

Thanks for registering for

# Save Big with Home Energy Assessments, Insulation and Draft Sealing

7 pm Tuesday, Dec. 7, 2021

We enjoyed a great evening of learning with Home Energy Assessment professionals Mike Jackman, Aron Dalton, and Dion Hackett, as well as a Community Energy Coach from the Clean BC Better Homes Program.

Please find the [recorded video here](#) and the chat [below](#).

This public event was hosted by the Transition Salt Spring Climate Action Coach program.

### Links:

TSS Climate Action Coach Program: <https://transitionsaltspring.com/cac-woodstove-exchange/>  
Wood Stove rebate waitlist: <https://form-can.keela.co/woodstove-rebate-waitlist>

For those who attended the webinar live. Special offer of 10% off weatherstripping products at Mouat's Home Hardware before Dec 15. Email Rob or Maia for the discount code: [climatecoach@transitionsaltspring.com](mailto:climatecoach@transitionsaltspring.com)

For further questions related to the rebates and your renovation plans, please reach out to the energy coach service directly at <https://betterhomesbc.ca/connect/> or call 1-844-881-9790

The regional Bring it Home 4 Climate program offers a variety of handy resources for CRD residents to learn more about different energy efficiency upgrades. <https://bringithome4climate.ca/>

They have a few great consumer guides such as the HRV guide <https://bringithome4climate.ca/wp-content/uploads/2020/07/Fresh-Air-Heat-Recovery-Ventilator-July-2020.pdf>

Thankfully we have two advisors right here on Salt Spring Island serving the islands! Go to City Green or Greener Homes BC to get set up with an appointment.

Greener Homes BC: <https://greenerhomesbc.ca/>. CityGreen: <https://www.citygreen.ca/>

<https://transitionsaltspring.com/> This year you can give the gift of local climate action to someone you love. Give to TSS and we will send a card in your name to those you choose.

Copy of Sam's presentation slides for reference.

<https://drive.google.com/file/d/18bWe4zylo6ap8Nu1e8trv30dD-A7WeOV/view?usp=sharing>

### **Chat Questions and Answers:**

Elisa to Everyone:

Would this be the time & place to find out about a heat exchange ventilator?

From Seamus McKeating to Everyone:

yes

From Elisa to Everyone:

Dion, have you heard that an old house without a vapour barrier can add a lime or earthen plaster layer to the inside of external walls to accomplish the same thing (among other benefits)?

From Dion Hackett to Everyone:

Thanks Elisa, to answer your question earthen plaster and lime interior wall finishes are not in my wheelhouse however there are non-permeable paints that effectively mitigate the vapour drive through the wall assembly

From Elisa to Everyone:

that's a great shame as it cost me over \$700 and the rebates were inscrutable.

From Maia Carolsfeld to Everyone:

Do the provincial grants you described before apply to renters/ landlords unlike the greener homes grant?

From Elisa to Everyone:

Would any of our experts be able to speak to fresh air intakes for woodstoves? given our damp climate, what's best?

From Bryan Young to Everyone:

Hey Dion or other expert folks, can you talk a bit about how HRVs (heat recovery ventilators) could be useful here, or other strategies to get fresh air into a wood-heated house?

From Dion Hackett to Everyone:

I can not say enough about the efficacy of Heat recovery ventilation systems - why would we reject conditioned air to the outside without extracting the energy from it. As well we are all chanting the mantra of airtightness and yet we need to be cognizant of what we are doing when we tighten up a home and when we look to the home as a system we affect the whole home ie. What happens if you burn wood and or utilize gas-fueled HWT, HRVs remedy this problem of airtightness - and you may ask why the tightness? Well, it comes down to energy efficiency the air barrier is a critical aspect of the wall assembly.

From Sam (Community Energy Coach) to Everyone:

As Dion mentioned, when tackling air leakage it is important to consider indoor air quality. To understand how different upgrades can impact one another take a look at this guide:

[http://www.homeperformance.ca/wp-content/uploads/2020/02/202002\\_HPSC\\_HASS\\_InfoSheet.pdf](http://www.homeperformance.ca/wp-content/uploads/2020/02/202002_HPSC_HASS_InfoSheet.pdf) The house as a system concept is very important when planning multiple upgrades.

From Larry to Everyone:

Who can I contact to get an Energy Assessment of my house here on Salt Spring? I tried contacting the energy advisors listed for our area on the Canada Greener Homes Grant and none were available to come to Salt Spring.

From Rob Lowrie to Everyone:

Greener Homes BC is one company you can go to .. so Mike whose talking right now.

From Bryan Young to Everyone:

Thanks for the question Larry! Thankfully we have two advisors right here on Salt Spring Island serving the islands! Go to City Green or Greener Homes BC to get set up with an appointment. Know that the whole energy advisor industry is JUST getting going again, so there is a wait for an appointment for sure. You really do need to register ahead with the Greener Homes Grant Program. It is a bit of work, but works well once you're in! Greener Homes BC: <https://greenerhomesbc.ca/>. CityGreen: <https://www.citygreen.ca/>

From Sam (Community Energy Coach) to Everyone:

I recommend checking with the search tool on cleanbc often as this tool is being updated all the time with new energy advisors: <https://betterhomesbc.ca/ea/>

From Adam Huggins to Everyone:

We have the same issue on Galiano - can't get anyone to come out.

From Millson to Everyone:

Just to clarify - Greener Homes BC is under that Federal Energy Advisor umbrella as "Ridge", so can be used for SSI! It was/is very confusing on the federal grant registration front.

From Shahin Arvandi to Everyone:

Not just energy efficiency but also comfort will be considered during a home energy evaluation.

From Maia Carolsfeld to Everyone:

A common question I have heard is whether upgrades need to be installed by a contractor or if there are some upgrades that can be done DIY. Any comment on this? Also, can you elaborate on the term 'Home as a system'?

From Candace Snow to Everyone:

If you have a heat pump already, how difficult is it to change your water heater over to the heat pump?

From Sam (Community Energy Coach) to Everyone:

Hi Candace, generally heat pump water heaters are their own self-contained system. While there are some systems designed to work with a heat pump used for space heating you will more often see these systems as a stand-alone water heater. Useful FAQs on heat pump water heaters here: <https://betterhomesbc.ca/products/what-are-heat-pump-water-heaters/>

From Bryan Young to Everyone:

Candace, I am looking at a heat pump water heater too from Rheem. The savings are huge. A bit of noise from the compressor, and a tiny bit of cold gets thrown back into the basement or house, but the incentives are great!

From Sam (Community Energy Coach) to Everyone:

also \$1,000 available from CleanBC for heat pump water heaters

<https://betterhomesbc.ca/rebates/electric-heat-pump-water-heater-rebate/>

From heather to Everyone:

You can also duct the air from the water heater heat pump from/to the outdoors

From Bryan Young to Everyone:

That is a great tip, Heather!!

From Sam (Community Energy Coach) to Everyone:

While not required, heat pump water heaters are ideally located in partially unconditioned spaces such as a garage or unheated crawlspace. In your regular mechanical room is also fine and won't impact your home's heating but these are the most ideal locations when installing. Of course, always check in with your plumber or heat pump installer to determine the best location for your heat pump water heater

From Elisa to Everyone:

thanks for the answers! is solar hot water featuring at all?

From Millson to Everyone:

So to clarify BC grant works have to be completed within 6 months of survey, or is it just the claim for the survey refund only has to be in within 6 months?

From Kate Cooper to Everyone:

You have covered a ton of great options for updating an older home. Am I correct in understanding that the \$5000 rebate is total possible combined for the provincial and federal programs and once used up does not replenish?

From Kate Durant to Everyone:

Will the wood stoves be retroactive? We just installed one!

From Bryan Young to Everyone:

Sorry Kate, but no! :-( We are trying to encourage brand new activity!

From heather to Everyone:

make a submission to the gas royalty review to stop fossil fuel subsidies!

<https://engage.gov.bc.ca/royaltyreview/>