

## SE2021 Schedule

### April 20, 2021

**Tuesday, Apr 20**

**11:00 AM - 11:45 AM**

#### **WELCOMING REMARKS**

Welcoming remarks from our Title Partner and VIPs- TBA

**Tuesday, Apr 20**

**12:00 PM - 12:45 PM**

#### **EMERGING TECHNOLOGIES**

Keynote Presentation

This keynote will uncover emerging technologies that will directly impact the research, design, and implementation of Canada's future smart energy projects.

**Tuesday, Apr 20**

**01:00 PM - 01:45 PM**

#### **HYDROGEN**

The New Frontier

Hydrogen is receiving worldwide attention for its ability to be the next clean fuel of choice. This session's experts will share why hydrogen is being fast tracked and what types of applications Canadians might expect to see in the near future.

**Tuesday, Apr 20**

**02:00 PM - 02:45 PM**

#### **ENERGY STORAGE**

Panel Session

Many are saying the key to our energy future is in energy storage as this session's experts will explore.

**Tuesday, Apr 20**

**03:00 PM - 03:45 PM**

#### **SMART GRID**

Panel Session

New smart grid technologies including meters, controls, transmission and micro-grid designs are emerging at a record pace as this session will explore. Experts will share insights into the latest technologies and the benefits they deliver for communities and consumers.

**Tuesday, Apr 20**

**04:00 PM - 04:45 PM**

## **VIRTUAL POWER PLANTS**

Panel Session

How virtual power plants (VPPs) will make the energy landscape cleaner, more reliable and easier to manage for the utility thru to consumer. Home and business adoption of batteries is becoming more commonplace as Canadian utilities initiate pilot projects.

**Tuesday, Apr 20**

**04:45 PM - 05:15 PM**

## **OPENING RECEPTION**

VIRTUAL RECEPTION

Take a few minutes, grab a beverage and unwind while meeting other delegates in this informal reception where you could win one of several cash and door prizes.

# **April 21, 2021**

**Wednesday, Apr 21**

**11:00 AM - 11:45 AM**

## **UTILITIES- CUSTOMER DISCOVERY**

Roundtable

Understanding what the customer wants in this new energy landscape has been challenging for both the customer and the utility. This session's utility guests will share how they went about their customer discovery, what they learnt and how that transforms into offering the customer a better solution to their energy consumption.

**Wednesday, Apr 21**

**12:00 PM - 12:45 PM**

## **BUILDING SMART COMMUNITIES**

Roundtable

Communities large and small are trying to improve their energy model in an effort to meet targets well before Net-Zero 2050. Our guests will tell how their communities transformed their thinking and embraced technology to be leaders in building a smart community.

**Wednesday, Apr 21**

**01:00 PM - 01:45 PM**

## **ENERGY EFFICIENCY TARGETS 2025-2050**

Panel Session

Join the masterminds behind many of the leading efficiency programs as they come together to discuss how their initiatives will help achieve our energy targets for 2025 and forward to 2050.

**Wednesday, Apr 21**

**02:00 PM - 02:45 PM**

## **ENERGY POLICY PUZZLE**

Roundtable

Canada's energy systems, policy makers, regulators and consumers are transforming to a low-emission future but are we going to make it and when? Join in as leading industry advocates and policymakers give their best to solve the ever-changing puzzle.

Wednesday, Apr 21

03:00 PM - 03:45 PM

## **ELECTRIC VEHICLES- The Roadmap**

Panel Session

Are we ready for the takeover of EVs? Many carmakers think so as they announced more than 50 new hybrids & electric vehicles this year but what challenges lie ahead?

Wednesday, Apr 21

04:00 PM - 04:45 PM

## **AUTONOMOUS DRIVING**

Panel Session

Join in as experts from across North America share their visions and technologies for AD.

Wednesday, Apr 21

04:45 PM - 05:15 PM

## **ICEBREAKER RECEPTION**

Join our partners, speakers and other delegates with a cool (or warm) refreshment as we celebrate our energy achievements and the breakup of ice from coast to coast!

# **April 22, 2021**

Thursday, Apr 22

11:00 AM - 11:45 AM

## **RESEARCH- Commercializing Technology**

Roundtable

A look at the leading universities and colleges whose research is developing disruptive smart technologies hand-in-hand with industry partners. While there's plenty of opportunities for these partnerships to solve many of the energy sector's challenges, commercialization needs to ramp-up if we are going to meet net-zero targets. This roundtable's guests will have surprising insights on how we get there.

Thursday, Apr 22

12:00 PM - 12:45 PM

## **HYDROGEN FUEL CELLS- The Applications**

Panel Session

Hear leading experts share examples of hydrogen projects that have been or are being deployed in communities across the globe. As utilities, policymakers and end users across Canada try to understand where hydrogen fits into their energy plans these realtime applications will help provide insight.

Thursday, Apr 22

01:00 PM - 01:45 PM

## **SOLAR**

Panel Session

Deployment of solar has never been at a faster pace and technologies are making it a forerunner for a fuel of choice for many communities and end users. This session will look at the leading technologies and engineering concepts that will help get us to 2030 and beyond.

**Thursday, Apr 22**

**02:00 PM - 02:45 PM**

## **TIDAL OCEAN TECH**

Panel Session

This session will showcase world class game-changing technologies for the tidal and ocean tech industries.

**Thursday, Apr 22**

**03:00 PM - 03:45 PM**

## **WIND OFFSHORE-ONSHORE**

Panel Session

The Icebreaker wind farm project is looking to start development on the Great Lakes in 2021. It'll be the first freshwater wind farm in North America and perhaps a segue to developing more offshore and onshore wind projects as our guest panelists will discuss.

**Thursday, Apr 22**

**03:45 PM - 04:15 PM**

## **DOWNHOME KITCHEN PARTY**

Virtual Reception

Join us as we wrap-up 3 days insightful sessions and put our feet up in the Maritime tradition of a Kitchen Party. Raise your favourite libation and you could win one of several prizes including gift certificates!