

## **Summary of 2019 Energy Efficiency Education Grant Recipients**

Organization	Project Name and Description	Area Served
Alberta Council of Disability	Leading Energy Efficiency in the Community Disability	Alberta
Services	Services Sector	
	The project aims to give communities throughout Alberta	
	the expertise to evaluate their businesses and homes for	
	potential efficiencies and make informed decisions based	
	on proven audit methods, economic analysis, and based on	
	their specific geographic situations.	
Alberta Native Friendship	Indigenous Energy Efficiency Champions	Alberta
-	The ANFCA is hosting four "Indigenous Energy Efficiency	
,	Champions" conferences with Friendship Centres	
	in Bonnyville, Edson, Slave Lake and Pincher Creek.	
	Attendees will learn about renewable energy, energy	
	efficiency, receive a take-home energy efficiency toolkit	
	and will share a teaching with others in their community	
	following the conferences completion.	
Alberta Tomorrow	Simulating the Benefits of Energy Efficiency and	Alberta
Foundation	Renewables using the Alberta Tomorrow Land use	Aiberta
loundation	Simulation Tool	
	Alberta Tomorrow Foundation will develop separate levers	
	for shifts in the energy mix towards renewables, along with	
	lesson plans to accompany.	
All One Sky Foundation	Energy Saving Cafés	Edmonton
All Offe Sky Foundation	Energy Saving Cares Energy Saving Cares offer a new, innovative format for	Edinoniton
	communities to engage with energy locally, with a goal to	
	combat energy poverty and promote energy efficiency and	
Auricha Cambus Casistu	conservation through education and advice.	Coloomy and
Arusha Centre Society	Motivating and Measuring the Efficiency Movement	Calgary and
	The funding will provide entertaining, experiential energy	surrounding areas
	efficiency programming such a bike generators and	
	midway-styled games that offer lasting experiences at	
	numerous community events.	
Battle River Watershed	Finding Common Ground: Our Energy Efficiency	Central Alberta
Alliance Society	Local leaders will learn about the energy sector and how	
	renewables and energy efficiency can save them and their	
	organizations money while helping the environment. These	
	leaders will become certified Energy Ambassadors and will	
	share their experience with their community.	
Biosphere Institute of the	Leveraging Participatory Learning to Build an Energy	Canmore and
Bow Valley	Efficient Canmore	surrounding area
	The Biosphere Institute of the Bow Valley	
	(BIBV) will leverage a novel, participatory education model	
	to guide a series of energy efficiency workshops for	
	residents and local businesses in Canmore.	
Canada Green Building	Getting to Zero: Equipping Alberta Trades with Skills for	Alberta
Council	the Future	



	Getting to Zero aims to increase low carbon building	
	capacity for trade workers in Alberta by convening partners	
	to produce a mini Alberta version of the Trading Up report	
	and disseminating the report at an in-person event	
	promoted across Alberta.	
Canadian Parks and	Energize: Educating and Inspiring Energy Efficiency	Southern Alberta
Wilderness Society (CPAWS)		
Southern Alberta Chapter	CPAWS will infuse energy efficiency curriculum into all	
	current CPAWS Southern Alberta educational programming,	
	develop a CPAWS Action Challenge initiative specific to	
	energy efficiency and develop an adult energy efficiency	
	workshop.	
Career and Technology	Creating Youth Leaders in Green Building and Design	Calgary
Centre at Central Memorial	Calgary students will be immersed in green building	,
High School	technology projects, hosting forums and attending	
	conferences related to the green building and energy	
	efficiency.	
City of Edmonton		Edmonton
on, or comoniton	Over the course of the year-long pilot the City of Edmonton	
	will develop the pilot program, recruit and train about 30	
	volunteers and support them in their outreach work over	
	approximately three	
	months.	
City of Grande Prairie	Grande Prairie Community Energy Engagement	Grand Prairie
city of Grande France	The project will deliver information sessions on energy	Grand France
	efficiency, collect baseline data to understand the energy	
	literacy within the community, develop recommendations	
	based on the findings, and design an implementation	
	strategy to assist the City with delivering an energy	
	efficiency program.	
City of Bod Door		Red Deer
City of Red Deer	Multi-Sector Energy Efficiency Education in Red Deer The City will create a program aimed at reducing energy use	
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	in two sectors: residential rental buildings and commercial	
	buildings, with a focus on small businesses, non-profit	
	agencies, and faith groups. This will include hands on	
	training and education tailored for each audience.	A 11 .
	Data Mining and Machine Learning	Alberta
(DE Canada)	Develop and deliver a course on efficiency datamining and	
	machine learning. The course will focus on identifying	
	opportunities for energy efficiency and the greenhouse gas	
	emissions reductions using cutting edge tools.	
Earth Rangers	,	Alberta
	The Earth Rangers Energy Conservation Missions Project	
	will engage children living in Alberta and their family	
	members to take actions at home that help to reduce their	
	greenhouse gas emissions.	
ECO Canada	Indigenous Leadership in Energy Management	Alberta



	The focus of the project is to build Indigenous leaders through applied energy efficiency training programs	
	and assist partner Indigenous communities with economic	
	development through renewable energy projects and	
Fundana and Lathbaldes	targetable GHG reduction.	Lathhada a
Environment Lethbridge	Small Business Energy Efficiency Program  Through the program, Environment Lethbridge will help	Lethbridge
	businesses to complete a baseline assessment of their	
	current energy practices and guide them through the	
	process of identifying and implementing goals and actions	
	to reduce their energy footprints.	
<b>Evergreen Theatre Society</b>	Leveraging Energy Efficiency Education Through the Arts	Alberta
	A science and environmental concept-infused musical	
	theatre adaptation of the classic fairy tale. The show	
	skillfully integrates climate science and promoting personal	
	action and responsibility towards energy efficiency.	
Global Youth Education	Creating Your Energy Future	Alberta
Network Society (Genius)	Workshops with community associations, organized labour	
	and the food sector, who represent significant energy	
	users and opportunities for large energy efficiency gains. By	
	establishing leadership and project development capacity,	
	the project will enable participants to start their own	
Current Colorania	efficiency projects.	Calaama
Green Calgary	Powering Our World Program for Calgary's Youth	Calgary
	The program on energy generation, energy conservation and renewable energy aims to raise awareness, shift	
	attitudes and empower youth to engage in energy	
	efficiency and renewable energy as a meaningful way to	
	take climate action.	
Green Learning	Expanding Energy Efficiency Education through Engaging	Alberta
·	Youth in Exciting Hands-on Activities about Energy Storage	
	and Electric Vehicles	
	The project will build youth literacy around energy	
	efficiency by providing educators across Alberta	
	with training and resources to easily integrate STEM-based,	
	hands on activities into their classrooms.	
Iron and Earth	Renewable Skills for Remote Communities	Southern Alberta
	The Renewable Skills for Remote Communities project will	
	include the development of a CSA Solar Skills training,	
	a Community Solar Skills training program	
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Keepers of the Athabasca	a Community Solar Skills training program and a Community Wind Skills training program.	Northern Alberta
Keepers of the Athabasca Watershed Society	a Community Solar Skills training program and a Community Wind Skills training program.  Where's My Power?' Workshop and Tools for Energy	Northern Alberta
•	a Community Solar Skills training program and a Community Wind Skills training program.  Where's My Power?' Workshop and Tools for Energy Efficiency	Northern Alberta
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	Dower' workshop and aparguaudit tools to halp Albertans	
	Power' workshop and energy audit tools to help Albertans	
	better understand historical context and commonalities	
	towards moving forward together.	
Miistakis Institute	Least Conflict Land Renewable Energy Decision Support Tool	Vulcan
	The tool allows users to explore ecological, industrial,	
	agricultural and cultural/scenic values simultaneously while	
	considering siting locations for renewable energy	
	development. The LCL tool is a platform to inform	
	important dialogue and decisions around renewable energy	
	development.	
NAIT	Green Living Experience – Transportable Residential	Edmonton and
	Energy Efficiency Demonstration Building	surrounding area
	Energy Efficiency is the lowest cost manner by which to	
	reduce GHG emissions, but it is a hard concept to visualize	
	and understand. The project will design and construct a	
	transportable residential energy efficiency demonstration	
	building, which will be used for years to come as an	
	instructional/interpretive platform.	
Nature's Ride Through Art	4E (Environment and Energy Efficiency Education)	Calgary
Society	Program	
	The program will build the awareness, skills, and capacity of	
	students and teachers to act on energy efficiency and	
	renewable energy. Students will learn the effects of	
	greenhouse gases (GHG) and how to reduce them in a	
	measurable way.	
New Myrnam School,	Partners in Stewardship, Partners in Learning	Myrnam and
Myrnam Outreach &	The project will result in an Energy Efficiency and	surrounding area
Homeschool Centre	Renewable Energy program for students, a dual-credit	
	program with a college in the area and courses in energy	
	efficiency, solar PV certification and small wind design and	
	installation to the community at large in partnership with	
	the Village of Myrnam.	
Newo Global Energy	Urban & Rural - Training and Education	Southern Alberta
	Development and delivery of climate change workshops to	
	foster renewable energy and energy efficiency literacy,	
	particularly the application of solar photovoltaic (PV)	
	technology. Industry training and capacity building to	
	equip newcomers to Canada with the basic skills and	
	knowledge to enter the solar PV industry or continue on in	
	the trades.	
Norquest College	<b>Energy Curriculum Development and Review at NorQuest</b>	Edmonton and
	College	surrounding area
	NorQuest College will assess what training and education	
	opportunities are available in the energy efficiency and	
	renewable energy industry, including a review of current	
	post-secondary offerings. At the end of the project,	



and their integration into new and existing energy systems.  Rural Routes to Climate Solutions  The project will build awareness among agricultural	Southern Alberta
systems.	Southern Alberta
and their integration into new and existing energy	
technologies focused around renewable energy technology	
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construction and construction industry individuals to the	
full-day courses aimed at introducing both non-	
The project consists of two webinars supplemented by two	
Industry Practitioner	
Passive House for the Sustainable Homeowner & the	Alberta
entrepreneurs in the sustainable energy space.	
encourage youth to pursue employment and/or become	
delivery of 20 workshops. The project will engage and	
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	Paddle Prairie Meti
NorQuest will develop new credit or non-credit courses	
	in energy efficiency and renewable energy.  Paddle Prairie's Energy Efficiency Education Program  Paddle Prairie Metis Settlement's project aims to advance renewable energy and energy efficiency literacy with a primary focus on Paddle Prairie School, through the delivery of 20 workshops. The project will engage and encourage youth to pursue employment and/or become entrepreneurs in the sustainable energy space.  Passive House for the Sustainable Homeowner & the Industry Practitioner  The project consists of two webinars supplemented by two full-day courses aimed at introducing both nonconstruction and construction industry individuals to the basic principles of Passive House design. Courses will also be recorded and utilized to develop online webinars in the



	energy efficiency. In addition to this, the project will also	
	develop capacity in rural communities to engage in their	
	own renewable energy and energy efficiency projects.	
Strathmore High School		Strathmore and area
	The project will teach students how to sustainably thrive	
	through best practices and innovation. The school	
	will create an educational based framework where students	
	and community can come together to innovate towards	
	solving current and future problems around living	
	sustainably.	
Student Energy	Building Energy Efficiency Champions	Alberta
	The program will create a depth of energy efficiency,	
	renewable energy and community engagement knowledge	
	within a cohort of young energy efficiency champions. It	
	will provide online tools for understanding the energy	
	system, and resources for building skills to implement	
	energy efficiency projects.	
TELUS Spark		Calgary and
•		surrounding area
	creative process to stimulate conversations with families	
	around energy efficiency and Alberta's energy future.	
The King's University		Alberta
(King's Centre for	Climate Implications with Interactive Simulations	
Visualization in	Embedded in Alberta Narratives	
Science (KVCS))	KVCS will develop and disseminate novel interactive	
	simulations and visual learning tools that will inspire hope	
	and action toward energy choices that reduce GHG	
	emissions in Alberta. The science-based, peer-reviewed	
	visualizations will be embedded in carefully tailored	
	narratives to draw in Albertans who have not previously	
	had access to non-polarizing, curiosity-driven energy	
	awareness resources.	
The Professional Home	Understanding How Air Leaking Testing Increases Energy	Alberta
<b>Builders Institute of Alberta</b>	Efficiency	
	All new residential home construction will have to be Net-	
	Zero ready by 2030 across Canada through the Pan	
	Canadian Framework. This project will develop an online	
	course to begin educating Alberta home builders and	
	building codes officers on air leakage testing which is	
	anticipated to be mandated in the updates to the Energy	
	Codes that are coming.	
Town of Falher		Falher and
	The project will facilitate activities that will increase	surrounding area
	awareness of the benefits for being energy efficient and the	_
	detriments of over-consumption which encourage on the	
	ragional nanulation businesses non profit group and Form	
	regional population, businesses, non-profit group and Farm	



Town of Okotoks	Community Energy Efficiency Education Program The purpose of the project is to increase public awareness of how residential household actions can positively impact climate change. An energy educator will provide energy assessments and energy education to homeowners and will provide education about solar PV energy systems at Town events.	Okotoks
Village of Myrnam	Inspiring Green Technology Innovation in the Workplace and Classroom  Through the newly constructed Construction	Myrnam and surrounding area
	and Technology Education Centre, the Village of Myrnam will offer online and on-site classroom instruction using the assorted buildings to demonstrate renewable and energy efficiency technology.	