



Calgary Electricity & Climate Change Ecolab
and
A+ for Energy
Teacher Professional Development Program



August 27-28, 2018
Sheraton Suites Eau Claire

Sunday, August 26, 2018

Our out-of-town guests arrive to the Sheraton Suites Eau Claire. Check-in after 3:00 pm.

We'll be sure to do an email introduction between roommates a few days before the PD program so you can coordinate arrival times or even car-pooling!

Monday, August 27, 2018

Day 1: Energy & Climate Change Ecolab

Breakfast served in the Wildrose South room at the Sheraton Suites Eau Claire from 7:30 am -8:30 am. All are welcome to join.

8:30 am Welcome & Introductions

This opening discussion is an opportunity to set the stage for the program and a chance to get to know each other. We will introduce the program and begin to explore the topic of energy and climate change in Alberta

Host: Inside Education staff

9:15 am Alberta's Climate Leadership

In 2016, the Alberta government struck the Alberta Climate Change Office, a group of staff focused on the effective coordination and implementation of the Alberta Climate Leadership Plan. In the wake of a record-breaking summer, come hear the priorities and next steps of this department of Environment and Parks.

Speaker: Nirmala Naidoo, Director of Public Engagement and Outreach, Alberta Climate Change Office

Nirmal Naidoo is an award-winning journalist, and participants may recognize her name from her time on Global Television or CBC Television.

9:45 am Biobreak & Snack

10:00 am Ride the Wind to the Enmax District Energy Centre

In 2001, Calgary city council voted to purchase 21,000 megawatt-hours of wind power a year for 10 years. That's the amount of electricity that the LRT uses in a year. This initiative made Calgary the first wind-powered rapid transit system in North America!

10:30 am District Energy Centre Tour

ENMAX is a electricity provider in Alberta (wholly owned by the City of Calgary), and known for producing natural gas, wind, and solar energy in Alberta. Calgary's Downtown District Energy Centre houses a natural gas electricity generator, but what makes its special is capturing waste heat from the electricity process. This thermal energy is used to heat a system of underground hot water pipes to buildings throughout the downtown core. It creates an appealing energy efficient closed loop for up to ten million square feet of new and existing residential and commercial properties, while building a sense of community for its users. This LEED certified building is also a beautiful building to tour.

12:30 - 1:30 Lunch kindly provided by ENMAX

2:30 pm Ride the Wind...again! This time, to BP Canada Headquarters.

3:00 pm BP Canada Tour

Throughout the 12-year history of the A+ for Energy program, one common question teacher participants had was, "What does BP actually DO?" This tour will be a behind-the-scenes glimpse of the natural gas trading area of BP Canada. Tech-keepers, social studies teachers and even fans of the movie "Wall Street" (minus the intrigue) will be excited to see the complex technologies employed in moving 'virtual' natural gas around North America.

Host: BP Canada

5:00 pm Break

Ecolab participants are welcome to socialize at the Fionn MacCool's Irish Pub in the Sheraton Suites, visit the shops in the Eau Claire shopping district, and use the Inside Education hospitality room to get ready for our Celebration Dinner.

6:30 pm A+ for Energy Celebration Dinner

Doors open at 6:00 pm. Participants will receive drink tickets, and cash bar available.

Inside Education is delighted to carry on the legacy of A+ for Energy, the award-winning energy education grant program founded by BP Canada. The A+ for Energy program aims to provide schools funding to implement creative approaches to energy education. This dinner is a chance to kick up your heels, celebrate the work you've done so far, and have great conversations with like-minded people. All EcoLab participants are invited to attend **(please make sure to fill out the program pre-survey so we know you're coming!)**

Guests: BP Canada, COSIA, Energy Efficiency Alberta, ENMAX, Mount Royal University

Special thanks to our partners for supporting the Ecolab and the A+ for Energy program:



Tuesday, August 28, 2018
Day 2: For A+ for Energy grant recipients only

For A+ for Energy grant recipients only

Breakfast served in the Wildrose South room at the Sheraton Suites Eau Claire from 7:30 am -8:30 am. All A+ Grant recipients are are welcome to join.

8:30 am Energy Education Round Tables

Alberta is home to world-class energy innovations, and we are surrounded by numerous leading edge organizations dedicated to helping students, teachers, and the public learn more about the energy sector.

Guests: Alberta Council for Environmental Education (ACEE), Alberta Tomorrow, Emerald Foundation, Energy Efficiency Alberta, Empower Me, People for Energy and Environmental Literacy (PEEL), Relay Education, and Telus Spark.

9:45 am Biobreak & Snack

Please remember to check out of your rooms!

10:30 am My A+ for Energy Experience Panel

A+ Veterans will share their experience in developing and delivering their A+ for Energy Projects. You'll hear about challenges, solutions, exciting

11:00 am A+plied Energy

We will walk over to Prince's Island Park to get your hands and minds energized with a variety of interactive tasks and even a little friendly competition! Fabulous prizes will be awarded!

12:30 am - 1:30 pm Lunch Poster Fair

Share your project ideas with experts in the energy industry, make connections with other A+ Projects, and access the hive mind for feedback or advice.

1:30 pm - 2:30 pm How to get an A+ on Your Project

We will wrap up with all the details about important next steps to start your project. You will have a chance to ask final questions and get the support you need to kick off your project for the 2018-19 school year!

2:45 pm Formal Program Ends

Safe travels home, and good luck with the start of your school year!

Don't forget to visit www.insideeducation.ca to see our Learning Resources, apply for upcoming Teacher Professional Development (Mining in Alberta tour in November!) or to connect us to your students through in-school programs and youth summits!

Special thanks to our partners for supporting the Ecolab and the A+ for Energy program:

