



Transformation Through Resilience: Energy Sovereignty, Self-Determination and Building Community Resilience

Monday November 26th 8:30 am - 4:30 pm

Plaza Ballroom / 2nd Floor, Hyatt Regency, Vancouver

Objectives:

1. To help build energy sovereignty through building capacity in First Nations to do small clean energy projects within their communities in order to become grid independent, to get off diesel, and to reduce electricity costs and work towards climate action.
2. To become self-determining in clean energy by utilizing opportunities that are available at the present time (i.e. Net Metering, powering community buildings through clean energy, etc.)
3. To share knowledge between First Nations on experiences and lessons learned in small energy projects.
4. To contribute to decreasing Green House Gases within the community by utilizing clean energy and contributing to Climate Action. Community resilience will be built by having clean energy and not having to worry about natural disasters and being disconnected from the grid.

Judith Sayers will Chair the Workshop

First Nation Welcome: Dennis Thomas from the Tseil-Waututh Nation

Welcome from Clean Energy BC: Jae Mather, Executive Director



8:30 to 9:30 am – Panel #1

Opening Plenary: Where are we?

- Judith Sayers will host a round table discussion. She will begin the panel by talking about the current lack of opportunity to build larger projects for economic development purposes. She will have First Nations share where they are in their proposed projects. Questions will include: Does anyone have an EPA? Agreement with BC or BC Hydro? What is needed to complete the project(s)? How much have First Nations expended? Who is focused on small projects? Are there any issues or barriers?
- Judith will be asking certain First Nations to take the lead in beginning the discussion: Tla-o-qui-aht, Toquaht, Quastino, Gitanyow, and Jae Mather with industry perspective

The following panels will focus on how-to's, including what the necessary resources are, what the costs may be, how to build the capacity locally, potential issues and successes, and lessons learned.

9:30 to 10:30 am – Panel #2

How to do a Solar Project: From picking location, kinds of panels, installing panels, estimating costs and revenues

With **David Isaac from W. Dusk Energy**

10:30 to 10:45 am – Morning Break

10:45 to 11:45 am – Panel #3

Leading the Way: Taking energy planning to action in the Kwadacha Nation

Presenters: Areef Abraham, President of Community Power and Janna Janzen, Director of Community and Funding Relations at Community Power

Kwadacha Nation's integrated approach to energy planning has resulted in a dramatic 10% consumption decrease per year and created a meaningful difference to the community through job creation and warmer, more comfortable housing.



By pairing Demand Side Management with community renewable power investments, this community has demonstrated how reducing energy waste improves the business case for local energy supply and leads to real savings. Kwadacha Nation's visionary leadership has provided a model for other communities and illustrates that energy solutions need to reflect community-specific goals and be developed from the ground up.

This presentation will:

- Examine Kwadacha Nation's story of how their combined biomass power generation and community energy efficiency planning delivered measured results;
- Look at the role of Kwadacha Nation leadership in championing energy efficiency for this community and working directly with funding bodies to secure development resources;
- Explore the benefits to the community using this approach, including better housing and increased job opportunities;
- Discuss how traditional silo-ing of renewable power and energy efficiency projects decreases effectiveness and increases implementation costs;
- Provide specific recommendations for energy planning using a paired approach of renewable energy projects and demand side management programs.

11:45 am to 1:00 pm – Lunch & Networking

1:00 to 2:00 pm – **Spotlight on First Nation: Kanaka Bar**

Chief Patrick Michell and Zain Nayani will do a presentation on small energy production and why Kanaka is doing them – Energy self-sufficiency, breaking dependency, reducing operating costs to zero, keeping the lights on while the BC Hydro grid is down, building capacity, creating social return on our investments, etc.

Alevtina Akbulatova from BC Hydro will present on the Net Metering program: What it is, how to apply to the program, and any conditions to meet.



2:00 to 2:45 pm – Panel #4

Efficiency of Heat Pumps: How-to, what kind of pumps, installations, and return on investment-effectiveness

With:

Trevor Moraes, Deputy Chief Councillor, Skidegate Band

Amy Seabrooke, Program Manager, Conservation & Energy Management, BC Hydro

2:45 to 3:30 pm – Panel #5

Funding Sources for Small Projects

With:

Nairn Albrecht, Senior Policy Analyst, Community Energy, Community Clean Energy Branch, British Columbia Ministry of Energy, Mines and Petroleum Resources

Cheri-Ann MacKinlay, NRCAN

David Russell, ISC, Director Lands and Economic Development

Doug Bourke, BMO, VP Aboriginal Banking-BC Yukon

3:30 to 4:15 pm – **Spotlight on Partnerships:** Yuho Okada of Barkley Project Group will be speaking about the many forms of partnerships that they have utilized in their work with First Nations.

4:15 to 4:30 pm – **Wrap up by Judith Sayers and summary of the main points and actions**

Closing comments from Jae Mather

If you have any further questions, please contact anitra.paris@cleanenergybc.org