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THE MUNICIPALITY OF THE VILLAGE OF LIONS BAY

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**CLIMATE ACTION COMMITTEE MEETING  
OF THE VILLAGE OF LIONS BAY  
HELD ON WEDNESDAY, JANUARY 12, 2022 at 7:00 PM  
COUNCIL CHAMBERS, 400 CENTRE ROAD, LIONS BAY  
VIA ZOOM VIDEO CONFERENCE**

To join the meeting, click here: <https://us02web.zoom.us/j/82420689534>  
To join by phone, dial 778 907 2071 and enter Meeting ID: 824 2068 9534

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**AGENDA**

1. **Call to Order**
2. **Appointment of Recorder**
3. **Approval of the Agenda**  
THAT the agenda be adopted, as submitted.
4. **Public Questions & Comments**
5. **Approval of Minutes**
  - A. Minutes from the November 22, 2021, Climate Action Committee Meeting (page 2)  
THAT the November 22, 2021, Climate Action Committee Meeting Minutes be approved, as circulated.
6. **Business Arising from the Minutes**
7. **Unfinished Business**
8. **New Business**
9. **Public Questions & Comments**
10. **Adjournment**
11. **Next Meeting - TBD**



THE MUNICIPALITY OF THE VILLAGE OF LIONS BAY

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**CLIMATE ACTION COMMITTEE MEETING  
OF THE VILLAGE OF LIONS BAY  
HELD ON MONDAY, NOVEMBER 22, 2021 at 7:00 PM  
COUNCIL CHAMBERS, 400 CENTRE ROAD, LIONS BAY  
VIA ZOOM VIDEO CONFERENCE**

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**MINUTES**

IN ATTENDANCE: Clara George, Norman Barmeier, Greg Weary, Christina Lee, Jaime Cunliffe, Ruth Simons, Jon Povill.

STAFF: None

PUBLIC: 2

- 1. Call to Order @7:04**
- 2. Appointment of Recorder – Cllr. Barmeier**
- 3. Approval of the Agenda**  
THAT the agenda be adopted, as submitted.
- 4. Public Questions & Comments**

HYS correspondence to be forwarded to balance of CAC from Cllr. Abbot, provided comments on the HYS results. Commentary on interpretation of comments related to HYS ensued.

- 5. Approval of Minutes**
  - A. Minutes from the November 2, 2021, Climate Action Committee Meeting**  
THAT the November 2, 2021, Climate Action Committee Meeting Minutes be approved, as circulated.
- 6. Business Arising from the Minutes**
- 7. Unfinished Business**
  - A. Solar Panels – J. Povill**

Redundancy on back-up with solar was discussed. ROI models were discussed for the 3 solar panel scenarios. Could it be pitched as an emergency back-up service and possibly open up grants for

## Minutes – Climate Action Committee Meeting – November 2, 2021

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us. A presentation to council and staff on wholistic education around solar panels. An education step is required. CAC to recommend a solar education piece as one of the strategy session asks. Could partner with a University as a research project for solar conversion.

Accept Jon P report for information.

CAC recommends to council to take steps on Option 2 and 3 with an amendment to include education for staff and council, including a wholistic approach to storage of solar power as emergency back-up. - CARRIED

**B. ranking and budgeting of CAC initiatives for the upcoming council strategy session**

- i.** Renewable diesel – 90% GHG reduction on our biggest emissions point for ~\$6,000. City of Vancouver has adopted this.
- ii.** Purchasing policy – staff time
- iii.** Plan to zero emissions – road map – *resource = staff time would this need consultants could we start with city studios?*
  - Phased approach to zero emission integration – city studios
- iv.** EV chargers – already have \$25K budget; we need more. This also brings electricity to community spaces that could offset diesel generators. Increase budget to realize 25% village contribution. Need to future proof for next round of grants.
- v.** Community hall retrofits – longer term scope of work development. – *resource = staff time for scope, pricing, and life cycle analysis?*
  - Oil heating replacement – does not qualify for renewable diesel.
  - Commit staff and council to an education session around solar panel integration as a wholistic energy and back-up solution. – *resource = staff time/council time*
  - Community hall fireplace replacement
- vi.** Methane capture – longer term technical investigation?
- vii.** Feeding back to grid
- viii.** Electrification of existing ICE's before they age out; or as leases come up.
- ix.** Ice stuppas
- x.** Transfer station – limited resource ask, high short term success

Longer term strategy

Short term executable

North Vancouver is doing a green power integration study, which could work for Lions Bay. Wholistic report. Need a willingness to work with an academic partner. City studio program. JP may have a volunteer in mind.

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Would need to clarify if this is within existing operating budgets or if the operating budget would need to be expanded to cover.

Renewable diesel could be supplemented by other sources? Fundraise or donate? Liquid petroleum fuel is our biggest GHG emission, renewable diesel could provide a significant GHG reduction. Quantify? Total budget increase is roughly \$6,000, translates into roughly \$12/house on average. 90% GHG reduction over fossil fuels. City of Vancouver is using this to hit their GHG reduction targets.

Transfer station could function as a waste vegetable oil collection point to sell and offset cost of renewable diesel?

Waster removal company may provide revenue stream from recyclables.

Green building fund eligibility needs to be revisited?

What grants are available for oil furnace replacement grants. Would a contractor know? BC Hydro has some grant opportunities.

#### C. Greg Weary – Natural Asset Management

Wildfire and landslide hazards enhanced by climate change and impact it will have on our watershed. Many attempts to get current state data from staff. How does the CAC get required documentation to support establishing current baseline.

CAC recommend to council that staff provide baseline data to inform watershed management strategy. – CARRIED.

Soft plastic, pink bin discussed. Further discussion on waste management improvements.

Move to table balance of agenda to next CAC meeting.

#### D. Cllr. Cunliffe – waste transfer station update

### 8. New Business

- A. Air Quality Sensors
- B. Methane capture – Kelvin Grove WWTP

### 9. Public Questions & Comments

Watershed management documents should be public information already and available through village website.

Discussion on solar ensued including technical opinion on battery storage and ROI. Point of education session should inform staff and council.

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**10. Adjournment @8:44pm**

**11. Next Meeting – January 12<sup>th</sup> 2022 – 7pm**