 being not important: [Cost of electricity supply]	179	3	8	32	51	85		
		1	2	3	4	5		
In thinking about electricity service to your home, how important are the following aspects of the electricity provided? Rate each of the following from 1 to 5, with 5 being very important and 1 being not important: [Renewable source of electricity supply]	180	4	6	22	52	96		
		1	2	3	4	5		
In thinking about electricity service to your home, how important are the following aspects of the electricity provided? Rate each of the following from 1 to 5, with 5 being very important and 1 being not important: [Stable/non-fluctuating cost rate]	178	7	13	52	52	54		
		1	2	3	4	5		

Question	# of Responses	Response details							
Do you have roof-mounted solar panels?	182	39 *	144						
		Yes	No	<i>* includes two installations at one address</i>					
What is the kW capacity of your roof-mounted system? <i>total roof-mounted capacity = 198.70 kW</i>	27	4	3	5	5	2	3	3	2
		2.5 - 4.2 kW	5.0 - 5.7 kW	6.0 - 6.96 kW	7.0 - 7.93 kW	8.1 - 8.64 kW	9.2 - 9.75 kW	10.0 - 10.10 kW	12.0 - 12.5 kW
In what year was your roof-mounted system installed?	37	4	6	3	5	4	5	5	5
		2010-2011	2012	2013-2014	2015	2016	2017	2018-2019	2020-2022
Under what program were panels installed?	38	28	10						
		SRECs (2010 - 2017)	SMART (2018 -)						
Is your PV system net-metered in your electricity service?	34	34	0						
		Yes	No						
Do you have ground-mounted solar panels?	181	9	172						
		Yes	No						
What is the kW capacity of your ground-mounted system? <i>total ground-mounted capacity = 49.58 kW</i>	7	1	2	1	3				
		2-4 kW	5-6 kW	7-8 kW	9-10 kW				
In what year was your ground-mounted system installed?	8	1	1	1	1	2	1	1	
		2007	2010	2012	2014	2016	2017	2018	
Under what program were panels installed?	8	8	0						
		SRECs (2010 - 2017)	SMART (2018 -)						

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Is your PV system net-metered in your electricity service?	8	8	0		
		Yes	No		
Has your household had an energy assessment in the past four years?	182	88	94		
		Yes	No		
Have you increased your home's energy efficiency through the MassSave program ?	178	109	69		
		Yes	No		
Are there policies, approaches, or projects for energy efficiency, conservation, or generation that you would like the Committee to consider in its work moving forward?	97	Topic category of responses		No of responses in topic	% of total in topic (x/98)
		Community solar & solar storage		31	32.0%
		Increase accessibility for residential solar; guidance/help with permitting process, incentives, funding		22	22.7%
		Community aggregation for solar-sourced electricity		21	21.6%
		Solar installations on Town property (e.g., Lot O-32, school parking lot, roadsides)		19	19.6%
		Provide periodic public forums/workshops on renewable energy options		17	17.5%
		Solar installations without cutting trees or clearing agric land		13	13.4%
		Central information site with active & passive measures for increasing energy efficiency of homes		11	11.3%
		What's energy use in Town buildings? Take measures to lower use/increase efficiency		7	7.2%
		Shared/public transportation between Shutesbury & Amherst		5	5.1%
		Town vehicles should be electric vehicles		3	3.1%
		Tax rebates/discounts for demonstrably low energy use? For solar or EVs?		3	3.1%