

00:10:32 Diane Foulds: Diane Foulds, Windsor Energy Committee
00:10:33 Kurt Haigis: Kurt Haigis - Ferrisburgh
00:10:35 Elisa Clancy: Elisa Clancy, Hyde Park Energy Committee
00:10:36 Reed Parker: Hi - Reed Parker Williston energy Committee
00:10:38 Laural Ruggles: Laural Ruggles Danville Energy Committee
00:10:40 Daniel Wright: Weybridge Energy Committee
00:10:47 Ellen Keene: Greetings from Ellen Keene, Marshfield Energy Committee
00:10:49 Peter Bergstrom: Peter Bergstrom, Rockingham/Saxtons River, Energy Coordinator
00:10:52 Marlena Valenta: Marlena Valenta, Energy and Climate Planner for NRPC
00:10:55 Lauri Scharf: Lauri Scharf, Middlesex energy committee
00:11:01 Rebecca Ellis: Rebecca Ellis, Rep. Welch's Office
00:11:03 Jeannie Jenkins: Jeannie Jenkins Bennington Select Board
00:11:04 Phil March: Phil March, Essex Energy Committee
00:11:05 Chris Anderson: Chris Anderson, Manchester Center, Earth Matters
00:11:07 Catherine Cusack: Catherine Cusack, Craftsbury Energy Committee
00:11:07 Steven Isham: Steve Isham. St. Johnsbury Energy committee
00:11:10 Paul Zabriskie: Paul Zabriskie, Middlesex energy committee
00:11:14 Erik Schultz: Erik Schultz - NEKCA
00:11:14 Kelsey Gibb: Kelsey Gibb - Capstone Community Action
00:11:21 Laurie Kozar: Laurie Kozar, Financial & Energy Coach for Capstone Community Action
00:11:23 Erika Faulkner: Erika Faulkner, Vermont Energy Education Program
00:11:25 Jeffrey Gephart: Jeff Gephart, Energy Coordinator for Town of Rochester & leader of the Valley Energy & Climate Action Committee.
00:11:31 Jessica Williams: Jessica Williams, WindowDressers' Program Manager for Vermont and New Hampshire.
00:11:39 Carl Bucholt: Carl Bucholt, Manchester. I am forming an energy committee; previously it was under the Conservation Commission, but they did nothing.
00:11:43 Valerie Beaudin: Valerie Beaudin Lender with VSECU
00:12:56 Ned Houston: Ned Houston. Craftsbury Energy Committee
00:13:05 Garret Siegel: Garret Siegel & Alexandra Ernst from Arlington Energy Committee
00:13:42 Fran Putnam: Fran and Spence Putnam, Weybridge Energy Committee
00:14:15 Sarah Bruce: Sarah Bruce, Hartland EC
00:14:33 A Laurel Green: Laurel Green, Rockingham Energy Committee
00:15:58 Michelle Mccutcheon-schour: <https://housingdata.org/>
00:21:08 Michelle Mccutcheon-schour: <https://www.encyclopedia.com/news-blog/whitepapers/vermont-energy-burden>
00:23:31 Garret Siegel: Will these links be accessible after the meeting?
00:24:48 Bekah Kuster, VNRC/VECAN: Yes, we will include these links in the follow up email to registrants.

00:25:19 Michelle Mccutcheon-schour: <https://www.aceee.org/sites/default/files/pdfs/u2006.pdf>

00:30:30 Brian Reilly: Transport too?

00:32:24 Michelle Mccutcheon-schour: code is 4011 9301

00:34:56 Jeff Forward: Jeff Forward, Richmond Climate Action Committee

00:35:36 Yves Gonnet: Yves Gonnet Huntington Energy Committee

00:37:12 Sam Lash: Sam Lash, Williston TEC and Sustainable Williston

00:38:21 Jeff Forward: Since this is a meeting of Energy Committees, I suspect most of us would be early adopters on efficiency measures so hopefully we would have lower energy burdens.

00:39:19 Michelle Mccutcheon-schour: Great point Jeff!

00:40:28 Steven: I note that I don't have some of these expenses, so, of course, I rank them a 10 - I'm VERY willing to leave those unpaid!

00:40:28 Paul Zabriskie: This is uncomfortable...

00:40:47 Linda Gray, Norwich Energy Comm: yes: my energy burden is very low b/c I have been able to invest in solar and electrify

00:41:35 Laurie Kozar: Some of the challenge here is that foregoing payments will impact credit, which will create a downward spiral to be able to qualify for credit.

00:41:41 Chris Anderson: This was really hard to decide what not to pay.

00:42:54 Jeff Forward: It is expensive to be poor.

00:43:05 Alan Turnbull: I hate to quibble, but high "burden" to an affluent household is nowhere near the same thing as what even a moderate burden means to a low-income household.

00:44:21 Sarah Bruce - Hartland EC: Those of us with Solar PV may not have high monthly electricity bills, we cannot ignore the initial cost - poss spread over 20 yrs.

00:44:26 Jeff Forward: A high burden for an affluent household is an opportunity to convince them to invest in efficiency and renewables. Higher burden means better paybacks.

00:46:03 Phil March: My transportation energy costs (i.e. gas cost per month) were higher than my other energy expenditures. Why did you exclude this from our calculations of energy burden?

00:46:25 Michelle Mccutcheon-schour: Simply to make it easier for people to participate

00:48:00 Michelle Mccutcheon-schour: This wasn't meant to be 100% accurate, simply an exercise to give people a perspective :)

00:49:04 Ellen Keene: Do we know how many households in VT are home owners vs renters?

00:49:59 Jessica Williams: What do DI, CCHP and THU stand for?

00:50:34 Michelle Mccutcheon-schour: Great question! DI- Direct Install; CCHP - Cold Climate Heat Pump; THU -Targeted High Use

00:50:47 Jeff Forward: Do we know how mobile homes fit in this demographic data? Are they considered homeowners? renters? something else? There is a large difference between a typical home and a mobile home.

00:51:35 Michelle Mccutcheon-schour: HPWH - is Heat Pump Hot

water heater

00:51:49 Jeff Forward: Mobile homes have smaller footprints, but I suspect they also use more energy per square foot. They are also frequently lower income owners I suspect.

00:51:57 Michelle Mccutcheon-schour: Sorry about the acronyms :)

00:52:08 Jessica Williams: Thanks!!

00:52:10 Ann Creaven: Ann Creaven – Glover Energy Com.

00:52:16 Sam Lash: I think the exercises actually highlighted some assumptions we make about/as ECs! Maybe we can reflect on what barriers there are for people to engage with and participate on EC? Also not all on TECs have low energy burdens (including myself– I rent, am priced out of the VT housing market, and thus do not have access many relevant programs I run others through)

00:52:22 Jeffrey Gephart: Does Targeted High Use have a full audit? Does it include improvements to the building enclosure and mechanical ventilation?

00:53:09 Allie Webster: Where can we find out more about this programs on EVT's website?

00:53:16 Ann Creaven: Is there still a targeted community program?

00:54:04 Michelle Mccutcheon-schour: Ann yes, we still have a targeted community program. It runs from April to May each year. We are currently wrapping up last year's program in Deerfield Valley, Mad River Valley, and Barre City

00:54:22 Catherine Cusack: Are renters eligible for programs that would update the appliances etc. of the home they rent? Or can only homeowners apply?

00:54:29 Richard Shappy: What is the definition of cost effective?

00:55:59 Jeff Forward: A problem with addressing measure by measure is that it makes a comprehensive approach less and less cost effective.

00:56:00 Linda Gray, Norwich Energy Comm: how does EVT find/connect with customers for these programs?

00:56:44 Sam Lash: Great to hear appliance choice and working with local retailers!

00:58:09 Deirdre Holmes: Yes, I have same question as Linda. In Charlotte we are trying to reach most in need households with a town-level weatherization program (Energy Shelf DIY weatherization materials available through the food shelf). It's been more challenging than I had thought.

00:58:41 Elisa Clancy: Is it possible to get county by county data on who was served? Interested in if our county is benefitting.

00:59:09 Geoff Wilcox: Hi this is geoff wilcox from the State Weatherization Office at the Office of Economic Opportunity. We administer the state wide low income program. We'd love if low income folks from your towns would apply for Weatherization services and also each of our Wx Agencies are hiring for crew workers (insulation and air sealing installers). Our website is on my slides and you can find our application and contacts at each agency. you are also welcome to e-mail me with any Weatherization questions at geoff.wilcox@vermont.gov or call at 279-7964. thank you. I have to

jump off for another meeting at 12:55

01:00:01 Chris Anderson: When we were recruiting families for Window Dressers at the local Food Shelf, many of the folks said that their rent covers utilities. Do you reach out to landlords, who own older appliances and heating systems, to help them reduce their energy use, make the rental units more comfortable?

01:00:31 Michelle Mccutcheon-schour: [List of agencies and towns they cover - https://dcf.vermont.gov/partners/weatherization](https://dcf.vermont.gov/partners/weatherization)

01:01:49 Laurie Kozar: Glad to hear that weatherization funding will be ramped up!

01:02:03 Vince O'Connell: Is qualification by documentation or self-attestation (self-attestation generally has higher participation)? What is the average annual savings and energy burden reduction per qualifying customer? What is the ratio of total savings to program cost? What is the total annual BTU savings for the program? Are the savings estimates or actual? Are the savings calculated for type of program, specific service type and other relevant data points? What other, if any, outcome measurements are applied?

01:02:26 Allie Webster: Does EVT have the data to allow for more targeted outreach (re: LMI programs) to those most energy burdened?

01:04:52 Linda Gray, Norwich Energy Comm: the weatherization assistance program is great, but isn't the problem that there's not enough funding to do all the qualifying homes? so there's a big waitlist?

01:05:08 Jeff Forward: Are there special WX programs for mobile homes?

01:06:25 Laural Ruggles: Thank you for this presentation and all the good work. I have to jump off for a 1 pm meeting.

01:06:41 Richard Shappy: What is the present wait time for WAPs?

01:06:47 Vince O'Connell: $\$18,000,000.00 / (\$8500.00/\text{home}) = 2117$ homes.

01:07:12 Kevin Gregoire: EV a number of years ago trained Energy Committee members to do "Lay" walkthroughs of homes. We had a good response to that.

01:07:18 Michelle Mccutcheon-schour: <https://dcf.vermont.gov/benefits/weatherization>

01:08:10 Geoff Wilcox: thanks TIM. Definitely. Take care all.

01:09:04 Lauri Scharf: If EV were to train energy committees again, that could help deal with the mountain of work to be done.

01:09:50 Sam Lash: *1 to Kevin and Lauri re training TEC volunteers to help (could also reduce number of visits and thus time investment which can be costly esp for those with multiple jobs, etc)

01:10:03 Steven: I want to know if customers must surrender old appliances when new ones are installed. For example, I have a heat pump water heater installed. May I keep my gas water heater in my system as a backup? i.e. when the power is off for three or four days?

01:10:12 Carl Bucholt: How much fuel assistance is given? Is it given more than once?

01:10:24 Steven: What is "vermiculite remediation"? And what does it entail?

01:10:48 Paul Zabriskie: Question for participants in the chat: Should

C02 emissions be added to the Weatherization Assistance Program's mission and valued in calculations for cost effectiveness?

01:10:56 Yves Gonnet: How do you identify households which qualify for service but do not reach out for assistance?

01:11:29 Linda Gray, Norwich Energy Comm: re Paul's question on emissions -- yes, count them!

01:12:05 Jeff Forward: I agree with Linda, yes count C02 savings. Same for EVT.

01:12:34 Michelle Mccutcheon-schour: Vermiculite remediation is either the removal or sealing off of Vermiculite insulation. It requires a trained team to handle the vermiculite as it is a very dangerous material.

01:13:30 Deirdre Holmes: Can households pass along home improvements for possible reductions in mortgage and/or insurance payments?

01:13:50 Allie Webster: Agreed on counting C02 - social cost of carbon

01:14:08 Ann Lawless: Hi Michelle, do you also cover Caledonia Cty?

01:15:26 Steven: Will the recording of this webinar be available on youtube to view after we're done today?

01:16:01 Laurie Kozar: Weatherization services are such a priority - how quickly can these services be ramped up with the funding coming into the state?

01:16:33 Bekah Kuster, VNRC/VECAN: Yes, this workshop is being recorded and will be posted at our website - <https://vecan.net/webinars/>

01:17:16 Sam Lash: I know the webinar today explicitly focused on LIC homeowners but are there programs for renters/to incentivize landlords? (Could be a great part II if there are?)

01:19:09 Erika Faulkner: I would love that!

01:19:31 Fran Putnam: How do we reach landlords?

01:20:52 Paul Zabriskie: 3E Thermal provides weatherization services to landlords with low income tenants. <https://3ethermal.org>

01:30:46 Ellen Keene: Marshfield Energy Committee did a mailing to landlords in the village to invite them to contact us regarding weatherization for rental units. We had 1 response out of 11.

01:34:44 Fran Putnam: Our energy committee has reached out to anti-poverty agencies in our area and they say they don't have the staff resources to reach out to their clients about weatherization assistance programs. They would welcome volunteers to help with this.

01:35:51 Phil March: How does EVT identify these low income families with high energy burden?

01:38:20 Greta Hasler (she/her), VNRC: Such a wonderful, informative webinar! Thank you so much Efficiency VT team!

01:38:24 Brian Reilly: Thank you for presentation.

01:38:38 Nancy Faesy: Could your letter for low-income individuals be put in the bags at the Food Cupboard?

01:38:42 Laurie Kozar: Thank you so much!

01:38:44 Bekah Kuster, VNRC/VECAN: Thank you so much for joining us this afternoon. And a huge appreciation our presenters.

01:38:47 Steven: Contact INFO!

01:38:49 Erik Schultz: Thank you! Great information

01:38:55 Allie Webster: Thank you so much for hosting this!
01:39:06 Ellen Keene: Thank you!!!