

Session 5 – REP Year 1 and Beyond

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The Fairmont Banff Springs



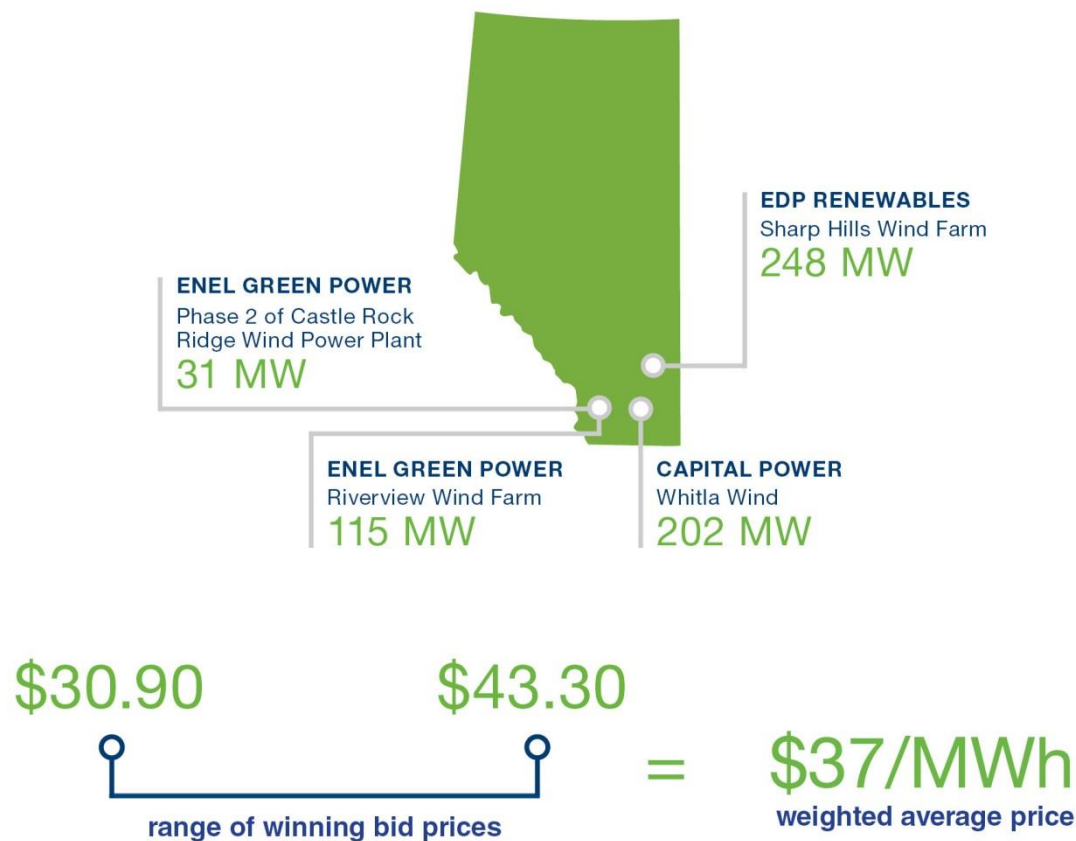
Session 5: REP Year 1 and Beyond

Panel Members:

- **Cory Basil**, Vice-President, Development, EDF, EN Canada
- **Ryan Brown**, Executive Vice President, EDP Renewables North America
- **Dr. Sara Hastings-Simon**, Program Director, Clean Economy, Pembina Institute
- **Kelly Lail**, Vice President, Business Development and Commercial, Capital Power

REP 1 Results:

- Four successful projects delivering nearly 600 MW of wind generation



Source: AESO, *REP Infographic*, REP Round 1 Results, online: <https://www.aeso.ca/market/renewable-electricity-program/rep-round-1-results/> (accessed 9 March 2018).

REP 1: Statistics

- 12 proponents submitted bid prices for 26 projects and 3,600 MW of capacity in the RFP stage
- Used an Indexed Renewable Energy Credit used (i.e. Contract for Difference) called the Renewable Electricity Support Agreement (RESA)
- Process took approximately 8.5 months
 - Commenced on March 31, 2017
 - Announcement made on December 13, 2017

REP 2 & REP 3: Key Features

REP 2:	REP 3:
Procurement Target of 300 MW	Procurement Target of 400 MW
Minimum Indigenous equity component (estimated minimum between 15 and 25% - AESO to provide recommendation in program design to Province)	Same competition format as REP 1 (subject to learnings and necessary adjustments relevant from REP 1)
Indigenous community must be located in Alberta	

REP 2 & REP 3: Key Features

Key Features of both REP 2 and REP 3:

- eligible projects are limited to new or expanded renewable electricity generation projects located in Alberta
- able to connect to the existing distribution or transmission systems
- greater than 5 MW
- eligible fuels must meet Alberta's definition of renewable energy resources as defined in the *Renewable Electricity Act*
- the payment mechanism must be compatible with Alberta's evolving power market construct

REP 2 & 3: Proposed Timelines

- REP 2 and REP 3 will run in parallel
- AESO program proposals to Minister must:
 - be submitted no later than February 28, 2018
 - recommend a payment mechanism
 - recommend a target in-service date
 - ensure RESA for both REP 2 and REP 3 are executed by December 31, 2018



Source: AESO, *REP Rounds 2 and 3*, online: <https://www.aeso.ca/market/renewable-electricity-program/rep-rounds-2-and-3> (accessed on 8 March 2018).

Panel Discussion

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