

Alberta Solar Market Development (ASMD)

Time Frame

July 2018 – June 2019

Contribution Required for Participation

\$ 5,000.00

Project Aim and Objectives

The aim of this Strategic Project is to capture increasing near-term and long-term market opportunity for solar energy in Alberta's electricity supply-mix and to support the development of the policy and regulatory framework that can enable project development. Targeted Outcomes:

- An Alberta Infrastructure procurement that delivers price discovery and creates industry-desired precedents to inform future policy and business decisions.
- New commercial opportunities for distribution-connected solar (e.g. community/non-utility procurement).
- A level playing-field for solar electricity generation in the Renewable Electricity Program (REP).
- Heightened role for solar electricity (incl. Micro-Generation) in the AESO's 2019 Long-Term Outlook.

Industry Context

CanSIA has dedicated significant effort and resources to policy and market development activities in Alberta, supported by strategic projects since 2015/2016 (most recently Alberta Solar Market Development in 2017/2018). During this time-frame, the province's solar electricity market has taken significant strides forward:

Micro-Generation: An enhanced Micro-Generation Regulation (increased maximum system size of 5 MW and siting flexibility to enable basic meter aggregation and adjacent sites) and several funding programs including for homes and businesses (\$36m.), schools (\$15m.), municipalities (\$5m.) and First Nations and Métis Settlements (\$2.5m.) have increased the province's cumulative installed capacity three-fold from 8 MW (May, 2015) to 24 MW (February, 2018). A further doubling could be expected by 2020 as a result of program funds not yet committed. The introduction of Property Assessed Clean Energy (PACE) finance by early 2019 will further drive this market segment forward.

Distribution-Connected Generation: Following extensive consultations, the enabling legislation for solar generation connected to the distribution system (and not tied-to-load) is expected to be passed in Spring 2018 with resultant rules and requirements to follow by Fall 2018. The new regulation will cut red-tape for all projects of this type. For projects with community participation, and in addition to funding for municipalities (\$16.5m. to be administered by the Municipal Climate Change Action Centre, details June 2018), additional funding for "Community-Generation Pilots" is expected to be announced in Q2, 2018.

Utility-Generation: The first three rounds of the Renewable Electricity Program (REP) is expected to procure 1,100 MW of wind electricity employing the "Indexed-REC", a mechanism that creates an un-level playing technology-neutral playing-field. With 3,900 MW left to procure before the 5,000 MW program is fully subscribed, it is critical that the procurement structure is amended.

To learn more about this or other Strategic Projects and how your company can participate, please contact Lisa Hatina, Business Development & Member Relations Manager by email at lhatina@cansia.ca or by phone at 343-700-3599.

2018-2019 Strategic Projects



CanSIA's Alberta Solar Market Development (AMSD) will continue to leverage the commitment and combined resources of key industry players to ensure that the industry remains on track to capture an increasing near-term and long-term role for solar energy in Alberta's electricity supply-mix.

Scope of Work and Deliverables

This 1-year project will build upon CanSIA's past market development initiatives in the province of Alberta to work toward existing policy commitments, giving rise to near-term solar market opportunities and a path to a sustainable long-term role for solar in the provinces' future electricity needs. This project will directly engage key elected officials, policy-makers and regulatory decision-makers on priority issues to ensure that the political will and potential that is now well understood in the province translates to near- and long-term solar market growth. A large portion of market development can be reactive in nature in response to political or market-based issues that arise. As such, the scope of this project may evolve but its focus will not waiver from introducing enablers and removing barriers to an increasing market share from solar electricity. A strategic planning session will be held early in this strategic project that will identify priority actions.

Project Fund Allocation

The majority of project funds will be directed towards research/analytics, policy recommendation development and government and media relations support. No more than 20% will be allocated to project management, administrative and travel expenses.

Project-Specific Opportunities

By sitting on the Advisory Committee, participants will have the opportunity to contribute their knowledge and expertise to this project to ensure that all recommendations and positions align with contributing company priorities and the broader needs of the industry. Participants of this project will: receive regular briefings on research and analytics undertaken by external consultants, drive the development of industry recommendations based on the results of commissioned research, and will have the opportunity to participate on an as-needed basis in meetings with decision-makers from government, agencies, and utilities.

CanSIA's Strategic Projects rely exclusively on the contributions of participating companies who deserve recognition for their contribution to the future of the industry. CanSIA Members who contribute to and participate in this and/or other 2018-2019 Strategic Projects will be recognized as CanSIA Influencers and access benefits not available through traditional membership.

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