Summary of Community Education Capacity Building Grant Recipients

Recipient Organization	Contact Information	Project Name	Project Description	Region/ Communities Receiving Benefit	Materials and links
Alberta Community and Co-Operative Association (ACCA)	info@acca.coop 780-963-3766	Connecting Sector Expertise with Local Projects: Development Workshop Series	This project brought together renewable energy experts with local groups to advance community energy projects in a workshop environment. The objective of the project was to provide participants with a strong understanding of the development process. These workshops also resulted in presentation materials and a tool kit for public use.	Alberta municipalities; indigenous communities; Agricultural Producers; Economic Development Officers	Materials developed as part of this project; Workshop slide deck Community Energy Co-op toolkit For more information on this project, or other topics on communities and coops please email info@acca.coop or visit; http://acca.coop/
Alberta Green Economy Network (AGEN)	info@albertagen.ca 780-901-8357	Intro to Community Energy Toolkit and Workshop Series for Edmonton Condominium boards	This project included developing and delivering a toolkit and a workshop series intended to provide Edmonton condominium boards and residents the tools they need to initiate feasibility studies and business case development for community energy projects. The workshops were targeted towards individuals interesting in leading community energy projects within their condo corporations.	City of Edmonton (Condominium owners and residents)	Materials developed as part of this project; AGEN Community Energy Presentation Article on Energy transition for condos For more information on this project, or other green economy topics please email info@albertagen.ca or visit; http://www.albertagen.ca/
Alberta Solar Cooperative (ASC)	https://albertasolarcoop.com/	Alberta Solar Co-op – Stakeholder Engagement Framework & Marketing Development	The ASC project entailed the creation of a legal agreement framework for the ASC to engage with project developers.	Alberta residents, rural municipalities, and land owners	Please see a video on the ASC; https://vimeo.com/68421532 For more information on this project please visit the website; https://albertasolarcoop.com/
Alberta Southwest Regional Economic Development - on behalf of Southern Alberta Alternative Energy Partnership	bev@albertasouthwest.com 403-627-3373	Powering Connections: Renewable Energy Investment Readiness for SAAEP Communities	The objective of this project was to increase "renewable energy literacy" in Southwest Alberta in order to support the development of renewable energy resources. This project provided renewable energy project development knowledge and resources for municipal decision-makers to support them in future decision making.	39 Partner Communities in Southern Alberta	Materials developed as part of this project: Renewable Energy Project Development Decision Tree Tool SAAEP presentation at CanWEA conference www.saaep.ca website has many resources to support renewable energy development. For more info visit the website or contact SAAEP via the contact us page on their website.
Bow River Irrigation District (BRID)	bridoffice@brid.ca 403-654-2111	Bow River Irrigation Hydropower Project – Drop 5	This project entailed the completion of feasibility studies (survey, geotechnical, environmental and interconnection) and analysis for a proposed 1.3MW hydroelectric project that will utilize an existing canal drop structure located on BRID's main canal. Once built, the hydro	Vauxhall and surrounding area; Fortis and BRID ratepayers	For more information on the Bow River Irrigation District please visit their website; www.brid.ca or email bridoffice@brid.ca

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			facility will generate clean, renewable hydropower for the benefit of the citizens of Alberta and will provide BRID supplemental income in the form of lease and operations payments. The project is the first of five sites on BRID's canal that have very similar characteristics. Due to these similarities, aspects from these initial feasibility studies will carry through and help the future development of additional sites.		
CAIRN Housing Society	unavailable	CAIRN Housing Society – Energy Creation and optimization	The CAIRN Housing project investigated options available to reduce the costs associated with living in the CAIRN building by studying the feasibility of installing rooftop solar PV modules coupled with a microturbine. The CAIRN building is home to five businesses and over a hundred and forty residents. The CAIRN building was constructed though a Housing for the Homeless Grant from the Province of Alberta and has since become a home for many.	Grande Prairie and surrounding area; CAIRN Housing residents and target populations	No materials that can be publicly shared were created.
Canadian Geothermal Energy Association (CanGEA)	info@cangea.ca 403-801-6805	What about Geothermal Energy in Alberta	CANGEA successfully delivered the "What about Geothermal in Alberta?" project that informed Albertan's about geothermal energy and how it could be applied in Alberta. The project consisted of a CanGEA representatives delivering workshops at the following locations; Tsuut'ina nation, Hinton, Calgary, Leduc and at the Earth Sciences for Society Fair. The presentations discussed the basics of geothermal energy (resource types and quality, power generation, direct use of geothermal heat), potential applications in Alberta, Canadian and global case studies, and crossovers between the oil & gas industry with the geothermal energy industry.	Calgary, Leduc, Hinton, Tsuut'ina Nation	Materials created as part of this project; Geothermal 101 slide deck Geothermal Brochure For more information on this project and geothermal in general please contact info@cangea.ca or visit the website; https://www.cangea.ca/
Canadian Solar Industries Association (CANSIA)	info@cansia.ca 1-866-522-6742	Municipal Excellence in Alberta: Template By-Laws for Solar Energy	This project produced a reference resource for Alberta's Municipalities which documents key considerations for issues that do and do not require coverage in by-laws. It includes a jurisdictional scan of current and best practices from across North America and the production of a by-law template that Albertan municipalities could choose to adopt as presented or in an amended form.	All Alberta Municipalities	Materials created as part of this project; Municipal Solar Model Bylaw Backgrounder Municipal Solar Model Bylaw For more information about the Canadian Solar Industries Association please visit; www.cansia.com or send an email to info@cansia.ca
Canadian Solar Industries Association (CANSIA)	info@cansia.ca 1-866-522-6742	Community Solar: Risk and Insurance Considerations	This project entailed the creation of a "Community Solar: Risk & Insurance Considerations" resource. This document provides points of reference for risk and insurance considerations for Community Solar projects. This document provides guidance on how to identify, quantify and mitigate risks, as well as types of insurance considerations to protect assets, revenue, and reputation. The guide addresses both ground and	Community solar proponents throughout Alberta	Materials created as part of this project; Community Solar in Alberta Risk Management Insurance Consideration For more information on the Canadian Solar Industries Association please visit; www.cansia.com or send an email to info@cansia.ca

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			roof mount solar, including different scenarios and pricing considerations as well as claims examples.		
Dunmore Equestrian Society	https://www.dunmoreequestrian.com/contactus 403-502-6308	Renewable Energy Project Design	Dunmore Equestrian Society has procured a design for a roof top solar array system that will meet the capacity needs of their immediate community. This design included a full architectural plan, a financial strategy, and strategic plan to ensure the successful development of this project.	Southeastern Alberta; Cypress County; Prairie Rose School District	For more information on this project please send an email via the contact us field on the website or call 403-502-6308. Visit the website https://www.dunmoreequestrian.com/ for more information about the Dunmore Equestrian Society.
Economic Development Alliance of Southeast Alberta	info@edalliance.ca	Renewable Energy 101	The focus of this project was to raise awareness and understanding of renewable energy in South East Alberta (SEAB) and energy literacy in general. Online toolkits and a Renewable Energy 101 awareness campaign were developed, and workshops were delivered in; 1. Town of Bow Island 2. City of Medicine Hat Emerging Industries 3. Economic Development Practitioners meeting Medicine Hat 4. County of 40 Mile 5. City of Brooks	Southeastern Alberta	Other relevant resources (not funded by CECB) can be found on the SEEDS website, including the SEEDS Report. For more information on the Economic development Alliance of South-East Alberta visit their website: https://edalliance.ca/ Or contact them at; Toll-Free: (877) 787-7780 Phone: 1-403-488-7015 Fax: 1-403-488-7017 General Email: info@edalliance.ca
Environment Lethbridge Council (ELC)	info@environmentlethbridge.org	Renewable Energy Co-op Feasibility Study and Business Case	Through this project, ELC hired a consultant to complete a Feasibility Study for the development of a Renewable Energy Co-op for Lethbridge/southern Alberta. The Feasibility Study identified three viable models for proceeding with the development of a renewable energy co-op in southern Alberta. Firstly, supporting an existing co-op such as the Alberta Solar Co-op, secondly, creating a community solar co-op to invest in small scale community energy projects and finally, the development of an Opportunity Development Community that could leverage additional investment for larger scale renewable energy projects in southern Alberta. The Feasibility Study also provided an analysis of the risks and benefits of setting up a renewable energy co-op and identifies a number of viable investment opportunities related to renewable energy projects in southern Alberta. As well, ELC was able to consult with a number of businesses, organizations and other stakeholders who have an interest in renewable energy. From these consultations, ELC was able to identify potential	Greater Lethbridge area	For more information visit their website at https://environmentlethbridge.ca/ Or contact them at; info@environmentlethbridge.org

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			project partners, investors and community members who are interested in moving a renewable energy co-op forward.		
Foothills Energy Co-op	d_e_bunnell@yahoo.com	Pay-It-Forward Community Solar	Foothills Energy Co-op completed much of the initial work in order to prepare for the launch of a community solar program for their members, this included draft partnership agreement and criteria. The project was successful in its investigation of the feasibility of a Pay-It-Forward Community Solar program. This program would install rooftop solar for members and have these members pay a monthly fee, roughly equal to their electricity savings, to the Co-op to help fund future rooftop solar installations for other members.	Black Diamond, Turner Valley, M.D. of Foothills No. 31 and surrounding area	For more information on the co-op and its initiatives please visit the link; https://www.foothillsenergycoop.ca/index.html For more information on this project please reach out to David Bunnell; d_e_bunnell@yahoo.com
Foothills Energy Co-op	d_e_bunnell@yahoo.com	Tackling Regional Understanding, Capacity and Knowledge to Build Renewable Energy Works (acronym TRUCK-BREW)	The world is changing, and the Foothills Energy Co-op wants to help accelerate the shift toward incorporating renewable energy into Alberta's energy mix. The Co-op developed, promoted and presented a series of Tackling Regional Understanding, Capacity and Knowledge to Build Renewable Energy Works, "TRUCK BREW" seminars, information sessions, and site visits. The purpose of these activities was to inform and educate Alberta residents about the complex deregulated Alberta energy systems, building cooperation and trust among utilities and local residents and to drive acceptance of renewable energy, and increases in installation residential solar PV systems and energy conservation.	Throughout Alberta	You Tube video summarizing the workshops: https://www.youtube.com/watch?v=IxBDTtigDWI&feature=youtu.be Handout from workshops Changes in Alberta's grid presentation – B. Jeyakumar presentation Solar on your home NOW presentation Tackling Regional Understanding Capacity Building – D. Bunnell presentation Energy and Society - Kapustka presentation For more information on this project please reach out to David Bunnell; d_e_bunnell@yahoo.com
Friends of Medalta (Museum + Art Facility)	403-529-1070	Medalta in the Historic Clay District Energy Diversification Study	Friends of Medalta used the CECB grant funds to explore options for decreasing emissions and energy costs by using solar PV on two building rooftops and a solar canopy in the parking lot. A rooftop solar PV feasibility study was completed and delivered. Friends of Medalta wished also to showcase industrial energy transitions – from gas in the ground to solar in the sky.	City of Medicine Hat; Medalta Historic Site	No materials to share publicly. For more information about Friends of Medalta please visit their website; https://medalta.org/community/about/
Hinton Community Futures / Community Futures West Yellowhead	westyellowhead@albertacf.com 780-865-1224	Energy Literacy in the West Yellowhead: Building Capacity and Readiness in our Communities for the Renewable Energy Industry	Serving the West Yellowhead, this project offered small businesses and interested community members the opportunity to attend workshops and community events to develop a broader understanding of the energy sector and renewable energy opportunities. The events delivered were as follows; October 18 and 19, 2018 –Two project team members attended the pilot project of the Energy Futures RoadShow in the Crowsnest Pass	Hinton and West Yellowhead region	For more information about Community Futures West Yellowhead visit; http://westyellowhead.albertacf.com/frontpage

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			October 24, 2018 – "Community Toolkit for Economic Recovery and Resiliency" Training with Economic Developers of Alberta: Municipal and community leaders were invited to an intensive training session involving possible industry disasters and potential recovery methods for businesses. October 25, 2019 – "Sustainability: A Beautiful Life" presentations with Kristina Groves, 4-time Olympian with grades 5 to 7 at Ecole Mountainview and public presentation in the evening November 6, 2019 – "What about Geothermal in Alberta?" breakfast for business with CanGEA November 28 and 29, 2019 – Energy Futures RoadShow in Hinton		
Lethbridge County	mailbox@lethcounty.ca 403-328-5525	Renewable Energy Project Design	Lethbridge county engaged a contractor to design an appropriate roof top solar array system that met the capacity needs of their administration building. This design included a strategic plan to ensure the successful development of this project.	Lethbridge County	No materials to share publicly.
Medicine Hat College	403-529-3811	Community Learning Renewable Energy	This project enabled the design of training opportunities at the College in renewable energy design and installation, and community deployment of microgrids. By seconding an existing trades faculty mentor for 3 months of full-time work over a period of 6 months, the College created course materials in order to deliver; commissioning of solar PV installations course, and a microgrid seminar. These learning areas present a unique opportunity to support community development in renewable energy and microgrids.	Medicine Hat; Rural Alberta Municipalities; General Public	For more information on solar courses at Medicine Hat College please visit website; https://cstudies.mhc.ab.ca/Forms/Courses.aspx?CampusId=1&CalendarId=54&ProgramTypes=EME
Miistakis Institute	403-440-8444	Implementing the Least Conflict Lands for Renewable Energy Tool	To support rural municipal decision making, Miistakis led a stakeholder driven process to develop a least conflict lands tool to support renewable energy development decision making for Wheatland County and County of Newell. Miistakis proposes to explore expansion of the tool to other jurisdictions in Alberta. Expansion will include investigating production of a digital model/tool to enable efficient expansion, refinements to data and methodology to enable incorporation of other jurisdictions, education and outreach activities such as presentations, one-on-one meetings and webinars. The intended outcome is a spatial mapping tool municipality can use to assess least conflict lands for renewable energy development in their municipalities.	Alberta- Municipal and Provincial Governments; Wind and Solar Developers	The report that was developed can be found here: www.rockies.ca/files/reports/MIR_LCL_Report_FINAL.pdf
Montana First Nation (MFN)	unavailable	Renewable energy project pre-feasibility and feasibility studies	Renewable energy project pre-feasibility and feasibility studies, MFN shall engage an industry expert to review and update the feasibility study completed 2017 for a 5MW project on reserve lands.	Montana First Nation (Maskwacis, Alberta)	For more information about Montana First Nation please visit their website; www.montanafirstnation.com/

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NAIT (Northern Alberta Institute of Technology)	780-471-6248	Solar Acreages	NAIT proposes to build capacity for community generation projects through the development of large-scale solar training platforms to provide the labour force with knowledge and experience in designing and building community scale solar power systems. Each training session will conclude with the development of an actual community generation installation. As part of this development work NAIT engaged a contractor to develop a business plan for NAIT's community solar training. NAIT also engaged with Fortis Alberta to discuss the building out of a community scale solar power system as part of the training program.	Alberta- Industry and educational proponents	For more information about NAIT's alternative energy programs please visit their website; http://www.nait.ca/76020.htm
Nu Ch'anie	unavailable	Biomass Energy Pre-Feasibility Assessment	The Nu-Ch'anie Biomass Feasibility Assessment project was designed to evaluate opportunities for Cold Lake First Nations (CLFN) to utilizes wood biomass to generate energy for the Nation. The Project looked at opportunities to develop a facility that will provide electricity and heat to one or more community buildings at CLFN. This project is phase one of a two-phase approach.	Cold Lake First Nations (Members, homeowners, Businesses, Tribal Council)	For more information about Cold Lake First Nations please visit the website; https://clfns.com/about-us/
Paddle Prairie Metis Settlement	unavailable	Paddle Prairie Solar Energy Project	Paddle Prairie commissioned a pre-feasibility study and engaged a Solar Energy Project Manager to support the development of a proposed 3 MW solar facility in Paddle Prairie Metis Settlement. The construction of this solar installation is part of the Settlement's Climate Leadership Plan goals.	Paddle Prairie Metis Settlement	To learn more about Paddle Prairie Metis Settlement please visit their website; https://paddleprairiemetis.com/
Prairie Sky Cohousing Cooperative LTD	unavailable	Prairie Sky Community Rooftop Solar	Prairie Sky Cohousing Cooperative commissioned study to determine the scale, cost, and financial feasibility of a rooftop solar project on their buildings. The objective was to lower utility costs to residents, contribute to the greening of Alberta's electrical grid, and inject money into Calgary's diversifying economy. Prairie Sky also increased capacity for community energy generation in Calgary, by providing training in solar system planning to interested residents.	Calgary- Prairie Sky Cohousing	To learn more about the Prairie Sky Cohousing Cooperative please visit their website; https://www.cohousing.ca/communities/ab/prairie-sky/
Solartrees - Keepers of the Athabasca	solartrees@gmail.com 780-404-1605	Solartrees Farms Cooperative	The Community organized and delivered an interactive feasibility study which may result in the formation of 1-3 farmer Co-ops to create a northern Alberta renewable cluster. This initiative is meant to be a means to diversify the industry in the 3 communities: Athabasca, Barrhead and Drayton Valley with solar capacity building using a cooperative model with education of solar and training for the communities. As part of this project workshops were held in Athabasca to inform interested residents about the opportunities in solar energy.	Athabasca County, Barrhead County, Drayton Valley, Indigenous communities in Northern Alberta	Link to news article about the workshops
Solar Power Investment Cooperative of	info@joinspice.ca 780-429-4731	SPICE - Leading and Seeding Community Solar in Alberta	Through the CECB program, SPICE has established frameworks for; a collective impact lab- training workshop on starting a collective organization like SPICE, draft business models for SPICE to work within in	Greater Edmonton Area; Policy	For more information on SPICE please visit their website; http://joinspice.ca/

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Edmonton (SPICE)			order to offer renewable energy investments an fund potential partners, articles of incorporation and bylaws that support the business model, and an investor model. Using the Collective Impact approach and framework developed, SPICE collaborated with key partners such as the City of Edmonton and Landmark/SOLARMAX to validate its models with a live client case study (First Place Program).	Developers; Financial Institutions	
SunAlta Power	info@sunaltapower.com 403-617-8969	Bassano Community Generation	This project included the completion of a comprehensive technical, regulatory, and financial feasibility study, as well as stakeholder engagement and the development of a solar project on a site in Bassano, Alberta. The desired result was an innovative community energy project that can be replicated around the province.	Bassano	No materials to share publicly.
The Heart and Solar Team	contact@heartandsolar.ca 403-464-2084	Horizon Housing Society – Glamorgan Project	Heart and Solar used the CECB funds to complete the design of a solar energy system for the Horizon Housing Society for a new building in the Glamorgan neighbourhood of Calgary. The system will be 50 kW and substantially reduce the operating costs of the building and directly reduce the electricity bills of the over 200 Calgarians (coming from vulnerable populations) that will be living in the building.	Calgarians coming from vulnerable populations that are tenants of Horizon Housing Society; Horizon Housing Society; Donor organizations	For more information about the Heart and Solar team and their work please visit; https://www.heartandsolar.ca/ For more information about this specific project please see https://www.heartandsolar.ca/projects
The Natural Step Canada	info@naturalstep.ca 613-748-3001	Energy Futures Lab – Energy Futures Roadshow	The Energy Futures Lab (EFL) Roadshow will consist primarily of a series of workshops with businesses, governments, schools, economic developers, community developers and other cohorts in a specific community in Alberta. The 2 to 3-day engagement was designed and delivered in collaboration with the community, and was tailored to the community's interests, needs and capacities. The roadshow included: exploring the community's vision, strategy, and goals for development in relation to the shared vision emerging out of the EFL; identifying key opportunities and challenges relating to energy transition in the community; profiling energy innovations and entrepreneurs relevant to the community's challenges and goals; facilitating constructive dialogue about energy issues among diverse community members.	Alberta- Current or former workers in the oil and gas sector; Municipal Leaders; Local Entrepreneurs; Local Indigenous Communities	For more information about the Energy Futures Lab; http://energyfutureslab.com/initiatives/energy-futures-roadshow/
Town of Banff	Town of Banff 403-762-1200	Banff Area Geothermal Exploration Program	The project evaluated and characterized the geothermal resource and development opportunity for the Town of Banff through the completion of a feasibility study. In addition to the feasibility work capacity building was performed with relevant stakeholders via dissemination of project results.	Town of Banff (Residents and Businesses); Banff National Park	For more information on the Town of Banff's environmental plan please see the Banff Environmental Master Plan; https://banff.ca/documentcenter/view/6263
Town of Black Diamond	403-933-4348	Joint Co-generation Town of Black Diamond /Foothills School Division	A feasibility study was completed for the implementation of a joint co-generation project between two hockey arenas and a high school, permitting, design details for completing the project. The design details	Community of Black Diamond	No materials to share publicly.

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			for this project include regulatory, size, type of co-generation unit, type of interconnection to the grid with connection and switching requirements.		