

FUNDING OPPORTUNITY: NRCAN EMERGING RENEWABLE POWER PROGRAM

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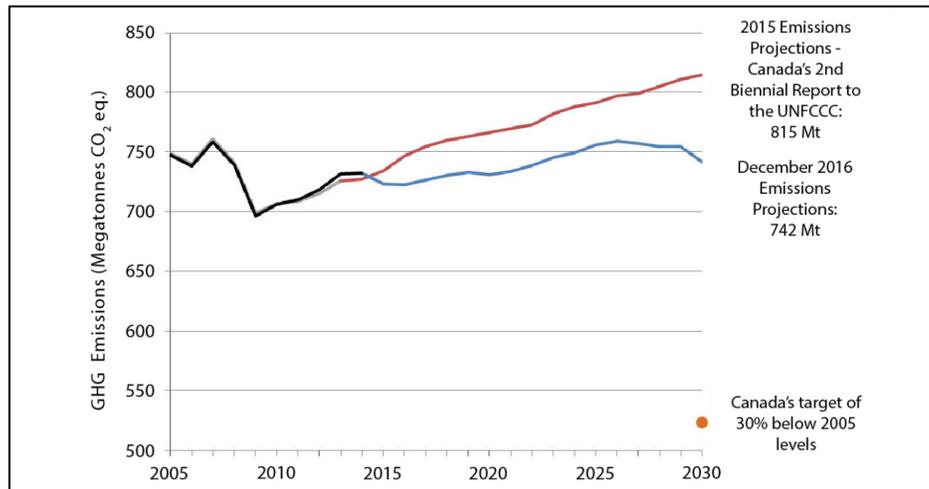
To: Clients and Colleagues

From: John Dalton, President, Carson Robers, Consultant and Caitlin Laber, Researcher, Power Advisory LLC

On January 18, Canada's Minister of Natural Resources, Jim Carr, announced the launch of an expression of interest for the Emerging Renewable Power Program (ERPP). The program was created to expand the portfolio of commercially viable renewable power technologies available in Canada, deploy demonstrated technologies at the utility scale, and achieve further electricity sector greenhouse gas emission reductions.

ERPP's anticipated C\$200 million in funding is part of the investment goal of C\$21.9 billion that the federal government plans to roll out over the next 11 years under the Pan-Canadian Framework on Clean Growth and Climate Change. The collaborative plan was officially adopted in December 2016 by all provinces and territories, except for Saskatchewan and Manitoba, and targets a GHG emission level of 523 metric tons by 2030 (a 30% reduction from 2005 levels).

Figure 1: Emissions Projections to 2030



Source: Pan-Canadian Framework on Clean Growth and Climate Change, 2016

The funding opportunity is available to renewable power technology projects that satisfy the following eligibility requirements:

- Meet the definition of an emerging renewable energy technology
- Produce electricity for sale or use in Canada

- Renewable power technologies established commercially, but have yet to be established in Canada; or
- Renewable power technologies available in Canada, but have yet to be implemented on a utility scale
- Minimum Capacity:
 - 4 MW for geothermal, offshore wind, tidal, and concentrated solar projects
 - 1 MW for emerging technologies, such as next-generation biomass, river current, other marine resources and new solar technologies
- Help meet the commitments made under the Pan-Canadian Framework on Climate Change

Strategic environmental assessments for energy planning purposes may also be submitted to this program. Projects that are able to commission during the funding period of April 1, 2018 to March 31, 2023 will be given priority. A per project funding limit of \$50 million for up to 50% of eligible project expenditures is established in the Expression of Interest. However, greater than \$50 million may be available with approval from the Treasury Board, such as for offshore wind which is likely to require more than the limit due to project size.

Expression of Interest (Due Feb. 11, 2018)

An expression of interest is now open but is not a prerequisite to participate in the forthcoming Request for Proposals. NRCan plans to use the expressions of interest to more accurately determine the level of funding that will be made available and the number of projects that can be expected to be funded.

Interested parties can receive the application package by [submitting an email](#) with company name, project name, and contact information. For your convenience we have made a copy of the [EOI Applicant Guide](#) and [form](#) on our website. The application requests details regarding applicant entity, general project information, and costs. The expression of interest application should be returned in Excel format along with a PDF of the signatory page by February 11, 2018, 11:59 pm EST.

Request for Proposals (Due Q3/Q4 2018)

Following the closure of the EOI process, the program will launch a Request for Proposals. Applicants will have approximately two months to complete the proposal template, which will be made available in the coming months. Our expectation is that the RFP could be released as soon as Q2 or Q3 2018.

Power Advisory would welcome the opportunity to support responses to the Emerging Renewable Power Program and to assess opportunities for emerging power technologies across North America's electricity markets.