

MICROGRID KNOWLEDGE™

2023 CONFERENCE

LIGHTS ON!

May 16-17, 2023 | Anaheim, CA

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Lummi Nation Strategic Energy Planning around Microgrid Technology

Sean Lawrence MBA,
Director of Lummi Nation Office of Economic Policy

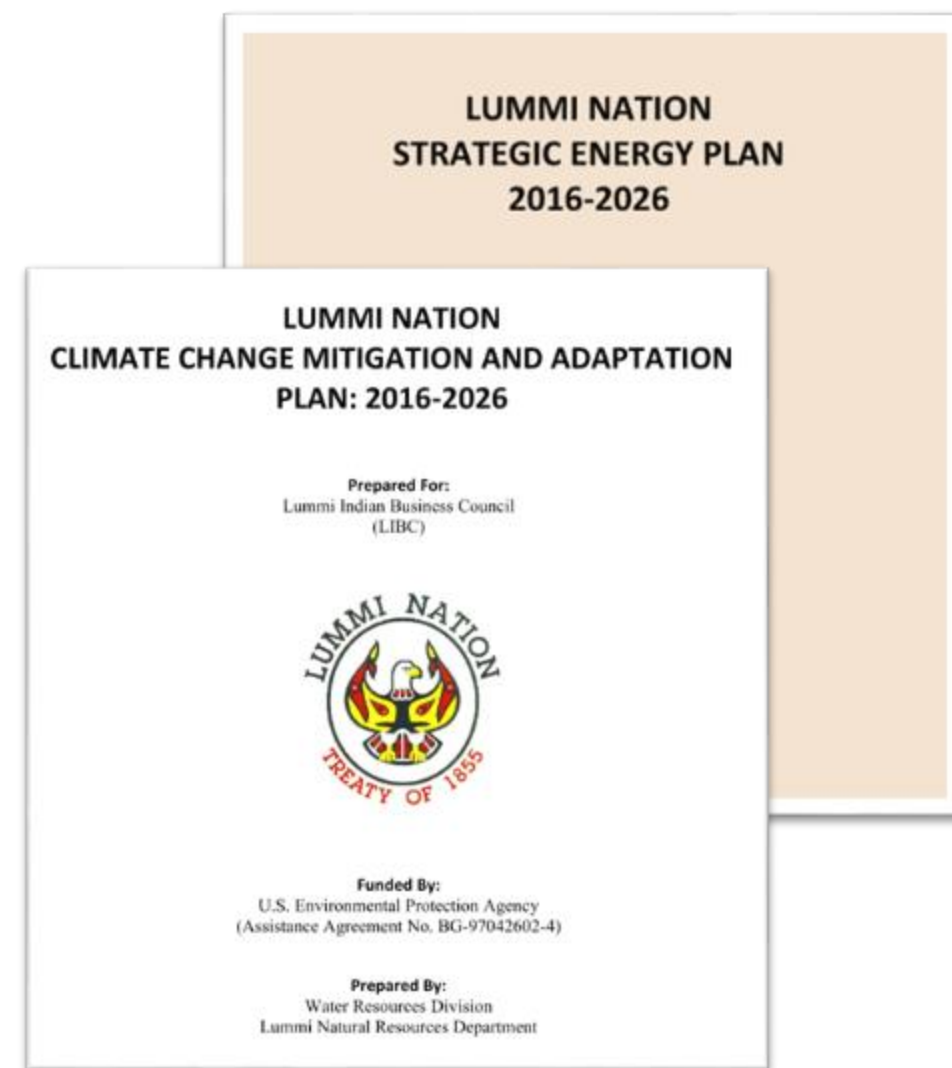


Stephanie Bostwick MSAA
Engineering Department Head Northwest Indian College



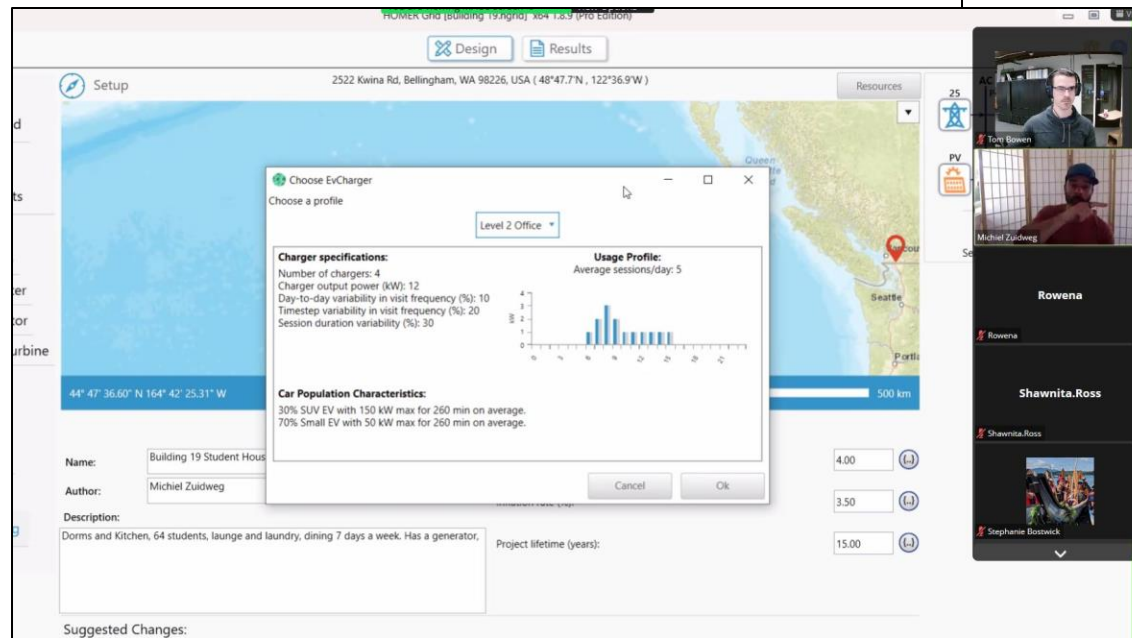
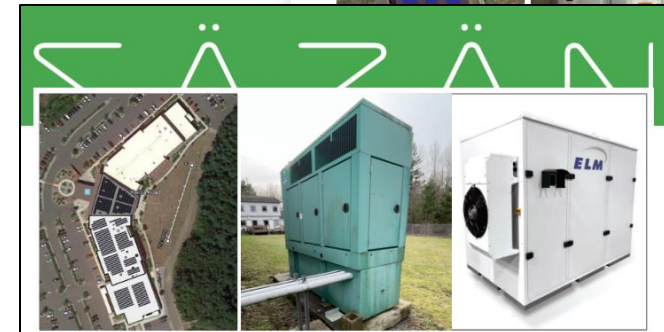
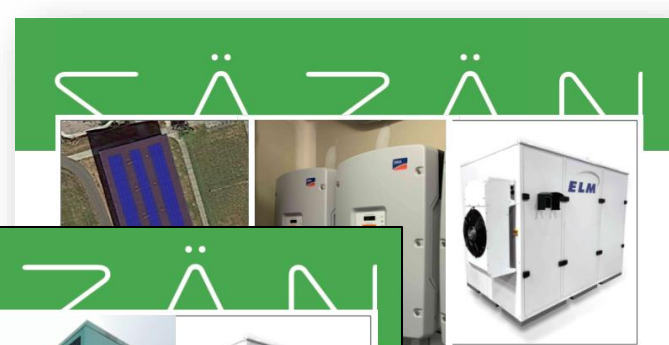
Laying the Groundwork

- Lummi Indian Business Council Mission
“Working together to Preserve, Promote and Protect our Sche Lang en”
- Climate Change Mitigation Plan
- Strategic Energy Plan
- Energy Taskforce
- Community engagement and leadership buy-in
- Partnerships; Northwest Indian College



Study and Learn

- Two big feasibility studies in tandem
- Fully integrated student interns
- Build community knowledge and workforce skills



Tribal Funding and Ownership

- WA Department of Commerce, Solar + Storage
- DOE Clean Energy Deployment on Tribal Lands
- Private grant funds
- Grants available for feasibility studies
- Tailor study reports for priority grants

The screenshot shows the Washington State Department of Commerce website. At the top, there is a navigation bar with the department's logo and three menu items: 'Serving Communities', 'Building Infrastructure', and 'Growing the Economy'. Below the navigation bar, the page title is 'Solar plus Storage - Washington State Department of Commerce'. The main content area features the large, bold text 'Solar plus Storage for Resilient Communities'.

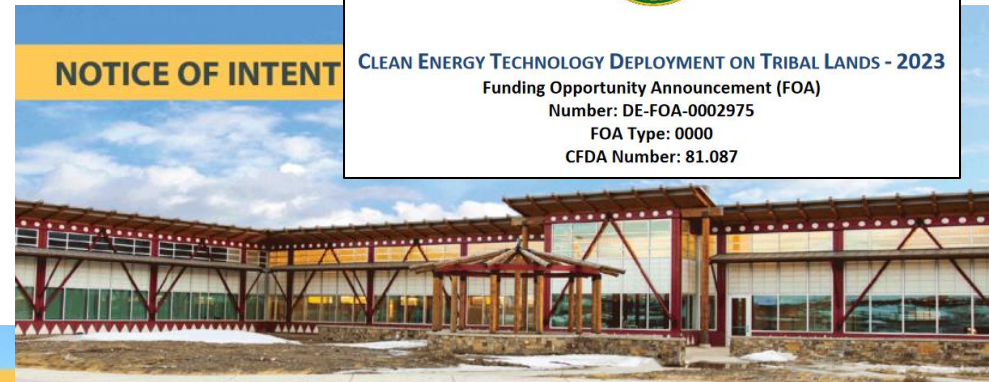
Organization	Program Name	Grant / Incentive Amount	Eligibility	Timeline
Washington State Department of Commerce	Clean Energy Fund - Energy Efficiency and Solar Grants Program	50% cost-share	Y	Expected Spring 2023 deadline
WA Department of Commerce	Clean Energy Fund - Grid Modernization	\$150,000 for 'Track 1' Grants	Y	TBD
U.S. Bureau of Indian Affairs	Tribal Climate Resilience Grants	\$150,000	Y	TBD
Honnold Foundation	Community Fund - Core Grant	\$30,000 - \$100,000	TBD	TBD
U.S. Department of Agriculture	Rural Energy for America Program (REAP) - Energy Audit and Renewable Energy Development Assistance Grants	Grant up to \$100,000	Y	Expected 2023 deadline in January
GRID Alternatives	Tribal Solar Research Internship	Stipend for each Intern Up to \$1250	TBD	31-Aug-22
U.S. Office of Energy Efficiency & Renewable Energy - Building Technologies Office (BTO)	Advance Building Construction with Energy-Efficient Technologies & Practices (ABC)	Grant	Y	TBD
U.S. Bureau of Indian Affairs	Grant to Build Tribal Energy Development Capacity	Grant	Y	2023 deadline TBD
U.S. Department of Energy	Energy Infrastructure Deployment on Tribal Lands	Grant	Y	2023 deadline TBD
GRID Alternatives	Tribal Solar Accelerator Fund	Provides funding to tribes to install solar on solar ready structures	Y	TBD
U.S. Department of Agriculture	Community Facilities Direct Loan & Grant Program	Direct loan, grant, or a combination of the two	Y	Applications accepted year round
U.S. Department of Agriculture	Rural Community Development Initiative Grants	Grant between \$50,000 and \$250,000 with matching funds	TBD	Expected Spring 2023
Indian Land Tenure Foundation	Economic Opportunity Grants	Grant	TBD	Ongoing
U.S. Department of Energy	Office of Indian Energy Technical Assistance	Technical Assistance, Financial Assistance, and Strategic Energy Planning	Y	Ongoing
U.S. Department of Agriculture	Community Facilities Technical Assistance and Training Grant	Grant up to \$150,000	Y	Applications not currently being accepted



CLEAN ENERGY TECHNOLOGY DEPLOYMENT ON TRIBAL LANDS - 2023
Funding Opportunity Announcement (FOA)
Number: DE-FOA-0002975
FOA Type: 0000
CFDA Number: 81.087

Tribal Funding and Ownership

- New funding landscape over recent years
- Investment Tax Credit, Grants, and PPAs
- Tribes can retain ownership over large systems
- Energy Sovereignty and Tribal Utilities



2020	CARES
2021	American Rescue Plan Bipartisan Infrastructure Law
2022	Inflation Reduction Act

Project Phases

- Community Involvement
- Study/Design
- Construction



Lummi Indian Business Council
Public Works Department
2665 Kwina Road, Bellingham, WA 98226

REQUEST FOR PROPOSALS
SOLAR SYSTEMS DESIGN, PROCURE, AND INSTALL

April 11, 2022

