



City of Port Moody

Minutes

Climate Action Committee

Minutes of the meeting of the Climate Action Committee held on Monday, October 25, 2021 via Zoom.

Present

Councillor Meghan Lahti, Chair
Helen Howes
Mike Kasuya
Shelley Moore
Aidan Trerise
Derek Wilson

Absent

Councillor Amy Lubik, Vice-Chair
Elaine Golds
Adam Janis (Regrets)
Poopeh Morakkabati

In Attendance

Arzan Balsara – Sustainability and Energy Coordinator
Kelsey Guenette, Recording Secretary, Raincoast Ventures
Laura Sampliner – Senior Sustainability and Energy Coordinator

Also In Attendance

Patrick Breuer, Plug in BC EV Advisor (re item 4.1)
Michael Stanyer, Plug in BC EV Advisor (re item 4.1)
Balakrishnan Venkata, Fleets Program Research Analyst,
Fraser Basin Council (re item 4.1)

1. Call to Order

Call to Order

- 1.1 The Chair called the meeting to order at 7:00pm.

2. Adoption of Minutes

Minutes

2.1 CAC21/018

Moved, seconded, and CARRIED

THAT the minutes of the Climate Action Committee meeting held Monday, September 27, 2021 be adopted.

3. Unfinished Business

4. New Business

Introduction of New Sustainability and Energy Coordinator

4.1 Arzan Balsara, Sustainability and Energy Coordinator

The Senior Sustainability and Energy Coordinator introduced the new Sustainability and Energy Coordinator and advised that they would be the alternate staff liaison for the Committee.

Electric Vehicles in British Columbia

4.2 Presentation: Patrick Breuer, Plug in BC EV Advisor, and Balakrishnan Venkata, Fleets Program Research Analyst, Fraser Basin Council

Patrick Breuer, Michael Stanyer, and Balakrishnan Venkata gave a presentation on Introduction to the Electric Life, and the following was noted:

- the Emotive Campaign is part of a suite of programs offered under the CleanBC electric vehicle program;
- electric vehicles are fun and powerful, reduce emissions, and lower the total cost of ownership;
- types of electric vehicles available include Plug-in Hybrid, Battery Electric, and Fuel Cell;
- the CleanBC Go Electric suite of programs includes easy rebates for vehicles at the point of sale;
- BC Hydro offers related rebates including, \$2,000 per charging station for multi-residential buildings and workplaces; infrastructure rebates of \$350 for installing a charging station in a single-family home; and a fleet charging rebate of \$2,000 per charging station;
- BC Hydro fast charging station rebates for businesses depend on the type of station; and
- the Electric Vehicle Ready Plan administered by BC Hydro through Plug In BC, includes a 75% funded study for applicants and covers 50% of expenses, including up to \$3,000 to determine the required infrastructure and up to \$600 per parking stall at the building.

The Committee noted the following in discussion:

- an electric vehicle booth could be included at the next Golden Spike Days Festival;
- staff could ask Emotive to participate in future Port Moody Car Free Day;
- Tesla superchargers use varies depending on the vehicle model and charger type;
- in BC, 10% of new vehicle sales in 2021 were electric, which is a greater percentage than other provinces in Canada;

- charging station incentive programs typically require stations to be “network” stations to report maintenance and availability for users searching for a station; and
- electric vehicles charge more efficiently at lower battery levels.

Sustainable Building Practices Subcommittee Update

4.3 Sustainable Building Practices Subcommittee

The Sustainable Building Practices Subcommittee provided an update, and the following was noted:

- the Subcommittee has met six times to review relevant literature and case studies, consult industry and academic experts, and consult with the Senior Sustainability and Energy Coordinator;
- the Subcommittee’s recommended sustainability criteria compares mass timber with concrete construction during pre-construction, construction, post-construction, operations, and other criteria;
- the Subcommittee’s recommendations strive to outline the benefits to both mass timber and concrete construction; encourage the use of mass timber where possible; and highlight the opportunity to develop embodied carbon targets for proposed buildings to meet;
- the mass timber industry favours younger trees over old growth, which will protect old growth forests and keep the industry sustainable; and
- the Subcommittee recommendations suggest that Portland Limestone Concrete be used for construction until embodied carbon targets can be developed as it has a lower carbon emission.

Update on the Sustainability Checklist

4.4 The Senior Sustainability and Energy Coordinator gave a presentation on the Sustainability Checklist Report Card, including information about the purpose of the Report Card, committee feedback themes, overview of recommended changes, environmental sustainability section changes, and project timeline.

Action: The Senior Sustainability and Energy Coordinator to email the relevant sections of the Sustainability Checklist Report Card to the Committee for review.

5. Information

CleanBC Community Webinar

- 5.1 What: Considering a Heat Pump - Free Webinar (1hr + Q&A)
When: November 24, 2021 at 7:00pm (open to everyone)
Where: Zoom - Register in advance for this meeting:
<https://us02web.zoom.us/meeting/register/tZAtd-2qgiktGd3oOpVNWqPaEZNAV2N6HScT>

Heat pumps are the most efficient, and climate-friendly, heating and cooling system on the market today. Join friends and neighbours in this webinar and learn what heat pump is, the benefits of heat pumps, how to find a program registered contractor and what rebates, financing offers and supports are available to help you upgrade your heating system.

Did you know?

- There are up to \$6,000 in rebates from the CleanBC Better Homes and Home Renovation Rebate Program when installing a heat pump. There are rebates available for upgrading from electric, natural gas, oil, propane, and wood to a heat pump.
- That in many communities there are local government top up rebates available for heat pump upgrades.
- There are rebates available for upgrading from electric baseboards or furnace to a heat pump.
- There is a Heat Pump Group Purchase Rebate that allows you to access more rebates by joining a group of community members who are also buying a heat pump.

The webinar will be approximately 1-hour long followed by a short Q&A period. To attend, you must register. It will be presented via Zoom, a virtual meeting platform. You will receive an automatic confirmation email upon registration and a reminder one day prior.

Space is limited so make sure to register early!

Note: A recorded version of the webinar will be made available soon for those unable to attend the live webinar. Please register for the live webinar to receive the recording.

This webinar is offered by the CleanBC Community Energy Coach Program. The Community Energy Coach program is designed to work with civic and community organizations to:

1. Support community-based promotion and engagement of the CleanBC Better Homes programs to build awareness of home energy improvement and fuel-switching opportunities.

2. Support the implementation of Heat Pump Group Purchase Rebate initiatives in your community.
3. Provide outreach and engagement support at virtual public events and workshops.


If you have questions about this webinar or for more information on engaging a community energy coach or to get started with accelerating retrofits in your community, contact CEC@betterhomesbc.ca.

This webinar is hosted in partnership with the City of Port Moody.


This item was provided for information only.

6. Adjournment

The Chair adjourned the meeting at 8:35pm.



Councillor Meghan Lahti,
Chair



Kelsey Guenette,
Recording Secretary