

Summary of 2019 Community Generation Capacity Building Recipients

Organization	Project Description	Area Served
Alberta Community and	Community Generation Project Incubator (CGPI)	Alberta
Co-operative Association	Combine renewable generation project development	
	and analysis training with accelerated pre-feasibility	
	assessment preformed collaboratively by proponents,	
	other CGPI participants, and expert consultants	
Alberta Sustainable Goals	Castle Meridian Wind Farm	Southern Alberta
Cooperative	Continue with the technical development and	
	feasibility work for a 20 MW wind farm located in	
	southern Alberta	
Aseniwuche Winewak	Aseniwuche Winewak Nation of Canada Solar	Aseniwuche Winewak
Nation	Project Development	Nation of Canada
	Take findings from an existing pre-feasibility study	
	and continue with the technical development and	
	feasibility work for a 5-8 MW solar PV project	
Biosphere Institute of the	Canmore Community Solar	Canmore &
Bow Valley	Conduct feasibility studies of establishing a Solar	surrounding area
	Energy Opportunity Development Co-operative and	
	gauge viability of a future community owned solar PV	
Plack Spring Pidgo Water	Koho Cloop Energy Co. on Ecosibility Study	Southorn Alborto
Co on Itd	Coasibility study to take advantage of an excellent	Southern Alberta
	wind resource and develop a community owned and	
	operated 2 MW wind farm. This will enable local	
	control over development, diversifies landowner	
	incomes and invigorates rural communities	
Rocky Rural Electrification	Blue Mountain Power Co-op Community Generation	Rocky Mountain
Association Ltd (Blue	Feasibility Study	House and
Mountain Power Co-op)	Creation of a renewable resource inventory to	surrounding area
	identify local community generation opportunities.	
	This will include feasibility studies, technical analysis	
	and a thorough public engagement process	
Bow River Irrigation	Bow River Irrigation Hydropower Project- Drop 3	Southern Alberta
District (BRID)	-Conduct feasibility studies (survey, geotechnical,	
	environmental and interconnection), analysis and	
	design for a proposed hydroelectric and co-located	
	solar project that will utilize an existing canal drop	
	structure located on BRID's main canal and adjacent	
	lands. This project will also provide BRID	
	supplemental income in the form of lease and	
	operations payments. The Project is the second of five	
	sites on BRID's canal that have very similar	
	characteristics. Because of these similarities, aspects	
	from these initial feasibility studies will carry through	
	and help the future development of additional sites.	



Bow River Irrigation District (BRID)	BRID-Hays Solar Project -Feasibility and technical studies for a potential 9.5 MW community solar energy project.	Southern Alberta
CAIRN Housing Society	Energy Reduction Options & Combined Heat Power -The development and integration of Combined Heat and Power generation unit in affordable housing complexes. This project will also include energy use education and mutually beneficial partnerships with residents.	Grande Prairie
Canadian Geothermal Energy Association (CanGEA)	The Handbook for Geothermal Community Based Generation -This project will involve the development of a comprehensive tool for Albertan communities to understand the development of geothermal heat-to- power generation projects under the Small-Scale Generation Regulation.	Alberta
Decentralised Energy Canada	ComGen Opportunities Guide and Project Toolkit for Rural and Indigenous Communities -The development and pilot two training tools: A Rural Communities Guide to the Small-Scale Generation Regulation, designed to provide information that makes the regulation more accessible to rural communities, and the Rural ComGen Project Toolkit, which will provide rural communities with technical, economic and environmental guidance in order to support project implementation.	Alberta
Environment Lethbridge Council	Southern Alberta Renewable Energy Cooperative -This project will seek to develop and incorporate a Co-op designed to promote partnerships and investee project development regarding large scale renewable energy projects throughout southern Alberta.	Lethbridge and surrounding area
Hutterian Brethren Church of Albion Ridge	Hutterite Communities Renewable Energy Facility Development- Developing common tools for planning, evaluating, permitting, and developing a renewable energy facility. -With the Albion Ridge Colony serving as a base-case, this project will undertake the development steps required to plan a renewable energy facility suitable for an individual colony. Next, the process will be applied to the other participating colonies while formatting the process into standard tools for development, suitable for other colonies.	Albion Colony and other Hutterite Colonies Religious Society
Irrigation Canal Power Co- operative Ltd.	IRRICAN Main Canal Structures Feasibility Studies	Southern Alberta



	-It is proposed to review the technical and financial	
	multiple irrigation canal drops	
Lac La Biche Regional	Community Generation Capacity: Building awareness	Lac La Biche and
Community Development	through capacity, knowledge and opportunity	surrounding area
Corporation o/a	-Community Futures Lac La Biche, along with project	U
Community Futures Lac La	partners, will offer a series of community generation	
Biche	capacity workshops throughout the region. These full-	
	day workshops will provide a general overview of	
	developing community generation capacity using	
	wind, solar and biomass sources to supplement	
	traditional energy distribution.	
Metis Settlement General	Metis Community Generation Partnership Project	Metis Communities
Council	-This project will endeavor to conduct a	throughout Alberta
	comprehensive feasibility study, a business plan, and	
	the creation of a community benefits agreement	
	regarding the development of a 20-25 MW solar PV	
	project. Efforts will also be made to create	
	partnerships amongst Metis communities throughout	
	Alberta for this project.	
NAIT	NAIT Community Power and Training Development	Alberta
	- NAIT proposed to examine the viability of	
	developing a community energy project in concert	
	with enhanced training focusing on multiple clean	
	energy strategies. As a postsecondary institution, they	
	also recognized the skills-gap for developing and	
	building community/utility scale power projects in	
	Alberta. In addition to energy and environmental	
	benefits NAIT will also use this project to provide	
	Alberta's labour force with knowledge and experience	
	for designing and building community scale solar	
	systems. The project will snowcase best-in-class	
	inductry students hands on experience with the most	
	advanced and effective technologies in the rapidly	
	evolving solar industry	
North Parkland Power	Community Generation Investment Decision	Northeastern Alberta
Rural Electrification	- This is a project of investigation analysis and a due	Northeastern Alberta
Association	diligence process towards making a final investment	
	decision on local community owned generation	
	project. The outcome of which is to initiate the	
	construction of our first community owned	
	generation asset upon completing this project which	
	will also increase control over market pricing.	
	promote energy literacy and aligning investment of	
	our Owner-Members into a long-term value solution.	



Paddle Prairie Metis	Paddle Prairie Community Generation Project	Paddle Prairie Metis
Settlement	Development	Settlement and
	- This project is the next phase of installing Paddle	surrounding area
	Prairie's proposed 1.54mW DC solar array as outlined	
	in the pre-feasibility assessment conducted by 3D	
	Energy. The immediate next steps in this project are	
	to conduct an environmental study,	
	community/partner engagement,	
	geotechnical/civil/structural engineering, DFO	
	reasibility studies, engineering and system design,	
	Autor application and regulatory permits, project	
	investment/operating structure	
Peavine Metis Settlement	Peavine 5MW Solar Power Development Project-	Peavine Metis
reavine metis Settlement	Feasibility Study Phase	Settlement and
	- This application is to financially support capacity	surrounding area
	building for Peavine community "Champions" during	
	the feasibility study phase of a proposed 5 MW solar	
	power plant. At the end of this stage, the project will	
	achieve a 'shovel-ready' status and ready for	
	implementation. To realize meaningful long-term	
	capacity building for future development	
	opportunities, Peavine would like to appoint 2	
	dedicated community Champions to be part of an	
	integrated project team and to receive mentorship in	
	all project aspects from Optima Global.	
St. Mary River Irrigation	Solar Project Investigations in the St. Mary Irrigation	Solar Project
District	District	Investigations in the
	- SMRID would like to investigate through the CGCB	St. Mary Irrigation
	program: the interconnection, development and	District
	footprint of not groater than 20 acres at either site. As	
	well we would like to review our inventory of district	
	lands and identify if any other sites have significant	
	notential	
Solar Power Investment	SPICE: Edmonton's Bright Beginnings in Community	Edmonton
Cooperative of Edmonton	Solar. Establishing investment-ready community	
(SPICE)	generation solar projects in Edmonton while growing	
	the cooperative for the long-term sustainability	
	- Following its success in the CECB Program, SPICE will	
	continue it's advancement by preparing three	
	community generation solar projects for investment	
	and development in partnership with the Anglican	
	Diocese of Edmonton which is ready to move their	
	environmental goals into action. SPICE will conduct	
	technical site feasibility for solar development	
	compliant with the Small-Scale Generation Regulation	
	and deliver workshops focused on determining	



	project Community Benefit Agreement (CBA) frameworks. SPICE will also work with our business and legal partners to complete our business model and	
	share offering frameworks to allow investments in	
Sun Alta Dower Inc	these projects.	Passano and
SunAlla Power Inc.	SunAlta Power (SAP) has partnered with Irricana	Bassano anu
	Power Generation to develop the Bassano	Surrounding area
	Community Solar PV Project (BCSP) a 11.3 MW	
	namenlate solar PV project (Besi), a 11.5 MW	
	The BCSP partners have engaged several community	
	organizations to participate in the development,	
	construction and operation of the BCSP. The	
	community organizations include the EID, Beaver First	
	Nation, and the Association of Independent Schools	
	and Colleges of Alberta (AISCA). The funding will	
	enable the project to proceed with further technical	
	and financial development and community	
	partnership engagement for the project.	
Western Irrigation District	East Lake Hydro Project- Preliminary Feasibility	Calgary and
	Assessment and Development Plan	surrounding area
	- The WID is proposing a thorough evaluation of the	
	opportunity to use Eagle Lake for hydropower	
	generation including a feasibility assessment and the	
	creation of a development plan. This material would	
	determine the viability of the project and provide the	
	detailed information that would be required to	
	advance the project.	