

WebEx Chat Transcript | CECAP Public Meeting

February 23, 2021 | 7:00 PM

February 23, 2021 7:03 PM from Bill Hafker to all panelists:
Bill Hafker Oakton Sully District

February 23, 2021 7:03 PM from Brian Castelli to host (privately):
B T Castelli Falls Church

February 23, 2021 7:03 PM from John Gustavo Blair to all panelists:
John Gustavo Blair, Arlington, VA

February 23, 2021 7:03 PM from George Kralovec to host (privately):
George Kralovec Annandale

February 23, 2021 7:04 PM from Maya Dhavale to everyone:
Hi all - let me know if any problems arise. Thanks!

February 23, 2021 7:04 PM from Bob Brown to all panelists:
Bob Brown - Herndon, VA

February 23, 2021 7:09 PM from Ali Althen to everyone:
[Link to CECAP surveys](#)

February 23, 2021 7:10 PM from Ali Althen to everyone:
These slides will be posted tomorrow, for anyone who would like to view or download them.

February 23, 2021 7:12 PM from Paula Clements (privately):
I do not see "everyone" in the list. Only "all panelists"

February 23, 2021 7:12 PM from Brian Dooda to all panelists:
I dont see that I can chat with everyone (attendees)

February 23, 2021 7:13 PM from Yasmin Shafiq to all panelists:
Fairfax Cty OEEC website

February 23, 2021 7:13 PM from Garry Scutt to all panelists:
Email from Dan Storck

February 23, 2021 7:13 PM from Linda Dane to all panelists:
Sierra Club

February 23, 2021 7:13 PM from George Kralovec to all panelists:
As a member of the CECAP Task Force

February 23, 2021 Facebook	7:13 PM	from Steven Thai to host & presenter:
February 23, 2021 FACS	7:13 PM	from Kim Young to host (privately):
February 23, 2021 e-mail from OEEC	7:13 PM	from Flint Webb to host (privately):
February 23, 2021 email from FXCO	7:13 PM	from Mercia Hobson to host (privately):
February 23, 2021 I can select Host, Presenter, Host and Presenter or All Panelists	7:13 PM	from Brian Dooda to all panelists:
February 23, 2021 Braddock Beacon and Neighbors	7:13 PM	from Bryan Campbell to all panelists:
February 23, 2021 CECAP facebook page	7:13 PM	from Prachi S to all panelists:
February 23, 2021 multiple sources - county; Faith Alliance for Climate Action	7:13 PM	from Paula Clements to all panelists:
February 23, 2021 thanks	7:14 PM	from Brian Dooda to all panelists:
February 23, 2021 Email	7:14 PM	from Ronald Wiersma to host (privately):
February 23, 2021 Everyone is not an option for me, sorry. Heard from Ali and a newsletter.	7:14 PM	from Marilyn Kupetz to all panelists:
February 23, 2021 350 Fairfax, friend and the County	7:14 PM	from Susan Bartram to all panelists:
February 23, 2021 Fairfax Master Naturalists nonmember newsletter	7:14 PM	from Carol Abel to host & presenter:
February 23, 2021 I learned on Fairfax County website	7:14 PM	from Brian Dooda to all panelists:
February 23, 2021 very concerned	7:14 PM	from Bryan Campbell to all panelists:
February 23, 2021 Email from CECAP	7:14 PM	from Nancy Najarian to all panelists:
February 23, 2021 very concerned	7:14 PM	from Carol Abel to host & presenter:

February 23, 2021 very concerned	7:14 PM	from Linda Dane to all panelists:
February 23, 2021 Very concerned	7:14 PM	from George Kralovec to all panelists:
February 23, 2021 Very	7:14 PM	from Marilyn Kupetz to all panelists:
February 23, 2021 VERY	7:14 PM	from Paula Clements to all panelists:
February 23, 2021 Very concerned	7:14 PM	from Bradley Dressler to host (privately):
February 23, 2021 Very concerned	7:14 PM	from Prachi S to all panelists:
February 23, 2021 Very	7:14 PM	from Nancy Najarian to all panelists:
February 23, 2021 Very concerned	7:14 PM	from Steven Thai to host & presenter:
February 23, 2021 very	7:14 PM	from Brian Dooda to all panelists:
February 23, 2021 Very concerned	7:14 PM	from Flint Webb to all panelists:
February 23, 2021 Not Concerned	7:14 PM	from Garry Scutt to all panelists:
February 23, 2021 Very Concerned	7:14 PM	from Ronald Wiersma to host (privately):
February 23, 2021 very	7:14 PM	from Kim Young to all panelists:
February 23, 2021 Very concerned	7:14 PM	from Sonya Breehey to host & presenter:
February 23, 2021 very	7:14 PM	from Judy Neason to all panelists:
February 23, 2021 Very	7:14 PM	from Mercia Hobson to host & presenter:
February 23, 2021 Very concerned	7:14 PM	from Bob Brown to host & presenter:

February 23, 2021 so is my 7 year old	7:14 PM	from Brian Dooda to all panelists:
February 23, 2021 Very	7:14 PM	from Kathy Walters to all panelists:
February 23, 2021 Very	7:14 PM	from Susan Bartram to all panelists:
February 23, 2021 Very	7:14 PM	from Stiven Foster to all panelists:
February 23, 2021 somewhat	7:15 PM	from Paula Clements to all panelists:
February 23, 2021 Very familiar	7:15 PM	from George Kralovec to all panelists:
February 23, 2021 Somewhat	7:15 PM	from Nancy Najarian to host & presenter:
February 23, 2021 Concerned. From CWCA neighborhood assoc	7:15 PM	from Mindi Farber-DeAnda to all panelists:
February 23, 2021 Not familiar at all	7:15 PM	from Steven Thai to host & presenter:
February 23, 2021 somewhat familiar	7:15 PM	from Linda Dane to all panelists:
February 23, 2021 not familiar	7:15 PM	from Kim Young to all panelists:
February 23, 2021 VERY	7:15 PM	from Mercia Hobson to host & presenter:
February 23, 2021 not familiar at all	7:15 PM	from Brian Dooda to all panelists:
February 23, 2021 not at all familiar	7:15 PM	from Carol Abel to host & presenter:
February 23, 2021 Somewhat	7:15 PM	from Susan Bartram to all panelists:
February 23, 2021 Not	7:15 PM	from Kathy Walters to all panelists:
February 23, 2021 not familiar	7:15 PM	from Judy Neason to all panelists:

February 23, 2021 very familiar	7:15 PM	from Sonya Breehey to host & presenter:
February 23, 2021 Very, based on public info	7:15 PM	from Marilyn Kupetz to all panelists:
February 23, 2021 Somewhat	7:15 PM	from Ronald Wiersma to all panelists:
February 23, 2021 Familiar - attended previous meeting	7:15 PM	from Prachi S to all panelists:
February 23, 2021 VERY	7:15 PM	from Brian Castelli to all panelists:
February 23, 2021 familiar enough	7:15 PM	from Bryan Campbell to all panelists:
February 23, 2021 not familiar	7:15 PM	from Garry Scutt to all panelists:
February 23, 2021 somewhat	7:15 PM	from Yasmin Shafiq to all panelists:
February 23, 2021 Not familiar	7:15 PM	from Gail Weary to everyone:
February 23, 2021 somewhat	7:15 PM	from Bob Brown to host & presenter:
February 23, 2021 Braddock	7:15 PM	from Marilyn Kupetz to all panelists:
February 23, 2021 Herndon	7:15 PM	from Yasmin Shafiq to all panelists:
February 23, 2021 Sully	7:15 PM	from Linda Dane to all panelists:
February 23, 2021 springfield	7:15 PM	from Kim Young to all panelists:
February 23, 2021 Springfield	7:15 PM	from Paula Clements to all panelists:
February 23, 2021 Springfield	7:15 PM	from Brian Dooda to all panelists:
February 23, 2021 Springfield	7:16 PM	from Gail Weary to everyone:

February 23, 2021 Braddock District	7:16 PM	from Bryan Campbell to all panelists:
February 23, 2021 Providence	7:16 PM	from Sonya Breehey to host & presenter:
February 23, 2021 Dranesville	7:16 PM	from Bob Brown to host & presenter:
February 23, 2021 Providence	7:16 PM	from Stiven Foster to all panelists:
February 23, 2021 Dranesville	7:16 PM	from Brian Castelli to all panelists:
February 23, 2021 Mt. Vernon - 61 years	7:16 PM	from Garry Scutt to all panelists:
February 23, 2021 I'm in Loudoun now :(7:16 PM	from Steven Thai to everyone:
February 23, 2021 Springfield	7:16 PM	from Kathy Walters to all panelists:
February 23, 2021 Springfield	7:16 PM	from Ronald Wiersma to all panelists:
February 23, 2021 Braddock	7:16 PM	from George Kralovec to all panelists:
February 23, 2021 Dranesville	7:16 PM	from Mercia Hobson to host & presenter:
February 23, 2021 Dranesville	7:16 PM	from Susan Bartram to all panelists:
February 23, 2021 Alexandria/Mt Vernon	7:16 PM	from Judy Neason to all panelists:
February 23, 2021 Annandale (Braddock)	7:16 PM	from Daniel Carey to host (privately):
February 23, 2021 Mason	7:16 PM	from Elizabeth Spike to all panelists:
February 23, 2021 Providence	7:16 PM	from Flint Webb to all panelists:
February 23, 2021 Oakton	7:16 PM	from Sara Holtz to everyone:

February 23, 2021 Email	7:16 PM	from Ronald Wiersma to all panelists:
February 23, 2021 email	7:16 PM	from Carol Abel to everyone:
February 23, 2021 email	7:17 PM	from Marilyn Kupetz to all panelists:
February 23, 2021 email	7:17 PM	from Susan Bartram to all panelists:
February 23, 2021 email	7:17 PM	from George Kralovec to all panelists:
February 23, 2021 email	7:17 PM	from Kim Young to all panelists:
February 23, 2021 email,	7:17 PM	from Garry Scutt to all panelists:
February 23, 2021 email	7:17 PM	from Judy Neason to all panelists:
February 23, 2021 email	7:17 PM	from Daniel Carey to host (privately):
February 23, 2021 Email	7:17 PM	from Gail Weary to everyone:
February 23, 2021 email or FB	7:17 PM	from Paula Clements to all panelists:
February 23, 2021 email	7:17 PM	from Linda Dane to all panelists:
February 23, 2021 Email	7:17 PM	from Kathy Walters to all panelists:
February 23, 2021 email	7:17 PM	from Bob Brown to host & presenter:
February 23, 2021 Email	7:17 PM	from Mindi Farber-DeAnda to all panelists:
February 23, 2021 FB, Nextdoor, and email	7:17 PM	from Bryan Campbell to all panelists:
February 23, 2021 Email and Facebook	7:17 PM	from Prachi S to all panelists:

February 23, 2021	7:17 PM	from Yasmin Shafiq to all panelists: text :)
February 23, 2021	7:17 PM	from Flint Webb to all panelists: email
February 23, 2021	7:17 PM	from Brian Dooda to all panelists: email or updates/ upcoming events on Fairfax website
February 23, 2021	7:17 PM	from Ali Althen to everyone: If you would like to sign up for the CECAP email newsletter, you can do so here .
February 23, 2021	7:29 PM	from Flint Webb to all panelists: Could someone explain how the emissions calculated as part of this process were different from the emissions calculated by GMU back in 2010-2013.
February 23, 2021	7:31 PM	from Paula Clements to all panelists: see the financial savings
February 23, 2021	7:31 PM	from Mindi Farber-DeAnda to all panelists: Tax rebate
February 23, 2021	7:31 PM	from Gail Weary to everyone: Lowering overall energy bill
February 23, 2021	7:31 PM	from Daniel Carey to all panelists: Approved contractors (for insulation, etc)
February 23, 2021	7:31 PM	from Steven Thai to everyone: Federal, State, and Local tax and rebate incentives!
February 23, 2021	7:31 PM	from Stiven Foster to all panelists: Tax breaks
February 23, 2021	7:31 PM	from Flint Webb to all panelists: Vendors should offer energy efficient options when you buy a new appliance
February 23, 2021	7:31 PM	from Elizabeth Spike to all panelists: lower property tax
February 23, 2021	7:31 PM	from Bryan Campbell to all panelists: cost-sharing program
February 23, 2021	7:31 PM	from Daniel Carey to all panelists: Standardized loan application & terms
February 23, 2021	7:31 PM	from Judy Neason to all panelists: a professional coming to my home to consider options and trade offs, like life cycle considerations
February 23, 2021	7:31 PM	from Garry Scutt to all panelists: Economic benefit

February 23, 2021	7:31 PM	from Marilyn Kupetz to all panelists: financial incentives and tax incentives
February 23, 2021	7:31 PM	from Sonya Breehey to host & presenter: Tax rebates,
February 23, 2021	7:31 PM	from Prachi S to all panelists: Having easy access to information (for product selection)
February 23, 2021	7:31 PM	from Kathy Walters to all panelists: Reputable contractors
February 23, 2021	7:31 PM	from George Kralovec to all panelists: A national price on carbon emissions.
February 23, 2021	7:32 PM	from John Cross to everyone: We had to replace our roof, and paid more for Energy Star Shingles because of the energy/climate payoff
February 23, 2021	7:32 PM	from Sonya Breehey to host & presenter: Assistance with home energy assessments
February 23, 2021	7:32 PM	from Prachi S to all panelists: Neighbors doing it :-)/ word of mouth
February 23, 2021	7:32 PM	from Paula Clements to all panelists: rebates
February 23, 2021	7:32 PM	from Flint Webb to all panelists: Carbon pricing is a good idea
February 23, 2021	7:32 PM	from John Cross to everyone: Energy Star certification
February 23, 2021	7:33 PM	from Susan Bartram to all panelists: Comfort and functionality
February 23, 2021	7:33 PM	from Sonya Breehey to host & presenter: Cost savings
February 23, 2021	7:33 PM	from Steven Thai to everyone: Vendor supply, had to replace a water heater, was willing to pay extra but nobody had efficient ones in stock. Can't wait a week or two when my water is already leaking.
February 23, 2021	7:33 PM	from Paula Clements to all panelists: group pricing
February 23, 2021	7:33 PM	from Garry Scutt to all panelists: No cost to the taxpayers
February 23, 2021	7:34 PM	from Maya Dhavale to Cara Blumenthal (privately): you on gchat?

February 23, 2021 7:34 PM from Adam Agalloco (ICF) to everyone:

[Here's a link to an Energy Star resource](#)

February 23, 2021 7:35 PM from Brian Dooda to all panelists:

A dramatic difference in appliance technology. My new fridge is not that much more efficient than one from 5 years ago.

February 23, 2021 7:35 PM from Flint Webb to all panelists:

We had to replace our furnace in the middle of the winter and we ended up getting what was available then. We also had to replace our air conditioner in the middle of the summer.

February 23, 2021 7:35 PM from Flint Webb to all panelists:

EPA has some great resources, but we need local vendors to stock them!

February 23, 2021 7:36 PM from Daniel Carey to all panelists:

Encourage Tesla to begin installing their Solar Roof in Fairfax.

February 23, 2021 7:36 PM from Marilyn Kupetz to all panelists:

Did not get Adam's link?

February 23, 2021 7:36 PM from Brian Dooda to all panelists:

If we're talking net zero by 2050 for homes there will be many more opportunities to upgrade appliances

February 23, 2021 7:36 PM from David Kaiser to host (privately):

Just something that I have thought of... not saying it is a perfect idea... but riffing on what Steven Thai said about needing a hot water heater NOW, what if we could add "replace this system with _____ (something high efficiency, by such and such date" sort of like an oil change.

February 23, 2021 7:36 PM from Adam Agalloco (ICF) to all panelists:

[Here's a link to an Energy Star resource](#)

February 23, 2021 7:37 PM from Sonya Breehey to host & presenter:

Too expensive over other options

February 23, 2021 7:37 PM from Elizabeth Spike to all panelists:

return on investment takes too long

February 23, 2021 7:37 PM from Yasmin Shafiq to all panelists:

Cost

February 23, 2021 7:37 PM from Bob Brown to host & presenter:

HOA restrictions

February 23, 2021 7:37 PM from Marilyn Kupetz to all panelists:

Cost and disreputable vendors

February 23, 2021 7:37 PM from Garry Scutt to all panelists:

Excessive cost vs. minimal savings

February 23, 2021	7:37 PM	from Paula Clements to all panelists: lack of availability/choice
February 23, 2021	7:37 PM	from Gail Weary to everyone: What savings or rebates are available.
February 23, 2021	7:37 PM	from Daniel Carey to all panelists: Level or length of disruption
February 23, 2021	7:37 PM	from David Kaiser to host (privately): Complication of install. Gas to hot water heater to electric can get complicated...
February 23, 2021	7:37 PM	from Brian Dooda to all panelists: cost
February 23, 2021	7:37 PM	from Flint Webb to all panelists: PACE financing would help with the initial cost
February 23, 2021	7:37 PM	from Sonya Breehey to host & presenter: Lack of understanding of what a more efficient choice would be
February 23, 2021	7:38 PM	from Garry Scutt to all panelists: Do not want unsubstantiated tax implications such as carbon tax
February 23, 2021	7:38 PM	from Judy Neason to all panelists: not wanting to fill landfills with old appliances unless benefit was clear; lack of clear choices and sound data on energy benefit
February 23, 2021	7:38 PM	from Flint Webb to all panelists: Vendor certification
February 23, 2021	7:38 PM	from Nancy Najarian to all panelists: Timing. If water heater went out and what I needed was not stocked
February 23, 2021	7:38 PM	from Prachi S to all panelists: It takes too long or doesn't happen if it requires a lot of efforts - research, select option, figure out contractors etc.
February 23, 2021	7:38 PM	from David Kaiser to host (privately): Vendors sometimes are not familiar with the technology so they don't recommend it, or they have biases based on technology from 20-30 year ago.
February 23, 2021	7:38 PM	from Erika Christ to host (privately): Desire to wait until existing system/appliance dies before switching to another option.
February 23, 2021	7:39 PM	from Sonya Breehey to host & presenter: Lack of savings
February 23, 2021	7:39 PM	from Flint Webb to all panelists: TALK

February 23, 2021 7:39 PM from Daniel Carey to all panelists:
Don't know how to assess need (e.g., insulation)

February 23, 2021 7:39 PM from John Cross to host & presenter:
Information on tax credits is not easy to find

February 23, 2021 7:39 PM from Paula Clements to all panelists:
Utility restrictions

February 23, 2021 7:39 PM from Erika Christ to all panelists:
Desire to wait until existing system/appliance dies before switching to another option

February 23, 2021 7:40 PM from Elizabeth Spike to all panelists:
No carbon tax keeps EE improvements cost prohibitive compared to BAU---lack of level play field

February 23, 2021 7:40 PM from Fred Krimgold to host (privately):
Availability of clean power purchase option

February 23, 2021 7:40 PM from Prachi S to all panelists:
lack of understanding on what has the highest impact (so worth the time & effort)

February 23, 2021 7:40 PM from George Kralovec to all panelists:
I'm also am concerned with sending my fridge to the landfill unless the energy savings were significant.
It's hard to gather the necessary information to make an informed decision

February 23, 2021 7:40 PM from Stiven Foster to all panelists:
This conversation is only addressing home owners - there are a large number of renters in the county

February 23, 2021 7:41 PM from George Kralovec to all panelists:
Agree PACE financing is an important factor.

February 23, 2021 7:41 PM from Elizabeth Spike to all panelists:
And what about low income families too?

February 23, 2021 7:41 PM from David Kaiser to host & presenter:
Complication of install. Gas to hot water heater to electric can get complicated...

February 23, 2021 7:41 PM from David Kaiser to host & presenter:
Vendors sometimes are not familiar with the technology so they don't recommend it, or they have
biases based on technology from 20-30 year ago.

February 23, 2021 7:42 PM from John Cross to all panelists:
Information on tax credits is not easy to locate

February 23, 2021 7:42 PM from Brian Dooda to all panelists:
If my energy was clean I wouldn't need to change appliances

February 23, 2021 7:42 PM from Marilyn Kupetz to all panelists:
for life cycle information, see <https://aclca.org>

February 23, 2021 7:42 PM from Paula Clements to all panelists:
Brian, that is true but your energy needs would decrease

February 23, 2021 7:44 PM from Sonya Breehey to host & presenter:
Help installing or knowing what to do

February 23, 2021 7:44 PM from Flint Webb to all panelists:
I would point out that during COVID we need to have higher than normal air changes makes it harder for the virus to be transmitted indoors.

February 23, 2021 7:44 PM from David Kaiser to all panelists:
Knowing which items are beneficial with the least consequences.

February 23, 2021 7:44 PM from George Kralovec to all panelists:
A national price on carbon emissions

February 23, 2021 7:44 PM from Marilyn Kupetz to all panelists:
A list of options, supplies, vendors

February 23, 2021 7:44 PM from Bob Brown to host & presenter:
reduced energy expense

February 23, 2021 7:44 PM from Garry Scutt to all panelists:
When they banned incandescent bulbs we did not really have a choice

February 23, 2021 7:44 PM from Paula Clements to all panelists:
seeing the cost savings

February 23, 2021 7:44 PM from Bob Brown to host & presenter:
greatercomfort.....e.g.draft eliminated

February 23, 2021 7:44 PM from Flint Webb to all panelists:
Energy audits

February 23, 2021 7:44 PM from Erika Christ to all panelists:
One-pagers with clear/easy instructions on what is needed and how to do it (e.g., window sealing)

February 23, 2021 7:44 PM from Elizabeth Spike to all panelists:
incandescent was inefficient---good riddance

February 23, 2021 7:44 PM from Kim Young to all panelists:
county approved vetted contractors at reasonable price

February 23, 2021 7:44 PM from Nancy Najarian to all panelists:
My father gifted us \$500 worth of LED lights for our entire house 10 years ago and it made a huge difference. We experienced the difference. But, at the time \$50 per lightbulb seemed out of reach.

February 23, 2021 7:45 PM from Steven Foster to all panelists:
Tax free

February 23, 2021	7:45 PM	from Paula Clements to all panelists: seeing the energy savings
February 23, 2021	7:45 PM	from Mindi Farber-DeAnda to all panelists: Sample how-to for homeowner from utility
February 23, 2021	7:45 PM	from Sonya Breehey to host & presenter: Educational materials or easy to understand tutorials
February 23, 2021	7:45 PM	from Daniel Carey to all panelists: Teach school-age kids about some DIY changes, and they can encourage their parents
February 23, 2021	7:45 PM	from Judy Neason to all panelists: I've replaced many light bulbs but lighting is confusing so simplified info would be helpful. You Tube videos for those of us not particularly good at these things
February 23, 2021	7:45 PM	from David Kaiser to all panelists: 2ndary benefits of energy efficiency measures such as comfort, reduced humidity.
February 23, 2021	7:45 PM	from Elizabeth Spike to all panelists: give aways from the county
February 23, 2021	7:45 PM	from Marilyn Kupetz to all panelists: +1 to how-to guides
February 23, 2021	7:45 PM	from Paula Clements to all panelists: rebates
February 23, 2021	7:45 PM	from Sonya Breehey to host & presenter: Making energy audits more accessible and less costly
February 23, 2021	7:46 PM	from Mindi Farber-DeAnda to all panelists: Would we really need contractors if these are diy?
February 23, 2021	7:46 PM	from Elizabeth Spike to all panelists: tax free holiday on smaller DIY EE purchases
February 23, 2021	7:46 PM	from Steven Thai to everyone: FCPL had a light bulb trade in program that was a hit a while back. Trade in incandescents for LED
February 23, 2021	7:47 PM	from Brian Dooda to all panelists: now screw in LEDs are pretty cheap. Just be aware of color temperature.
February 23, 2021	7:48 PM	from Flint Webb to all panelists: Time
February 23, 2021	7:48 PM	from Daniel Carey to all panelists: Backwards incompatibility between appliance and smart control
February 23, 2021	7:48 PM	from Flint Webb to all panelists: Need to go to the store and shop during pandemic

February 23, 2021 7:48 PM from Adam Agalloco (ICF) to all panelists:
[Here's a link to some Department of Energy energy saving tips](#)

February 23, 2021 7:48 PM from George Kralovec to all panelists:
Time available

February 23, 2021 7:48 PM from Mindi Farber-DeAnda to all panelists:
Too complicated instructions.

February 23, 2021 7:48 PM from Elizabeth Spike to all panelists:
cost

February 23, 2021 7:49 PM from Garry Scutt to all panelists:
Any cost to the taxpayer

February 23, 2021 7:49 PM from David Kaiser to all panelists:
Horror stories of contractors that do an install incorrectly, products that fail, catch fire etc.

February 23, 2021 7:49 PM from Nancy Najarian to all panelists:
Money. Thinking you are going to sell your house, but it might be torn down.

February 23, 2021 7:49 PM from Yasmin Shafiq to all panelists:
Prioritization (bandwidth)

February 23, 2021 7:49 PM from Mindi Farber-DeAnda to all panelists:
Need to swap out all units rather than letting you try a few substitutions

February 23, 2021 7:49 PM from Kim Young to all panelists:
inability to prioritize

February 23, 2021 7:50 PM from Elizabeth Spike to all panelists:
renters may not have any say in EE DIY purchases?

February 23, 2021 7:50 PM from Garry Scutt to all panelists:
Would like to see some statistics on actual savings and where those savings are.

February 23, 2021 7:50 PM from Stiven Foster to all panelists:
Lack of awareness

February 23, 2021 7:50 PM from John Cross to all panelists:
Convenience --- we have tried multiple different types of weather stripping without finding one that works (yet)

February 23, 2021 7:50 PM from Marilyn Kupetz to all panelists:
Not sure where to start--prioritization in terms of benefits, not time

February 23, 2021 7:51 PM from Nancy Najarian to all panelists:
How much time it really takes. Is it a one day change. Does it take a few weeks? Education

February 23, 2021 7:53 PM from Cara Blumenthal to everyone:
[Here is the link Adam referred to](#)

February 23, 2021 7:54 PM from Ronald Wiersma to all panelists:
Since we are unable to copy links put in the chat, would you be able to email us the links put in the chat?

February 23, 2021 7:54 PM from Elizabeth Spike to all panelists:
Is there a link to community solar in VA?

February 23, 2021 7:54 PM from Garry Scutt to all panelists:
Great meeting, but I have to go now - wish I had found out earlier. I will be at the next one - thank you all!!!

February 23, 2021 7:55 PM from Ali Althen to everyone:
Thank you for joining, Garry!

February 23, 2021 7:55 PM from Prachi S to all panelists:
I researched quite a bit around solar panels and community solar - the cost makes the ROI horizon very long. So ended up signing on Dominion Energy's green power plan (it's not the best but some solution)

February 23, 2021 7:55 PM from Sonya Breehey to all panelists:
Tax incentives, rebates, subsidies

February 23, 2021 7:55 PM from Kim Young to all panelists:
We did install solar but would have been even more encouraged if we would have been able to have storage for times when power was out

February 23, 2021 7:55 PM from Daniel Carey to all panelists:
Standardized loan application & terms

February 23, 2021 7:55 PM from David Kaiser to all panelists:
power resiliency.

February 23, 2021 7:55 PM from Elizabeth Spike to all panelists:
Fed, state and county tax rebate or credit on % of cost

February 23, 2021 7:56 PM from Flint Webb to all panelists:
Residential PACE financing

February 23, 2021 7:56 PM from Marilyn Kupetz to all panelists:
Programs like BlocPower

February 23, 2021 7:56 PM from Prachi S to all panelists:
Shorter ROI time horizon

February 23, 2021 7:56 PM from Ali Althen to everyone:
Hi Ronald, are you able to click the links in the chat?

February 23, 2021 7:56 PM from Ali Althen to everyone:
If you are not able to copy them?

February 23, 2021 7:56 PM from Nancy Najarian to all panelists:
Making it feasible for an owner even if you did not plan to live in your house for 20 years. The idea of moving takes away the ROI as it usually exists.

February 23, 2021 7:56 PM from Elizabeth Spike to all panelists:
lease solar panels

February 23, 2021 7:57 PM from George Kralovec to all panelists:
I have too much shade to take advantage of solar, so I buy 100% green power RECs from Dominion for 1.5 cents/kWh. Does this give the County credit toward net Zero?

February 23, 2021 7:57 PM from Prachi S to all panelists:
Better Green Power plan by the utility - this is what Dominion has, which is ok. [Dominion link.](#)

February 23, 2021 7:57 PM from Erika Christ to all panelists:
I use Arcadia solar savings since I don't have enough sun for rooftop solar.

February 23, 2021 7:57 PM from Sonya Breehey to all panelists:
A sunnier lot

February 23, 2021 7:57 PM from Nancy Najarian to all panelists:
Understanding the benefits of buying your energy from a renewable source. You do not install solar yourself but you can purchase your energy from a renewable source

February 23, 2021 7:57 PM from Elizabeth Spike to all panelists:
roll the cost of solar panels in to your home when you list for sale

February 23, 2021 7:58 PM from Adam Agalloco (ICF) to everyone:
[Dominion's Community Solar Pilot link](#)

February 23, 2021 7:58 PM from Ronald Wiersma to all panelists:
When I click on them it takes me out of the Webex.

February 23, 2021 7:58 PM from Daniel Carey to all panelists:
Preventing HOA from interfering

February 23, 2021 7:58 PM from David Kaiser to all panelists:
FYI, you want a HIGHER ROI, not a shorter ROI. Difference between simple payback and ROI.

February 23, 2021 7:58 PM from Paula Clements to all panelists:
Improves property value

February 23, 2021 7:58 PM from Adam Agalloco (ICF) to everyone:
[Nitty Gritty details on Community Solar in VA.](#)

February 23, 2021 7:59 PM from David Kaiser to all panelists:
Leaving the world better than we found it?

February 23, 2021 8:00 PM from Prachi S to all panelists:
As far as I know, VA community solar program is only taking pre-enrollments right now. It doesn't seem active.

February 23, 2021 8:00 PM from Adam Agalloco (ICF) to everyone:
@Prachi , that's correct!

February 23, 2021	8:00 PM	from Daniel Carey to all panelists:
HOA restrictions		
February 23, 2021	8:00 PM	from David Kaiser to all panelists:
Aesthetics		
February 23, 2021	8:00 PM	from Paula Clements to all panelists:
utility restrictions		
February 23, 2021	8:00 PM	from Nancy Najarian to all panelists:
In other states there are much better financial incentives. We do not yet have them i VA.		
February 23, 2021	8:01 PM	from Ali Althen to everyone:
Hi Ronald, can you send me your email address privately in the chat? Or to cecapoutreach@fairfaxcounty.gov? And I can send you the survey links and other links being shared tonight when we wrap up the slide deck tomorrow morning.		
February 23, 2021	8:01 PM	from Elizabeth Spike to all panelists:
need a qualified roofer who will guarantee roof if you prep site for solar		
February 23, 2021	8:01 PM	from Prachi S to all panelists:
It's shorter ROI-time-horizon (shorter time to break even)		
February 23, 2021	8:01 PM	from John Cross to all panelists:
Being told by County contractor that there were too many trees for solar,(based on Google maps)		
February 23, 2021	8:01 PM	from David Kaiser to all panelists:
Limitations by state of VA on Maximum allowable solar.		
February 23, 2021	8:01 PM	from Paula Clements to all panelists:
got to hop over to another webinar. Thanks for the opportunity to give input		
February 23, 2021	8:02 PM	from Nancy Najarian to all panelists:
Knowing that costs continue to decrease, fear of doing it if the price will be even less?		
February 23, 2021	8:02 PM	from Steven Thai to everyone:
In the process of getting solar. Solar contractor will warranty their roof penetrations. Roofer agreed to come back and inspect their work to keep their warranty.		
February 23, 2021	8:02 PM	from Elizabeth Spike to all panelists:
permitting costs too high?		
February 23, 2021	8:03 PM	from Erika Christ to all panelists:
This is connected to my Dom VA account. Arcadia link.		
February 23, 2021	8:04 PM	from Sara Holtz to all panelists:
Where is a reliable source of info to determine if a house is a good candidate for solar?		
February 23, 2021	8:04 PM	from Steven Thai to everyone:
Link to information about sunroofs.		

February 23, 2021	8:05 PM	from Steven Thai to everyone: Link to NREL resource
February 23, 2021	8:05 PM	from Daniel Carey to all panelists: +1 on the Arcadia energy link above.
February 23, 2021	8:05 PM	from Elizabeth Spike to all panelists: Try PV Watts @ NREL
February 23, 2021	8:05 PM	from Prachi S to all panelists: @Sara - I have used this NOVA solar map . Not sure how reliable it is.
February 23, 2021	8:06 PM	from George Kralovec to all panelists: Higher taxes!
February 23, 2021	8:06 PM	from Kim Young to all panelists: student education
February 23, 2021	8:06 PM	from David Kaiser to all panelists: Cost-benefits
February 23, 2021	8:06 PM	from Marilyn Kupetz to all panelists: Inclusion in fora like this
February 23, 2021	8:06 PM	from Brian Dooda to everyone: There have been a few investigative reports that show energy star is kinda BS
February 23, 2021	8:06 PM	from Adam Agalloco (ICF) to everyone: Green Buildings operated by Fairfax County .
February 23, 2021	8:06 PM	from Nancy Najarian to all panelists: Energy efficiency is the lowest hanging fruit to decrease GHG emissions. I have no problem supporting it all, and we must.
February 23, 2021	8:06 PM	from Gail Weary to everyone: Education
February 23, 2021	8:07 PM	from Bob Brown to host & presenter: increased Building code requirements
February 23, 2021	8:08 PM	from Marilyn Kupetz to all panelists: rooftop gardens
February 23, 2021	8:08 PM	from Kim Young to all panelists: green roof
February 23, 2021	8:08 PM	from Daniel Carey to all panelists: Tax incentives
February 23, 2021	8:08 PM	from David Kaiser to all panelists: 2ndary benefits of green buildings (connection w/ nature, daylighting, health etc.)

February 23, 2021 8:08 PM from Judy Neason to all panelists:
garden rooftops, rain gardens, lighting efficiency, cool design

February 23, 2021 8:09 PM from Erika Christ to all panelists:
garden rooftops can support local families/foodbanks

February 23, 2021 8:09 PM from Yasmin Shafiq to all panelists:
events/excuses to be in green buildings (community events, meetings. etc)

February 23, 2021 8:09 PM from Ross Shearer to all panelists:
Real Estate tax deduction each year for certified net zero ready buildings and houses

February 23, 2021 8:09 PM from Nancy Najarian to all panelists:
Understanding how much healthier the buildings are for people. Also, understanding that given a crisis like what happened in TX, with energy efficiency buildings the residents would be in better shape. Not great but better.

February 23, 2021 8:10 PM from Sonya Breehey to all panelists:
Awareness of costs savings to public for public bldgs, schools, etc

February 23, 2021 8:10 PM from Brian Dooda to everyone:
[GAO link](#)

February 23, 2021 8:10 PM from Prachi S to all panelists:
Fund-raising / campaigns

February 23, 2021 8:10 PM from John Cross to all panelists:
Expedited approval of new construction or retrofit

February 23, 2021 8:10 PM from David Kaiser to all panelists:
2ndary benefits = resiliency...

February 23, 2021 8:10 PM from Marilyn Kupetz to all panelists:
Ability to work on projects to convert energy deserts to green "labs"

February 23, 2021 8:11 PM from David Kaiser to all panelists:
Perception of first cost.

February 23, 2021 8:11 PM from Daniel Carey to all panelists:
"Old school"/Uneducated architects

February 23, 2021 8:11 PM from Kim Young to all panelists:
for county buildings, budget concerns. Also lack of leadership in this area.

February 23, 2021 8:12 PM from Sonya Breehey to all panelists:
People not understanding benefits and long term cost savings

February 23, 2021 8:12 PM from David Kaiser to all panelists:
Lack of integrated project teams.

February 23, 2021 8:12 PM from Brian Dooda to everyone:
public concern about maintenance cost

February 23, 2021 8:12 PM from Gail Weary to everyone:
Budget and lack of understanding

February 23, 2021 8:12 PM from Daniel Carey to all panelists:
County building standards not keeping pace with innovative materials.

February 23, 2021 8:12 PM from Marilyn Kupetz to all panelists:
Public not understanding how to recycle materials or convert public spaces like parking lots

February 23, 2021 8:13 PM from David Kaiser to all panelists:
New technologies or methods that don't work out they way they were intended.

February 23, 2021 8:13 PM from Ross Shearer to all panelists:
Resistance from chambers of commerce

February 23, 2021 8:14 PM from Brian Dooda to everyone:
People might think those buildings are ugly

February 23, 2021 8:14 PM from Susan Bartram to all panelists:
Politicization of environmental initiatives

February 23, 2021 8:14 PM from David Kaiser to all panelists:
lack of leadership = lack of vision

February 23, 2021 8:14 PM from Steven Thai to everyone:
Building codes. NOVA is the home of sprawl and the sprawl is expensive but cheap!

February 23, 2021 8:15 PM from George Kralovec to all panelists:
Lack of appreciation of how much energy waste our current building standards encourgae.

February 23, 2021 8:16 PM from Kim Young to all panelists:
Media campaigns to public to get more involvement

February 23, 2021 8:16 PM from Flint Webb to all panelists:
I think you have done a good job organizing this meeting.

February 23, 2021 8:16 PM from Ross Shearer to all panelists:
Having to download yet another application is a barrier.

February 23, 2021 8:16 PM from Ali Althen to everyone:
<https://www.fairfaxcounty.gov/environment-energy-coordination/cecap-public-surveys>

February 23, 2021 8:16 PM from Carol Abel to everyone:
I like the ability to engage through these sorts of virtual events. They make participation much more accessible.

February 23, 2021 8:17 PM from Ross Shearer to all panelists:
Thank you to Michelle Adam and Maya

February 23, 2021 8:17 PM from Kim Young to all panelists:
Despite the sadness at times of non in-person meetings, I would not participate in this if I had to go out to a meeting, after a day of work. So I like the web-ex.

February 23, 2021 8:17 PM from Brian Dooda to everyone:
What does CECAP stand for?

February 23, 2021 8:17 PM from Prachi S to all panelists:
I like these public meetings - thank you. Would like to know more about how the county would be converging towards actions / when the execution would start.

February 23, 2021 8:17 PM from Stiven Foster to all panelists:
Outreach through the schools

February 23, 2021 8:17 PM from David Kaiser to all panelists:
Conversations like this one/ surveys are mostly speaking to the choir, or talking to the hecklers. Is there a way we can get information from people that are in the middle/ ambivalent? Walking up to people talking to them at the grocery store?

February 23, 2021 8:17 PM from Marilyn Kupetz to all panelists:
Really like the communication packages. Would like opportunities to actually do something more substantive than just sharing info

February 23, 2021 8:17 PM from Erika Christ to all panelists:
I follow Fairfax County handles on social media and therefore find out about these events, but many people may not. Would probably help to ask other orgs if they can share info about these public engagement events.

February 23, 2021 8:17 PM from Daniel Carey to all panelists:
Advertising the CECAP could be improved. (But I don't know how, specifically.)

February 23, 2021 8:17 PM from Ali Althen to everyone:
CECAP stands for Community-wide Energy and Climate Action Plan

February 23, 2021 8:17 PM from Sara Holtz to all panelists:
How do you plan to obtain input from youth/high school-aged residents?

February 23, 2021 8:17 PM from Brian Dooda to everyone:
OK. Thanks

February 23, 2021 8:18 PM from Gail Weary to everyone:
To encourage everyone in the entire county to participate by reaching out via notices in public places.

February 23, 2021 8:18 PM from Kim Young to all panelists:
agree about the choir. How do we engage others?

February 23, 2021 8:18 PM from Gail Weary to everyone:
Everyone might not have technology to participate

February 23, 2021 8:18 PM from Sonya Breehey to all panelists:
Pop up outreach events are a great idea. Meet people where they are.

February 23, 2021 8:19 PM from Flint Webb to all panelists:
We need to reach out to the business community more. Engage the chambers of commerce

February 23, 2021 8:20 PM from John Cross to all panelists:
It would be helpful to know how the past survey and the ongoing survey have been used or will be used by the Work Group

February 23, 2021 8:20 PM from Brian Dooda to everyone:
Agree about speaking to the choir comment. I'd like to hear some discussion about policy change and putting the screws to industry and not so much the individual.

February 23, 2021 8:21 PM from Ali Althen to everyone:
cecapoutreach@fairfaxcounty.gov

February 23, 2021 8:21 PM from Brian Dooda to everyone:
Union of Concerned Scientists is the bomb

February 23, 2021 8:21 PM from George Kralovec to all panelists:
Thanks to Michelle, Adam and Maya for this community outreach.

February 23, 2021 8:21 PM from Daniel Carey to all panelists:
How can we help YOU lobby the rest of Fairfax Co government?

February 23, 2021 8:22 PM from Brian Dooda to everyone:
[UCUSA climate link](#)

February 23, 2021 8:22 PM from Sara Holtz to all panelists:
Consider disseminating through high school clubs

February 23, 2021 8:22 PM from George Kralovec to all panelists:
yes

February 23, 2021 8:22 PM from Bob Brown to host & presenter:
Already did

February 23, 2021 8:22 PM from Marilyn Kupetz to all panelists:
Yes, already responded

February 23, 2021 8:22 PM from Daniel Carey to all panelists:
Already did the Energy survey

February 23, 2021 8:22 PM from Carol Abel to everyone:
yes

February 23, 2021 8:22 PM from Bryan Campbell to all panelists:
yes. all surveys

February 23, 2021 8:22 PM from Stiven Foster to all panelists:
yes

February 23, 2021 Yes	8:22 PM	from Kathy Walters to all panelists:
February 23, 2021 already did.	8:22 PM	from David Kaiser to all panelists:
February 23, 2021 Already did	8:22 PM	from Flint Webb to all panelists:
February 23, 2021 I did	8:22 PM	from Kim Young to all panelists:
February 23, 2021 Yes. I think I did already, actually.	8:22 PM	from Yasmin Shafiq to all panelists:
February 23, 2021 yes!	8:22 PM	from Suzanne Doherty to everyone:
February 23, 2021 Already responded	8:22 PM	from Sara Holtz to all panelists:
February 23, 2021 Yes	8:22 PM	from Sonya Breehey to all panelists:
February 23, 2021 You betcha.	8:22 PM	from Daniel Carey to all panelists:
February 23, 2021 Yes, already did	8:22 PM	from Marilyn Kupetz to all panelists:
February 23, 2021 yes	8:22 PM	from George Kralovec to all panelists:
February 23, 2021 will do!	8:22 PM	from Kim Young to all panelists:
February 23, 2021 have done so already	8:22 PM	from Bryan Campbell to all panelists:
February 23, 2021 Already did	8:22 PM	from Bob Brown to host & presenter:
February 23, 2021 yes	8:22 PM	from Prachi S to all panelists:
February 23, 2021 Done	8:22 PM	from Flint Webb to all panelists:
February 23, 2021 Shared it in my neighborhood	8:22 PM	from Sara Holtz to all panelists:

February 23, 2021 Sure	8:23 PM	from Kathy Walters to all panelists:
February 23, 2021 I can throw it on Nextdoor.	8:23 PM	from David Kaiser to all panelists:
February 23, 2021 Agree with Brian -- industry needs to be pushed. How about building codes?	8:23 PM	from Susan Bartram to all panelists:
February 23, 2021 There's one Thursday	8:23 PM	from Daniel Carey to all panelists:
February 23, 2021 yes	8:23 PM	from Flint Webb to all panelists:
February 23, 2021 Isn't it on Thrsday	8:23 PM	from Suzanne Doherty to everyone:
February 23, 2021 yes	8:23 PM	from Prachi S to all panelists:
February 23, 2021 yep	8:23 PM	from Erika Christ to all panelists:
February 23, 2021 thank you	8:27 PM	from Judy Neason to all panelists:
February 23, 2021 Thanks so much!	8:28 PM	from Marilyn Kupetz to all panelists:
February 23, 2021 thanks	8:28 PM	from Brian Dooda to everyone:
February 23, 2021 thank you!	8:28 PM	from Prachi S to all panelists:
February 23, 2021 Thanks	8:28 PM	from Sara Holtz to all panelists:
February 23, 2021 Thanks!	8:28 PM	from Erika Christ to all panelists:
February 23, 2021 Thanks	8:28 PM	from Bob Brown to host & presenter:
February 23, 2021 Thank you. Good night all.	8:28 PM	from Carol Abel to everyone:
February 23, 2021 Thank you!	8:28 PM	from Yasmin Shafiq to all panelists:

February 23, 2021
Thanks you!

8:28 PM

from George Kralovec to all panelists:

February 23, 2021
Thanks

8:28 PM

from Gail Weary to everyone: