

# **UNION OF BRITISH COLUMBIA MUNICIPALITIES**

**VANCOUVER, BRITISH COLUMBIA  
September 23-27, 2019**



**MINISTRY OF ENERGY, MINES AND  
PETROLEUM RESOURCES**

# 2019 UBCM CONVENTION

ADMs and Minister Mungall  
Ministry of Energy, Mines and Petroleum Resources

## DAY AT A GLANCE

Tuesday, September 24, 2019			
Time	Community	Location	Issues
10:20AM	Regional District of Peace River	Room 14, Vancouver Convention Centre East, Second Level, 1055 Canada Place	Support of Pipelines
10:40AM	Regional Municipality of Northern Rockies	Room 14, Vancouver Convention Centre East, Second Level, 1055 Canada Place	CN Rail Service and Capacity
11AM	District of Kitimat	Room 14, Vancouver Convention Centre East, Second Level, 1055 Canada Place	Value-Added Resource Development
11:20AM	Regional District of Cariboo	Room 14, Vancouver Convention Centre East, Second Level, 1055 Canada Place	Expansion of Three Phase Power to the Communities and Business Along the Highway 26 Corridor
11:40AM	City of Fort St. John	Room 14, Vancouver Convention Centre East, Second Level, 1055 Canada Place	Micro-Hydro Net Metering Prices
1PM	Regional District of Central Kootenay	Suite 667 - 999 Canada Place, Boardroom B	HB Mine Tailings Facility Closure and Reclamation
1:20PM	Town of Smithers	Suite 667 - 999 Canada Place, Boardroom B	LED Conversion of Provincially Owned BC Hydro Incandescent Streetlights Within the Town of Smithers.
1:40PM	City of Nelson	Suite 667 - 999 Canada Place, Boardroom B	Electric Bike/Eco-Save Employee Purchase Program
2PM	Regional District of Strathcona	Suite 667 - 999 Canada Place, Boardroom B	Independent Power Projects on Crown Land (Electoral Area C)
2:20PM	District of Highlands	Suite 667 - 999 Canada Place, Boardroom B	Feed in Tariff Regulation
2:40PM	<del>City of Castlegar</del> Cancelled	<del>Suite 667 - 999 Canada Place, Boardroom B</del>	<del>Mercer-Celgar Power Production Agreement</del>

## 2019 UBCM CONVENTION

ADMs and Minister Mungall  
Ministry of Energy, Mines and Petroleum Resources

### DAY AT A GLANCE

Thursday, September 26, 2019			
Time	Community	Location	Issues
4:20PM	Regional District of Bulkley-Nechako	Room 13, Vancouver Convention Centre East, Second Level	Environmental Assessment Process and OGC Permitting Process
4:40PM	City of Prince George	Room 13, Vancouver Convention Centre East, Second Level	West Coast Olefins Petrochemical Project





## RESILIENCY + CHANGE

Big or small, rural or urban, our communities are experiencing change at an unprecedented rate. From climate change to economic pressures, local governments are on the front lines managing the local impact of complex issues. Across the province local government leaders are working to alleviate chronic social stresses, to respond to more frequent shocks, and to anticipate and adapt to changing social and economic trends.

The magnitude of the changes that our province and communities are facing extends beyond the capacity of any one group to address.

**In an uncertain future, local leaders have a duty to learn from each other and from the past and to find new approaches to plan and thrive.**

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## HOW DO YOU PUT A VALUE ON COMMUNITY?



Fortunately, you don't have to. That's what we do and each year our trusted property assessments provide the foundation for \$7.9 billion in revenue to support the important services you provide your communities. Yes we value property, but we also value community.

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#### We're here to help you:

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- Answer any assessment related questions
- Support sustainable financial planning in your community

#### Contact BC Assessment Local Government Customer Service:

localgovernment@bcassessment.ca  
1-866-valueBC (1-866-825-8322) x 00498  
**bcassessment.ca**



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## IMPORTANT NOTICES

### Registration, Name Badges and Session Access

Please pick up your delegate name badge upon arrival to Convention. For security and access reasons, name badges must be worn for entry to all Convention sessions. The reverse of your name badge contains admission information for events that require separate registration.

If you have any questions regarding your registration, please first pick up your delegate name badge and then visit the Delegate Services Desk in the Main Lobby of the Vancouver Convention Centre East Building.

Please be prepared to show your name badge to be granted access.

#### Sponsored by Port of Vancouver

### Delegate Services Desk

Please visit the Delegate Services Desk in the Main Lobby of the Vancouver Convention Centre East Building if you have any questions regarding registration.

Monday	7:00 AM – 5:00 PM
Tuesday	7:00 AM – 5:00 PM
Wednesday	7:00 AM – 5:00 PM
Thursday	8:00 AM – 4:00 PM

#### Sponsored by New Car Dealers Association of BC

### Voting Cards

Voting delegates are reminded to carry their voting cards with them during all business sessions. These cards must be presented and initialised by a scrutineer before a ballot is issued, and must be shown when a vote is called for on the Convention floor.

### Electronic Voting Devices

Each voting delegate will receive an Electronic Voting Device (EVD) at Registration upon pickup of their name badge. Delegates are responsible for their EVD during Convention and must bring their EVD to the resolution sessions on September 25, 26 and 27. There will be a \$60 fee plus tax for any lost, stolen or unreturned EVD.

Electronic Voting Devices are to be returned to:

- The UBCM Delegate Services Desk
- Designated drop-off boxes located at the entrance and exit of the plenary on Friday, September 27
- UBCM staff, who will be collecting keypads in the plenary following the final resolution session on Friday, September 27

**Please do not leave Convention until you have returned your Electronic Voting Device**

### All Plenary Sessions

Held at Vancouver Convention Centre East Building (VCC East) unless otherwise indicated.

### UBCM Convention Office

For **urgent or Convention-related** matters, please use the on-site UBCM Convention office phone number 604.647.7490. All other matters should be directed to the permanent UBCM office number 604.270.8226, where voicemail will be checked regularly.

The on-site UBCM Convention Office is located in Room 10, Vancouver Convention Centre East Building (VCC East).

Monday – Thursday	8:30 AM – 4:30 PM
Friday	8:30 AM – 12:00 PM

### UBCM Trade Show

Be sure to visit the UBCM Trade Show (Exhibit Hall B), beside the Plenary Sessions in VCC East.

Wednesday	10:30 AM – 5:00 PM
Thursday	10:00 AM – 3:00 PM

Meet with exhibitors specializing in the local government sector to learn about new products, solutions and effective practices, or explore potential new partnerships for your community. See the Trade Show Guide for a detailed booth floor plan with exhibitor listings and look for the enlarged exhibitor location legend at the show entrances.

**Drop by the UBCM Booth #500 directly in front of the Main Show Entrance to ask questions or to drop off your 'Explore The Floor' draw prize entry before Thursday at 2:30 PM. See your Convention Pocket Program for more info.**

### Sip n' See Trade Show Reception

On Wednesday, from 4:00 PM - 5:00 PM, stop by Exhibit Hall B for a prime networking opportunity at the always popular Trade Show Reception.

Engage with exhibitors while enjoying a cool beverage and a few nibbles. You'll find a complimentary drink ticket inside the back pocket of your delegate badge. Drink tickets are redeemable at this special reception only! Review exhibitor profiles on your smartphone or mobile device using the Convention Event App, or if using a web browser simply navigate to [eventmobi.com/ubcm](http://eventmobi.com/ubcm).

#### Sponsored by BC Recycles (Booth #501)

### UBCM Bistro

Hungry between sessions? Looking for a grab n' go snack? Missed lunch?

Head to the south east corner of the Trade show floor to the UBCM Bistro. Offering a small selection of sandwiches, soups, salads, and snacks for purchase, this cozy space is the perfect place to meet a colleague or take a quiet break to relax and recharge with a tasty treat or cool drink.

## UBCM CONVENTION PROGRAM

## Monday, September 23

7:00 AM – 5:00 PM	Registration
8:00 AM – 4:30 PM	<b>Study Sessions &amp; Tours:</b> Agricultural Study Tour
9:00 AM – 4:30 PM	Financing Reconciliation: Supporting Inclusive Governance in BC – “That We May Be Good People Together”
9:00 AM – 12:00 PM	Tour of Supportive Modular Housing Prioritizing Emergency Management Disrupting Money Laundering
1:30 PM – 4:30 PM	Tools, Funding & Resources for Local Governments Towards Parity: Breaking Down Barriers, Building Momentum
1:30 PM – 4:30 PM	BC Mayors' Caucus
4:45 PM – 5:45 PM	New Delegates' Orientation
7:00 PM – 8:00 PM	Electoral Area Directors' Meet & Greet

## Tuesday, September 24

7:00 AM – 8:30 AM	Continental Breakfast for Clinic Attendees
7:00 AM – 5:00 PM	Registration
7:30 AM – 8:30 AM	<b>Clinics:</b> Emergency Health Services: Developing Municipal Agreements Hydrogen 101 Moose Hide Campaign: Taking a Stand for Safety Championing Earthquake Safety and Risk Reduction Remuneration for Elected Officials: A Best Practices Approach
9:00 AM – 12:00 PM	<b>Forums:</b> Electoral Area Directors' Forum Small Talk Forum Mid-Sized Communities Forum Large Urban Communities Forum
12:00 PM – 1:30 PM	<b>Forum Lunches:</b> Electoral Area Directors' Lunch Small Talk Lunch Mid-Sized Communities Lunch Large Urban Communities Lunch
1:45 PM – 2:45 PM	<b>Plenary Session:</b> BC's Energy Futures
2:45 PM – 3:00 PM	Address by FCM President

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## Tuesday, September 24 continued

3:15 PM – 4:45 PM	<b>Provincial Policy Sessions:</b> Connected Communities BC: Enhancing Resiliency through Connectivity Ride-Hailing: What Can Local Governments Expect Resiliency and Change in BC Forests Tourism by Design: Planning for Resilient Communities CleanBC & Provincial Adaptation Strategy
4:00 PM – 4:30 PM	Municipal Insurance Association of BC Member Orientation
4:00 PM – 5:00 PM	Municipal Finance Authority Semi-Annual Meeting
4:30 PM – 6:00 PM	Municipal Insurance Association of BC AGM
5:00 PM – 6:00 PM	Community Excellence Awards Ceremony
6:30 PM – 8:30 PM	<b>Welcome Reception</b>

## Wednesday, September 25

7:00 AM – 5:00 PM	Registration
7:00 AM – 8:30 AM	Delegates' Continental Breakfast
7:30 AM – 8:15 AM	<b>Clinics:</b> Be Fair: Responding Effectively to Complaints Revitalized Legislative Framework for the ALR Ship-source Oil Pollution: Compensation 101 Elected Officials Must Themselves be Resilient UBCM Convention Finance and Sponsorship Review
8:30 AM	<b>Convention Opening Session</b> O Canada Welcome from Squamish Nation, Tsleil-Waututh First Nation, and Musqueam Indian Band Welcome from the Host Community Address by the UBCM President
9:00 AM	<b>Annual Meeting</b> Adoption of Conference Rules and Procedures Adoption of Minutes of 2018 Convention Annual Report Question and Answer Period Adoption of Financial Statements Appointment of Auditors
9:20 AM	First Report of the Nominating Committee for the Positions of Table Officers
9:25 AM – 10:25 AM	<b>Keynote Address:</b> Peter Mansbridge
10:25 AM – 10:40 AM	<b>Address by the Leader of the Green Party:</b> Dr. Andrew Weaver

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## UBCM CONVENTION PROGRAM

## Wednesday, September 25 continued

10:30 AM – 5:00 PM

Trade Show Open

10:40 AM – 11:00 AM

UBCM Convention Finance &amp; Sponsorship Review Survey

11:00 AM – 11:55 AM

**Principal Policy Session:** Resolutions

11:55 AM – 12:00 PM

Nominations from the Floor for Table Officer Positions

12:00 PM – 1:30 PM

**Area Association Lunches:**

AKBLG Lunch

AVICC Lunch

LMLGA Lunch

NCLGA Lunch

SILGA Lunch

2:00 PM – 2:30 PM

**Address by the Minister of Municipal Affairs and Housing:**

Honourable Selina Robinson

2:30 PM – 2:45 PM

Candidate Speeches

2:45 PM – 5:00 PM

Election of Table Officers

3:00 PM – 4:15 PM

**Cabinet Town Halls:**

Strong Community Infrastructure

Good Jobs and Training Opportunities

A Place Worth Protecting

Reconciliation: Moving Forward, Together

4:00 PM – 5:00 PM

**Trade Show Reception**

4:15 PM – 4:30 PM

Presentation of 2019 Energy &amp; Climate Action Awards

5:00 PM – 6:30 PM

BC Government Reception

6:30 PM – 8:00 PM

Consulate-General of the People's Republic of China Reception

8:00 PM – 12:00 AM

CUPE BC Reception

## Thursday, September 26

8:00 AM – 4:00 PM

Registration

7:00 AM – 8:30 AM

Delegates' Continental Breakfast

7:30 AM – 8:15 AM

**Clinics:**

Getting Older Adults Active and Connected

Libraries Support Resilient Communities

Modernizing BC's Emergency Program Act (EPA)

Protective Services: Changing the Negotiating Landscape

Provincial Poverty and Homelessness Community Actions

## Thursday, September 26 continued

8:00 AM – 9:00 AM

Election of Table Officers

8:30 AM – 8:35 AM

Second Report of the Nominating Committee for Executive Positions

8:35 AM – 8:55 AM

**Address by Leader of the Opposition:** Mr. Andrew Wilkinson, Q.C.

8:55 AM – 11:30 AM

**Resolutions Session Continues**

10:00 AM – 3:00 PM

Trade Show Open

11:30 AM – 11:35 AM

Nominations from the Floor for Executive Positions

11:35 AM – 12:00 PM

Candidate Speeches

12:00 PM – 1:30 PM

Delegates' Lunch

1:30 PM – 3:15 PM

Port of Vancouver Harbour Study Tour

2:00 PM – 5:00 PM

Election of Remaining Executive Positions

2:30 PM – 4:30 PM

**Workshops:**

Let's Not WASTE Time!

Building Child Care, Building Strong Communities

Tackling the Housing Crisis through Leadership &amp; Co-Creation

CityStudio Vancouver: A Model for Civic Innovation and Experimentation

UBC Campus Sustainability Tour

6:30 PM – 7:30 PM

**UBCM Reception**

7:30 PM – 11:30 PM

**UBCM Annual Banquet**

Presentation of Long-Service Awards and Life Memberships

## Friday, September 27

7:00 AM – 8:30 AM

Delegates' Continental Breakfast

7:30 AM – 8:30 AM

Election of Remaining Executive Positions

8:00 AM – 10:45 AM

**Resolutions Session Continues**

Consideration of:

Resolutions Received after the Deadline

Remaining Section "B" Resolutions

10:45 AM – 11:00 AM

Installation of President Elect

Port of Vancouver Cruise Prize Draw\*

11:00 AM – 12:00 PM

**Address by the Premier:** Premier John Horgan

12:00 PM

Adjourn

\*Only UBCM voting delegates are eligible and must be present to win.

## DELEGATE SERVICES

## Business Centre

Lidstone & Company Law Corporation is pleased to provide UBCM delegates with complimentary photocopying services during Convention week in the Main Lobby, VCC East.

Monday	12:00 PM – 5:00 PM
Tuesday	8:00 AM – 5:00 PM
Wednesday	8:00 AM – 5:00 PM
Thursday	8:00 AM – 2:00 PM

**Sponsored by Lidstone & Company Law Corporation**

## Wi-Fi, Delegates' Lounge, and Charging Station

Complimentary Wi-Fi service is available throughout the Vancouver Convention Centre East Building during Convention week as well as the meeting rooms at the Fairmont Waterfront Hotel Monday to Thursday, courtesy of Young Anderson Barristers & Solicitors.

VCC Wi-Fi network name: **UBCM**  
No password required.

Fairmont Waterfront network name: **Fairmont\_Meeting**  
Password: **UBCM**

## Event App

Download the 2019 Event App to access the full program offline on your mobile device even without Internet connection. Receive real-time alerts on Convention updates, customize your own schedule by saving sessions and events to your calendar, and access facility maps.

Explore even more functions on the Event App this year including instant messaging to connect with fellow delegates, taking session notes, and rating the sessions you attend.

To download the Event App, search **UBCM** on your app store, or visit [eventmobi.com/ubcm](http://eventmobi.com/ubcm) for the web version of the App.

**Sponsored by Ambulance Paramedics & Emergency Dispatchers of BC**

## Business Card Laminating Station

Complimentary business card laminating service is available for delegates, courtesy of the BC Professional Fire Fighters' Association.

Visit the laminating desk in the Main Lobby of VCC East.

Monday – Wednesday	7:00 AM – 4:00 PM
Thursday	8:00 AM – 2:00 PM

**Sponsored by BC Professional Fire Fighters' Association**

## The Compass and UBCM Daily News

Convention updates will be made available through *The Compass* and on-site through the UBCM Daily News.

Daily issues of *The Compass* are sent by email to registered Convention delegates Monday through Friday.

The UBCM Daily News is printed Wednesday through Friday and is distributed throughout the Vancouver Convention Centre including breakfast and refreshment service areas, the Delegates' Lounge and Registration.

**Sponsored by Stewart McDannold Stuart**



The energy to  
*think differently.*

### Enter to win \$1,500

We're giving away \$1,500 to a community charity during the UBCM Convention. Visit our booth to enter the draw.

**We're thinking differently about how we deliver energy today and tomorrow.**

That's why we continually invest in infrastructure and technology to provide sustainable energy solutions to customers and communities across the province. Forward-thinking, B.C.-based solutions like electric vehicle charging stations, Renewable Natural Gas and natural gas for transportation, are among the ways we're helping communities reduce emissions, reach climate goals affordably and prepare for a lower-carbon future.

*That's energy at work.*

**fortisbc.com**

## DELEGATE SERVICES CONTINUED

### Partner Program

Partners can book tours and experiences directly through each company or with Tourism Vancouver for discounted rates at participating member businesses. For more information including recommended attractions and restaurants, please visit our "Partner Program – Things To Do" webpage on our website or visit the Partner Tour Desk located in the Main Lobby of the Vancouver Convention Centre East Building during the hours below.

Tuesday 11:30 AM – 1:30 PM  
Wednesday 8:00 AM – 12:00 PM

### Trade Show Hydration Station

Located in the center of the Trade Show floor (Exhibit Hall B) this relaxing area is the perfect spot for attendees and exhibitors to network and refresh. The hydration station will be open during Trade Show hours.

Sponsored by **Connected Communities - Ministry of Citizens' Services (Booth 611)**



**Advice and Advocacy**  
for Local Government



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For regular updates about the latest developments in local government law:

Visit our website: [www.sms.bc.ca](http://www.sms.bc.ca)

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## GOVERNMENT APPOINTMENTS

## Provincial Government Staff Meetings

For local government elected officials or senior staff who wish to request a meeting with provincial government staff at Convention, visit the Provincial Appointments Desk at the locations listed below.

**Monday & Tuesday**

Main Lobby, VCC East

8:30 AM – 4:30 PM

**Wednesday & Thursday**

Exhibit Hall C, VCC East

8:30 AM – 4:30 PM

## Premier and Cabinet Ministers Meetings

For meetings with the Premier and Cabinet Ministers, including Minister Robinson, please check your meeting confirmation for room location.

## CONTINENTAL BREAKFASTS

**Tuesday**

7:00 AM – 8:30 AM

Continental Breakfast for Clinic Attendees  
East Foyer, VCC East

**Sponsored by EngAge BC****Wednesday**

7:00 AM – 8:30 AM

Delegates' Continental Breakfast  
Ballroom B & C, VCC East

Clinic Attendees' Breakfast  
East Foyer, VCC East

**Sponsored by Lidstone & Company Law Corporation****Thursday**

7:00 AM – 8:30 AM

Delegates' Continental Breakfast  
Ballroom B & C, VCC East

Clinic Attendees' Breakfast  
East Foyer, VCC East

**Sponsored by Trans Mountain Expansion Project****Friday**

7:00 AM – 8:30 AM

Delegates' Continental Breakfast  
Ballroom B & C, VCC East

**Sponsored by Motion Picture Production Industry Association**

## NETWORKING EVENTS

**Monday, September 23****Electoral Area Directors' Meet & Greet**

7:00 PM – 8:00 PM  
Terrace Room, Level 3, Fairmont Waterfront Hotel

**Tuesday, September 24****Forum Lunches**

12:00 PM – 1:30 PM

Electoral Area Directors  
Ballroom C, Fairmont Waterfront Hotel

**Sponsored by CN**

Small Talk  
Ballroom C, VCC East

**Sponsored by Municipal Insurance Association of BC**

Mid-Sized Communities  
Crystal Pavilion, Fairmont Pan Pacific Hotel

**Sponsored by BC Council of Forest Industries**

Large Urban Communities  
Room 8, VCC East

**Sponsored by TELUS****Community Excellence Awards Ceremony**

5:00 PM – 6:00 PM  
Ballroom A/B, VCC East

**Sponsored by Municipal Finance Authority of BC (Gold), Urban Systems (Gold), and Joint Provincial-UBCM Green Communities Committee (Silver)**

Welcome Reception  
6:30 PM – 8:30 PM

Emerald & Sapphire Ballrooms, Level 3, Fairmont  
Pacific Rim Hotel

**Sponsored by Lidstone & Company Law Corporation****Wednesday, September 25****Area Association Lunches**

12:00 PM – 1:30 PM

AKBLG Ballroom A/B, Fairmont  
Waterfront Hotel

AVICC Ballroom B, VCC East

LMLGA Ballroom C, VCC East

NCLGA Ballroom A, VCC East

SILGA Ballroom C, Fairmont Waterfront  
Hotel

**Trade Show Reception**

4:00 PM – 5:00 PM  
Exhibit Hall B, VCC East

**Sponsored by BC Recycles****BC Government Reception**

5:00 PM – 6:30 PM  
Ballroom B, VCC East

**Consulate-General of the People's Republic of China in Vancouver Reception**

6:30 PM – 8:00 PM  
Mackenzie Ballroom, Fairmont Waterfront Hotel

**CUPE BC Reception**

8:00 PM – 12:00 AM  
Rooms 301-305, 3rd Floor, VCC West Building

**Thursday, September 26****Delegates' Lunch**

12:00 PM – 1:30 PM

Ballroom A, VCC East

**UBCM Reception**

6:30 PM – 7:30 PM  
Ballroom A, VCC East

**Sponsored by FortisBC****UBCM Annual Banquet**

7:30 PM – 11:30 PM  
Exhibit Hall A, VCC East

Sponsored by FortisBC (Platinum), Canadian  
Association of Petroleum Producers (CAPP) (Gold),  
Coastal GasLink Pipeline Project (Silver)  
Wine Sponsored by KPMG

## THANK YOU

## To the 2019 Convention Sponsors

Annual Banquet		Contributing Sponsors	
Platinum	FortisBC	Association for Mineral Exploration	Civic Legal LLP
Gold	Canadian Association of Petroleum Producers (CAPP)	Dominion GovLaw LLP	E-Comm 9-1-1
Silver	Coastal GasLink Pipeline Project	SFU Continuing Studies	Fulton
Annual Banquet - Wine		Convention Bulletin	
KPMG		BC Used Oil Management Association	
Banquet Reception		Convention Program	
FortisBC		BC Assessment	BC Building Trades
		Pacific Blue Cross	
Business Card Laminating Station		Daily News & The Compass	
BC Professional Fire Fighters' Association		Stewart McDannold Stuart	
Business Centre		Delegate Draw Prize - Cruise Tour	
Lidstone & Company Law Corporation		Port of Vancouver	
Coffee Service		Delegates' Lounge with Wi-Fi and Charging Station	
BCLC		Young Anderson Barristers & Solicitors	
Coast Capital Savings Federal Credit Union			
CONCRETE BC			
Shaw Communications Inc.			
Wood WORKS!			
Community Excellence Awards		Delegate Services Desk	
Gold	Municipal Finance Authority of BC Urban Systems	New Car Dealers Association of BC	
Silver	Joint Provincial - UBCM Green Communities Committee		
Continental Breakfast		Electoral Area Directors Forum Lunch	
EngAge BC		CN	
Lidstone & Company Law Corporation			
Motion Picture Production Industry Association			
Trans Mountain Expansion Project			
Event App		Keynote Address	
Ambulance Paramedics & Emergency Dispatchers of BC		Municipal Finance Authority of BC	

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## MONDAY PRE-CONVENTION

## Agricultural Study Tour

8:00 AM – 4:30 PM  
**Location:** Sechelt Foyer, Fairmont Waterfront Hotel  
**Please Note:** Buses depart at 8:30 AM

**Details:** Join the BC Ministry of Agriculture on a tour of West Abbotsford to showcase a broad and diverse range of farm operations that help ensure the resiliency of the agricultural industry in the lower mainland. By visiting several agricultural operations, you'll discover the challenges related to planning for agriculture in the Fraser Valley, where increased development and land prices have put pressure on farmers and farm operations. You'll hear about the intensification of agriculture and the way this is shaping the industry in the Fraser Valley. Tour stops may include:

- A large-scale mushroom farm
- A small scale pasture raised poultry operation
- A diversified farm operation with honeybees, mead and agritourism
- A greenhouse and garden centre

Breakfast will not be provided, but lunch will be provided and there may be an opportunity to purchase local farm products. Please dress for the weather and wear farm-appropriate footwear. Please note that encounters with bees are likely on this tour; if allergic please come with appropriate medications and speak with the tour directors about how best to avoid being stung. Partner/spouses are welcome as well, but must formally register for the tour, as there is a fixed limit to the number of people that can attend.

## Financing Reconciliation: Supporting Inclusive Governance in BC – “That We May Be Good People Together”

9:00 AM – 4:30 PM

**Room:** Ballroom A/B, Fairmont Waterfront Hotel

**Details:** In 2018, members endorsed resolution B150, calling on the Province and Federal Government to identify approaches to better finance local government and First Nation service delivery in ways that support the implementation of Truth and Reconciliation Calls to Action and the UN Declaration on the Rights of Indigenous Peoples. This session will bring together representatives from First Nations, local government and academia to consider opportunities and next steps for advancing new approaches to financing reconciliation. The session will also feature general updates on Indigenous relations in BC. Lunch will be provided.

## Tour of Supportive Modular Housing

9:00 AM – 12:00 PM

**Room:** Ballroom C, Fairmont Waterfront Hotel

**Details:** The Province announced the Rapid Response to Homelessness initiative in 2017 to create 2,000 modular supportive housing units as an immediate response to the growing issue of homelessness in communities across BC. As part of this initiative, BC Housing and the City of Vancouver partnered to create 600 of these units in Vancouver. Join BC Housing and their non-profit housing providers on a tour of a number of these sites in Vancouver to see how tenants and neighbourhoods have been positively impacted by supportive housing. Transportation will be provided.

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## MONDAY PRE-CONVENTION

## Disrupting Money Laundering

9:00 AM – 12:00 PM

**Room:** MacKenzie Ballroom, Fairmont Waterfront Hotel

**Details:** Reports commissioned by the Ministry of Finance and the Attorney General have cast a light on the societal harm resulting from money laundering. Not only does money laundering play a critical role in sustaining the criminal economy, but it is also a significant contributor to the escalation of housing costs in B.C. communities. This policy session will draw upon a range of experts from the fields of criminal law, investigation, enforcement, and regulation to explore the effects of money laundering on BC communities. This session will also explore investigative and prosecutorial and regulatory changes needed at all levels of government to build a more effective anti-money laundering regime, with a particular focus on disrupting the illegal activity of money laundering in BC real estate.

## Prioritizing Emergency Management

9:00 AM – 12:00 PM

**Room:** Ballroom B, VCC East

**Details:** The past several years have seen an unprecedented rise in the magnitude of provincial disasters, and in particular floods and wildfires. This session will examine how local governments are working with other orders of government to seek improvements in disaster management. Presenters will outline some of the initiatives currently underway, including the ongoing review of BC's 911 framework, as well as collaborative efforts between local governments and the Province. Featured presenter George Abbott, co-chair of the Independent Flood and Wildfire Review, will discuss partnerships in emergency management.

## Tools, Funding &amp; Resources for Local Governments

1:30 PM – 4:30 PM

**Room:** Ballroom B/C, VCC East

**Details:** This half-day session will provide opportunities for delegates to meet with representatives from over 25 agencies that provide tools, resources, funding or other supports that help local governments to increase capacity and undertake local planning, projects and development.



Our lawyers provide solicitor and litigation services to local governments.

Areas of practice include local government, land development, construction, procurement, infrastructure, insurance and commercial law.

[www.civiclegal.ca](http://www.civiclegal.ca)

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## Towards Parity: Breaking Down Barriers, Building Momentum

1:30 PM – 4:30 PM

**Room:** Room 1, VCC East

**Details:** Women represent 50.4% of the Canadian population, but in most provinces, represent less than 30% of local elected officials. With 36.7% women elected in 2018, BC local governments are leaders, but there is still work to do to reach parity. The Toward Parity session will highlight the Federation of Canadian Municipalities' (FCM) recently adopted national action to remove barriers and support more women to run, win and stay in local elected office. Delegates will also hear from local elected women across communities who will share their experiences and leadership tips. The provincial government will highlight its Gender Based Analysis+ initiative and how it is being applied in BC. Following presentations, an informal networking reception will be held so delegates can connect with one another and with representatives from leading women's organizations.

## BC Mayors' Caucus

1:30 PM – 4:30 PM

**Room:** MacKenzie Room, Fairmont Waterfront Hotel

**Details:** The Mayors' Caucus is an opportunity for mayors to get together and discuss common issues and concerns. This session is exclusively for mayors from municipalities across BC.

## New Delegates' Orientation

4:45 PM – 5:45 PM

**Room:** Ballroom A/B, Fairmont Waterfront Hotel

Attending your first UBCM Convention? This session is a must for you. As a first-time delegate, this session will help you understand:

- How the resolutions process works;
- When electronic voting is used and how to use your keypad;
- How to use the pro/con microphones;
- How the UBCM Executive is elected;
- Where to find delegate services; and,
- General tips on how to survive your first UBCM Convention.

Our seasoned Executive members will provide sage advice to ensure you get the most out of your first UBCM experience. See you there!

## Electoral Area Directors' Meet and Greet

7:00 PM – 8:00 PM

**Room:** Terrace Room (Level 3), Fairmont Waterfront Hotel

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## TUESDAY PRE-CONVENTION

7:30 AM – 8:30 AM CLINICS

## Emergency Health Services: Developing Municipal Agreements

**Room:** Room 8/15, VCC East**Presenters:****Barb Fitzsimmons**, Chief Operating Officer, BC Emergency Health Services**Dr. John Talon**, Vice-President, Clinical and Medical Programs, BC Emergency Health Services**Dr. Ian Rongve**, Assistant Deputy Minister, Provincial, Hospital and Laboratory Health Services**Nancy Kotani**, Chief Transformation Officer, BC Emergency Health Services

**Details:** This session is presented on behalf of the Ministry of Health and BC's Emergency Health Services (BCEHS). In response to recommendations from the BC Auditor General's Access to Emergency Health Services Report, the Ministry and BCEHS are committed to working with local governments to ensure BC residents experience coordinated, high-quality and effective pre-hospital care and inter-facility transfer. Specific topics to be addressed are: medical oversight and accountability across agencies, data sharing and the Clinical Response Model (including consent agreements with local fire departments, and appropriate emergency notification for first responders). This session will serve as a foundation for future intergovernmental collaboration between the BCEHS and provincial/municipal governments on timely access to quality emergency health services in urban, rural, and remote regions across the province.

## Hydrogen 101

**Room:** Room 11, VCC East**Presenters:****Nick Clark**, Senior Economist, Clean Transportation Branch, Ministry of Energy, Mines and Petroleum Resources**Kristen Littler**, Policy Analyst, Energy and Industry Decarbonization, Ministry of Energy, Mines and Petroleum Resources**Leanne Sharp**, Hydrogen Infrastructure Team Lead - Advanced Transportation, Powertech Labs**Colin Armstrong**, President and CEO, Hydrogen Technology & Energy Corporation

**Details:** The Hydrogen Roadmap will clarify the role of hydrogen in decarbonizing BC's energy systems. The Clinic will focus on opportunities for hydrogen to reduce GHGs and improve air quality by transforming transportation and other energy use in BC communities. Topics for this Clinic will include:

- hydrogen basics;
- hydrogen safety;
- zero-emission transportation for municipal fleets and how fuel cell electric vehicles (FCEVs) are a flexible, long-term option;
- community deployment (e.g., CRD fleet and refueling station permitting);
- the role of hydrogen in lowering GHGs from heating and industry by reducing the emissions
- intensity of natural gas.

## Remuneration for Elected Officials: A Best Practices Approach

**Room:** Room 12, VCC East**Presenter:****Allan Neilson**, Neilson Strategies Inc.

**Details:** In response to a resolution endorsed at the 2018 Convention, UBCM has developed a best practices guide to assist local governments in the development of remuneration policies for elected officials. Consultant Allan Neilson (Neilson Strategies Inc.) will review the research behind the guide, as well as some of the best practices featured in the document.

## Moose Hide Campaign: Taking a Stand for Safety

**Room:** Room 14, VCC East**Presenters:****David Stevenson**, CEO, Moose Hide Campaign**Raven Lacerte**, Co-Founder and Youth Ambassador, Moose Hide Campaign

**Details:** Starting as a grassroots movement along the "Highway of Tears" to engage men and boys to take a stand against violence towards women and girls, the Moose Hide Campaign is now in over 1000 communities across Canada. Embraced by all levels of government and sectors of society, the Moose Hide Campaign is cited by First Nations and governments as a concrete way to respond to the Truth and Reconciliation Commission and the United Nations Declaration on the Rights of Indigenous Peoples. The Moose Hide Campaign is also highlighted in the MMIW Final report as a key initiative to support ally ship. This workshop will provide detailed practical tools and concrete examples to support your municipality to host a Moose Hide Campaign day and create a safer, more resilient community.

## Championing Earthquake Safety and Risk Reduction

**Room:** Room 13, VCC East**Presenters:****Shaun Koopman**, Protective Services Coordinator & UBCM Representative on Seismic Safety Council, Strathcona Regional District**Jessica Shoubridge**, Director, Earthquake Engineering Research Institute**Teron Moore**, Public Safety Program Manager – Innovation Centre, Ocean Networks Canada**Robert White**, Seismic Safety Specialist, Emergency Management British Columbia**John Cassidy**, Research Scientist, Natural Resources Canada**Sahar Safaie**, Founder & Principal Consultant, Sage on Earth Consulting Ltd.

**Details:** This session will showcase the current challenges and opportunities with seismic programs in BC and raise awareness of the need to consistently support these efforts over time through a governance framework. Participants will gain information regarding the components of reducing risk, and building community resilience will be discussed with participants to gain input, including: technology and research, enhancing seismic early warning systems, seismic retrofitting and performance-based design for infrastructure and buildings, and response/recovery/reconstruction approaches.

**Agenda**

Outline the importance of sustainable funding for seismic initiatives.  
Earthquake early warning initiatives.  
Identify seismic safety gaps.  
Audience consultation for a path forward.

## TUESDAY PRE-CONVENTION

## 9:00 AM – 1:30 PM FORUMS &amp; LUNCHES

## Forums

9:00 AM – 12:00 PM

**Electoral Area Directors**

Ballroom A/B, Fairmont Waterfront Hotel

**Small Talk**

Ballroom A, VCC East

**Mid-Sized Communities**

Room 11/12, VCC East

**Large Urban Communities**

Room 1, VCC East

## Forum Lunches

12:00 PM – 1:30 PM

**Electoral Area Directors**

Ballroom C, Fairmont Waterfront Hotel

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**Small Talk**

Ballroom C, VCC East

Sponsored by Municipal Insurance Association of BC

**Mid-Sized Communities**

Crystal Pavilion, Pan Pacific Hotel

Sponsored by BC Council of Forest Industries

**Large Urban Communities**

Room 8, VCC East

Sponsored by TELUS

## 1:45 PM – 3:00 PM PLENARY

## BC's Energy Futures

1:45 PM – 2:45 PM

Room: Ballroom A/B, VCC East

**Presenters:****Josie Osborne**, Mayor, District of Tofino**Lisa Helps**, Mayor, City of Victoria**Lori Ackerman**, Mayor, City of Fort St. John**Caitlyn Vernon**, Campaigns Director, Sierra Club**Blair King**, Environmental Scientist**Mark Podlasly**, Director of Governance, First Nations Financial Management Board

**Details:** How do we balance local climate action and local government energy needs with the desires and aspirations of our residents and businesses? Local governments across BC are actively engaged in climate action and planning and implementing actions for a low or no carbon future. Yet, discourse around the council or board table, at local government conventions, and in the public sphere can be polarized, partisan and counter-productive. Through perspectives and responses from panelists from urban and rural BC, this session will be an open and constructive dialogue on future opportunities for BC local governments.

**Please Note:** This session will include the use of an interactive Q&A and audience-polling platform called Slido. To participate, go to [www.sli.do](http://www.sli.do) on your smart phone, tablet or laptop and enter the Event Code located on the left side of the presentation screen. An internet or cellular data connection is required.

## Address by FCM

2:45 PM – 3:00 PM

Room: Ballroom A/B, VCC East

Address by FCM President, Councillor Bill Karsten

## 3:15 PM – 4:45 PM PROVINCIAL POLICY SESSIONS

## Connected Communities BC: Enhancing Resiliency through Connectivity

Room: Room 8/15, VCC East

**Presenters:****Jinny Sims**, Minister of Citizens' Services, Ministry of Citizens Services**Susan Stanford**, Assistant Deputy Minister, Ministry of Citizens' Services**Panel of Local Government Leaders**

**Details:** The Government of BC has announced the largest investment to date to expand high-speed internet for over 200 rural and Indigenous communities - \$50m. Citizens' Services is keen to ensure local governments (LGs) are digitally ready and able to take advantage of the benefits connectivity can fuel including, online learning and telehealth care benefits, emerging digital economy opportunities, environmental stewardship, economic resiliency and emergency preparedness and response. This workshop will showcase four Connected Communities video stories, followed by an insights panel, that will share key lessons learned on how LGs are leveraging connectivity plans and investments to achieve community goals and better quality of life outcomes.

## Ride-Hailing: What can Local Governments Expect

Room: Room 2/3, VCC East

**Presenters:****Steven Haywood**, Executive Lead, Taxi Modernization & Ride Hailing, Ministry of Transportation & Infrastructure**Lynne Tang**, Director, Community and Legislative Services, Ministry of Municipal Affairs and Housing**Jeremy Wood**, Senior Legislative Director, Ministry of Transportation & Infrastructure**Michele Jaggi-Smith**, Registrar and Director, Passenger Transportation Branch

**Details:** In the fall of 2018, Government approved the new ride hailing and taxi modernization legislation. The regulations that will bring the legislation into force and enable ride hailing to come to BC are set to take effect soon. Staff from the Ministry of Transportation & Infrastructure will present the new ride hailing framework at this workshop. There will also be an opportunity to discuss changes to local government legislation and local governments' powers as they pertain to vehicles for hire, including taxis and commercial ride hail vehicles.

## 3:15 PM – 4:45 PM PROVINCIAL POLICY SESSIONS CONTINUED

### Resiliency and Change in BC Forests

**Room:** Room 1, VCC East

**Presenters:**

**Jim Schafthuizen**, A/Executive Director, Forest Policy and Indigenous Relations Division, Ministry of Forests, Lands and Natural Resource Operations and Rural Development

**Shane Berg**, Deputy Chief Forester, Ministry of Forests, Lands and Natural Resource Operations and Rural Development

**Jennifer Gunter**, Executive Director, BC Community Forests Association

**Jeff Mycock**, Chief Forester, BC Operations, West Fraser

**Christine Gelowitz**, CEO, Association of BC Forest Professionals

**Details:** BC's forest sector is in a period of transition in response to the impacts of global markets, climate change, and more recently, amendments to forest policy and legislation. This session will highlight the many changes underway in BC's forest sector and discuss the impacts for BC communities, the Province, the forest industry and other forestry associations.

Local governments will have an opportunity to hear different perspectives and opinions on how all interests can work collectively to address the challenges impacting the forest sector; mitigate the impacts; and build stronger, resilient BC communities.

### Tourism by Design: Planning for Resilient Communities

**Room:** Room 12, VCC East

**Presenters:**

**Amber Mattock**, Director Policy and Investment Alignment, Ministry of Tourism, Arts and Culture

**Seppe Mommaerts**, Manager, Destination Development, Destination BC

**Details:** Communities do not become desirable destinations overnight; it takes thoughtful planning, coordination and an understanding of what motivates people to travel. The province's Strategic Framework for Tourism outlines a clear plan to support communities prepare for and manage tourism. In this session, representatives from the Ministry of Tourism, Arts and Culture and Destination BC will provide an update on the Destination Development planning process. A panel of local government representatives will share their perspectives on destination development and discuss ways that local governments can work with the Province, community partners and the tourism sector to capitalize on emerging tourism opportunities as well as equip you with the knowledge needed to make better policy decisions and investments to help your community move from simply being open for business to harnessing the full power of tourism as an economic generator and community resiliency builder.



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## TUESDAY PRE-CONVENTION

3:15 PM – 4:45 PM PROVINCIAL POLICY SESSIONS  
CONTINUED

## CleanBC &amp; Provincial Adaptation Strategy

**Room:** Room 11, VCC East**Presenters:**

**Archie Ridell**, A/Executive Director, Resilience and Clean Government, BC Climate Action Secretariat  
**Tina Neale**, Director, Climate Risk Management, BC Climate Action Secretariat  
**Ben Finkelstein**, A/Director, Partnerships, BC Climate Action Secretariat

**Details:** This will be an interactive workshop with two primary goals:

1. Outline local government support and tools under CleanBC and share the recent Strategic Climate Risk Assessment for BC
2. Solicit input on development of the Province's Climate Adaptation Preparedness Strategy, slated for release in 2020.

Both items will be linked to the work of UBCM's newly created Special Committee on Climate Action.

## 4:00 PM – 6:00 PM

## Municipal Insurance Association of BC Member Orientation

4:00 PM – 4:30 PM

**Room:** Ballroom A/B, Fairmont Waterfront Hotel

## Municipal Finance Authority Semi-Annual Meeting

4:00 PM – 5:00 PM

**Room:** Malaspina Room, Fairmont Waterfront Hotel

## Municipal Insurance Association of BC AGM

4:30 PM – 6:00 PM

**Room:** Ballroom A/B, Fairmont Waterfront Hotel

## 5:00 PM – 8:30 PM

## Community Excellence Awards Ceremony

5:00 PM – 6:00 PM

**Room:** Ballroom A/B, VCC East

**Details:** The Community Excellence Awards recognize and celebrate UBCM members that have implemented projects and programs that demonstrate excellence in meeting the purposes of local government in BC. The awards are designed to profile promising practices and to create successful pathways and incentives for others to follow. The categories are:

- Excellence in Governance
- Excellence in Service Delivery
- Excellence in Asset Management
- Excellence in Sustainability

**Sponsored by Municipal Finance Authority of BC (Gold), Urban Systems (Gold), and Joint Provincial-UBCM Green Communities Committee (Silver)**

## UBCM Welcome Reception

6:30 PM – 8:30 PM

**Room:** Emerald & Sapphire Ballrooms, Level 3, Fairmont Pacific Rim Hotel**Sponsored by Lidstone & Company Law Corporation**


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## WEDNESDAY SESSIONS

7:30 AM – 8:15 AM CLINICS

## Be Fair: Responding Effectively to Complaints

**Room:** Room 14, VCC East**Presenters:****Rachel Warren**, Manager - Prevention Initiatives Team, Office of the BC Ombudsperson**Nathan Paul**, A/Manager - Health and Local Services Team, Office of the BC Ombudsperson

**Details:** This clinic will offer an overview of administrative fairness standards in the local government context and provide strategies and practical tips on how to respond fairly during interactions with the public, including in more challenging circumstances. We will share lessons learned from our Office's 24 years of experience investigating complaints about local governments that were not resolved at the local level. Participants will have an opportunity to discuss the unique challenges they face in their communities, share some best practices in complaint handling, and work together to apply essential skills in resolving some of the typical kinds of complaints local governments receive. In our experience, fairness involves not just following consistent and transparent decision-making processes, but also communicating and responding effectively to complaints and concerns received from the public.

## Revitalized Legislative Framework for the ALR

**Room:** Room 15, VCC East**Presenters:****James Mack**, ADM, Agriculture Science & Policy Division, BC Ministry of Agriculture**Kim Grout**, CEO, Agricultural Land Commission

**Details:** This session will highlight the important role of local governments in the revitalized legislative framework for planning and decision-making in the Agricultural Land Reserve. Further to Bill 52-2018 and Bill 15-2019, new legislative changes work to protect the productive capacity of the ALR by reducing speculation and non-farm development, and increasing the role and tools of the Agricultural Land Commission especially with respect to residential structures in the ALR. This session will increase dialogue and understanding and support the ongoing engagement of local governments with the ALC in a revitalized ALR.

## Ship-source Oil Pollution: Compensation 101

**Room:** Room 13, VCC East**Presenters:****Ryan Gauvin**, Legal Counsel, Office of the Administrator of the Ship-source Oil Pollution Fund**Sheila Malcolmson**, MLA and Parliamentary Secretary for the Environment, Government of British Columbia**Leonard Krog**, Mayor, City of Nanaimo**Rodney Grounds**, Harbour Master, Nanaimo Port Authority

**Details:** *How can you get money back for spending related to ships or boats that spill or threaten to spill oil in your community?* Using a case study where compensation was paid by the Ship-source Oil Pollution Fund, this session will outline access to justice and describe the compensation process available to responders, and for losses related to the local economy, tourism, fishing. Additionally, Sheila Malcolmson, MLA and Parliamentary Secretary for the Environment, the Mayor of Nanaimo and the Harbour Master of the Nanaimo Port Authority will present best practices, programs, and resources aimed at mitigating the impacts of oil spills from all classes of vessel: from abandoned boats to tankers.

## Elected Officials Must Themselves be Resilient

**Room:** Room 12, VCC East**Presenters:****Sukhbir Manhas**, Partner, Young Anderson**Jan Enns**, Principal, Jan Enns Communications

**Details:** The proper functioning of local governments begins with the ability of their elected officials to effectively carry out their duties. While social media offers elected officials a dynamic platform to both inform and engage constituents, its amplified and unregulated arena can often present significant challenges for elected officials. This session explores how elected officials can better manage their online presence and provides key steps to help elected officials navigate the "nasty" online comments they may experience through their term of office. This session then explores the legal recourse available to elected officials in addressing social media where there is really no viable alternative. In particular, the session will review the laws relating to defamation as they relate to elected officials.

## Convention Finance and Sponsorship Review

**Room:** Room 11, VCC East**Presenters:****Frank Leonard**, Consultant, Formerly the Mayor of Saanich and UBCM President**Members of Review Panel**

**Details:** UBCM's Executive has created a review to evaluate the finance and sponsorship policies for its annual Convention. This session will provide an overview on the current finance and sponsorship practices for UBCM's annual meeting, and the rationale for those practices. Members of the Review Panel will guide participants through a range of policy options in advance of a session for member input to be held later in the Convention agenda. Based on input provided by UBCM's membership, the Review Panel will make recommendations to the Executive in time for implementation at the 2020 Convention.



## WEDNESDAY SESSIONS

8:30 AM – 10:40 AM

## Convention Opening Session

8:30 AM - 9:00 AM

Room: Exhibit Hall A, VCC East

O Canada

Welcome from Squamish Nation, Tsleil-Waututh First Nation, and Musqueam Indian Band  
 Welcome from the Host Community  
 Address by the UBCM President

## Annual Meeting

9:00 AM - 9:20 AM

Adoption of Conference Rules and Procedures  
 Adoption of Minutes of 2018 Convention  
 Annual Report

Question-and-Answer Period  
 Adoption of Financial Statements  
 Appointment of Auditors

9:20 AM - 9:25 AM

First Report of the Nominating Committee for the Positions of Table Officers

## Keynote Address: Peter Mansbridge

9:25 AM – 10:25 AM



Peter Mansbridge is one of Canada's most respected and recognizable figures. For five decades, including his 29 years as the anchor of CBC's The National, he has guided us through the political, economic, and cultural events that have shaped the country. Through a unique lens of journalistic expertise, Mansbridge offers us guidance on how to cultivate trust, take pride in our heritage, and navigate leadership through times of upheaval.

Mansbridge's sterling career at the CBC is without precedent. He served as the chief correspondent of CBC News, helmed its flagship show The National, anchored all CBC News specials, and hosted the intelligent interview show Mansbridge: One on One. For his work, Mansbridge has received over a dozen national awards for broadcast excellence—yet for all the accolades, he remains an astoundingly grounded individual, with a gentle humour and trademark integrity. Reflecting back on his journalism career, which has taken him across the country and the planet, he told CBC's The Current, "When you hear from others about their perceptions of Canada, it opens your eyes about the country you live in. You learn things about yourself you didn't know."

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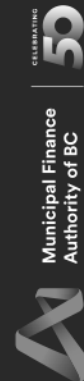
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## WEDNESDAY SESSIONS

## Address by the Leader of the Green Party

10:25 AM – 10:40 AM

Address by Dr. Andrew Weaver

10:40 AM – 2:45 PM

## UBCM Convention Finance &amp; Sponsorship Review Survey

10:40 AM – 11:00 AM

## Principal Policy Session: Resolutions

11:00 AM – 11:55 AM

## Nominations From the Floor for Table Officer Positions

11:55 AM – 12:00 PM

## Area Association Lunches

12:00 PM – 1:30 PM

AKBLG Ballroom A/B, Fairmont Waterfront Hotel  
 AV/CC Ballroom B, VCC East  
 LMLGA Ballroom C, VCC East  
 NCLGA Ballroom A, VCC East  
 SILGA Ballroom C, Fairmont Waterfront Hotel

## Address by the Minister of Municipal Affairs and Housing

2:00 PM – 2:30 PM

Honourable Selina Robinson

## Candidate Speeches

2:30 PM - 2:45 PM

## Election of Table Officers

2:45 PM - 5:00 PM

## 3:00 PM – 4:15 PM PROVINCIAL CABINET TOWN HALLS

## A Place Worth Protecting

Room: Room 1, VCC East

Honourable George Heyman, Minister of Environment and Climate Change Strategy  
 Honourable Michelle Mungall, Minister of Energy, Mines and Petroleum Resources  
 Honourable Mike Farnworth, Minister of Public Safety and Solicitor General  
 Sheila Malcolmson, MLA, Parliamentary Secretary for Environment  
 Jennifer Rice, MLA, Parliamentary Secretary for Emergency Preparedness

## Good Jobs and Training Opportunities

Room: Room 2/3, VCC East

Honourable Melanie Mark, Minister of Advanced Education, Skills and Training  
 Honourable Bruce Ralston, Minister of Jobs, Trade and Technology  
 Honourable Harry Bains, Minister of Labour  
 Honourable Doug Donaldson, Minister of Forests, Lands and Natural Resource Operations

## Reconciliation: Moving Forward, Together

Room: Room 8/15, VCC East

Honourable Carole James, Minister of Finance and Deputy Premier  
 Honourable Scott Fraser, Minister of Indigenous Relations and Reconciliation  
 Honourable David Eby, Attorney General  
 Honourable Katrine Conroy, Minister of Children and Family Development

## Strong Community Infrastructure

Room: Room 11/12, VCC East

Honourable Claire Trevena, Minister of Transportation and Infrastructure  
 Honourable Selina Robinson, Minister of Municipal Affairs and Housing  
 Honourable Adrian Dix, Minister of Health  
 Honourable Rob Fleming, Minister of Education

## 4:00 PM – 5:00 PM

## Trade Show Reception

4:00 PM – 5:00 PM

Room: Exhibit Hall B, VCC East

**Details:** Engage with exhibitors while enjoying a cool beverage and a few nibbles. You'll find a complimentary drink ticket inside the back pocket of your delegate badge. Review exhibitor profiles on your smart phone or mobile device using the Convention Event App.

Sponsored by BC Recycles (Booth #501)

## WEDNESDAY SESSIONS

4:00 PM – 5:00 PM CONTINUED

## Presentation of 2019 Energy &amp; Climate Action Awards

4:15 PM – 4:30 PM

Room: Room 1, VCC East

## THURSDAY SESSIONS

7:30 AM – 8:15 AM CLINICS

## Getting Older Adults Active and Connected

Room: Room 8/15, VCC East

## Presenters:

**Joanie Sims-Gould**, Associate Professor, University of British Columbia  
**Christa Hoy**, Program and Evaluation Manager, University of British Columbia Active Aging Research Team

**Sarah Lusina-Furst**, Director, Strategic Partnerships, University of British Columbia Active Aging Research Team

**Details:** Population aging presents tremendous challenges and opportunities across the globe. Opportunities are realized when older citizens are healthy, connected, and active; municipalities have great influence on the type and availability of these opportunities. In this workshop, you will learn how Active Aging BC is helping older adults get active and connected – and live their best lives in their communities. Active Aging BC's signature initiative, Choose to Move, provides personalized support that helps older adults incorporate sustainable physical activity and social connections in their day-to-day lives and links them to existing local resources, services, and agencies. In this presentation, you will learn about the aging imperative and bold actions for leaders, how to equitably support older adults, and how you can implement Choose to Move for your older citizens.

## Libraries Support Resilient Communities

Room: Room 14, VCC East

## Presenters:

**Matt Boyd, Trustee**, Greater Victoria Public Library Board

**Jennifer Chan, Vice-Chair**, Vancouver Public Library Board

**Mike Gagel, Chair**, Prince George Public Library Board & President, BC Libraries Trustees Association

**Karen Ranalletta**, General Vice President, CUPE BC

**Christina de Castell**, Chief Librarian, Vancouver Public Library

**Details:** Eric Klinenberg in *Palaces for the People* asks "Why have so many public officials and civic leaders failed to recognize the value of libraries and their role in social infrastructure?" Libraries are existing civic amenities found in nearly every community in BC. They build a sense of belonging; support newcomers, families and the most vulnerable; and provide opportunities for everyone to learn and change their lives. Libraries' ability to carry out these functions depends on municipal and provincial leaders who understand and support their current and evolving services, and recognize that libraries help communities address their most urgent needs. Join Vancouver, Saanich, and Prince George libraries and trustees, with CUPE BC, to hear how libraries provide critical social infrastructure and the outcomes they achieve, while increasing affordability for everyone.

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## Modernizing BC's Emergency Program Act (EPA)

Room: Room 11, VCC East

## Presenters:

**Lori Halls**, Deputy Minister, Emergency Management BC

**Cameron Lewis**, Executive Lead - Emergency Management Review, Emergency Management BC

**Heather Brazier**, Executive Director - Policy and Legislation, Emergency Management BC

**Details:** Flood and wildfire seasons exposed that our emergency management system requires major change to enhance BC community resilience for what climatologists predict will be more frequent and intense weather events resulting in more disasters. This session presents an opportunity to engage with delegates on how, together, we can learn lessons from the past and ensure we broaden our approach to emergency management to include all four pillars -- mitigation, preparedness, response and recovery. The session will provide delegates with information on actions being led by EMBC, including modernizing the EPA and how the Province can capture critical local government input.

## Protective Services: Changing the Negotiating Landscape

Room: Room 13, VCC East

## Presenters:

**Kevin Murdoch**, Board Chair, Greater Victoria Labour Relations Association, Oak Bay Police Board

**Paddy Bradley**, Executive Director, Greater Victoria Labour Relations Association

**Peter Gall, Q.C.**, Partner, Gall Legge Grant Zwack

**Details:** Fire and police services account for an ever-increasing percentage of municipal budgets. Many municipalities feel constrained by the Fire and Police Services Collective Bargaining Act, as evidenced by the many endorsed UBCM motions calling for improvements to the Act.

Recent decisions have significantly changed the bargaining landscape, allowing for more meaningful negotiations, improved resiliency of services, and consideration of local conditions

## Provincial Poverty and Homelessness Community Actions

Room: Room 12, VCC East

## Presenters:

**Raymond Fieltsch**, Executive Director, Office of Homelessness Coordination, Ministry of Social Development and Poverty Reduction

**Lorraine Copas**, Executive Director, Social Planning and Research Council of BC (SPARC BC)

**Leah Squance**, Executive Director, Strategic Policy Initiatives Branch, Ministry of Social Development and Poverty Reduction

**Details:** B.C. recently released its first poverty reduction strategy, *TogetherBC*, which aims to reduce B.C.'s overall poverty rate by 25% and the child poverty rate by 50% by 2024. These goals can only be reached through partnerships between governments, across communities, and with people with lived experience of poverty. This session will present two new provincial programs to assist local governments and organizations address poverty and homelessness in their communities.

The Poverty Reduction Community Program provides support for local governments to develop plans and projects in support of *TogetherBC*. The Homelessness Community Action Grant program provides funding for community-based research and action, including demonstration projects, partnerships and other collaborative initiatives, to meet the needs of those who are homeless or at risk of homelessness.

RESILIENCY + CHANGE 39

THURSDAY SESSIONS CONTINUED

8:00 AM – 12:00 PM PLENARY

Election of Table Officers

8:00 AM - 9:00 AM

Second Report of the Nominating Committee for Executive Positions

8:30 AM – 8:35 AM

Address by the Leader of the Opposition

8:35 AM – 8:55 AM  
Mr. Andrew Wilkinson, O.C.

Resolutions Session Continues

8:55 AM - 11:30 AM

Nominations from the Floor for Executive Positions

11:30 AM - 11:35 AM

Candidate Speeches

11:35 AM - 12:00 PM

12:00 PM – 2:30 PM

Delegates' Lunch

12:00 PM – 1:30 PM  
**Location:** Ballroom B, VCC East

**Details:** Entry to the UBCM Delegates' Lunch requires a ticket. If you have already paid for the Delegates' Lunch, please bring your delegate name badge for entry. To purchase tickets, please inquire regarding availability at the Delegate Services Desk.

Coffee & Dessert

12:30 PM – 2:30 PM  
**Location:** Exhibit Hall B, VCC East

**Details:** Stop by for a special treat. Decadent desserts and specialty coffees will be served in the Delegates' Lounge to provide you with an afternoon energy boost!

1:30 PM – 3:15 PM PORT OF VANCOUVER HARBOUR STUDY TOUR

**Room:** East Lobby, VCC East (departure 1:30 PM sharp)

**Details:** Throughout the tour, guests will have an up-close view of the Port of Vancouver's major marine terminals operating in the Burrard Inlet – from Stanley Park up to the Ironworkers Memorial Second Narrows crossing. Narration will be provided about key infrastructure and landmarks. You will also learn about the Vancouver Fraser Port Authority's land, water and air protection initiatives along the way. Refreshments and light snacks will be served.

**Please note:** The Port of Vancouver Harbour Tour has a limited capacity of 200 attendees and is first come, first served. Please arrive in the Lobby of the Vancouver Convention Centre East Building at 12:30 PM to receive your stamp and confirm your attendance on board.

2:00 PM - 4:30 PM UBC CAMPUS SUSTAINABILITY TOUR

**Location:** Sechelt Foyer, Fairmont Waterfront Hotel (departure 2:00 PM sharp)

**Details:** This tour will include:

- a presentation on the Brock Commons Tallwood House, which is currently the tallest mass timber building in the world;
- a tour of the Centre for Interactive Research on Sustainability (CIRS), a building designed to be the most innovative and high-performance building in North America. This state-of-the-art regenerative building includes waste heat recovery from a neighbouring building, a solar energy system, ground-source heating and an on-site wastewater treatment system;
- as well as a walking tour to view the Earth Sciences Building, Indian Residential School History and Dialogue Centre, and Student Nest.

**Please Note:** This tour has a limited capacity of 25 attendees and is a first come, first serve basis. Please begin to assemble in the Sechelt Foyer at 1:30 PM to join the tour, departure is at 2:00 PM sharp from the bus loading zone on Howe Street. Please be sure to wear comfortable walking shoes and appropriate outerwear for the walking portion of the tour.

2:00 PM – 5:00 PM ELECTION FOR EXECUTIVE POSITIONS

## 2:30 PM – 4:30 PM WORKSHOPS

## Building Child Care, Building Strong Communities

**Room:** Room 2/3, VCC East

**Presenters:**

**Jonathon Barry**, Executive Director, Child Care Capital, Community, and ECE Registry Services Branch, Ministry of Children and Family Development

**Andy Davidson**, Director, Child Care Capital and Community Services, Ministry of Children and Family Development  
**Joanne Murrell**, Manager, Child Care Policy, Ministry of Children and Family Development

**Details:** This workshop will focus on two Ministry-funded UBCM Child Care programs available exclusively to local governments:

- Community Child Care Planning Program.
- Community Child Care Space Creation Program.

Through partnerships and engagement, funded planning projects can identify the child care needs of communities and determine space creation targets over the next 10 years. Communities can apply for the space creation funding to help local governments meet the needs of the families in their communities. The purpose is to inform local governments about Childcare BC and share information about funding opportunities to help support their community. The workshop will:

- Provide information and an update on Childcare BC;
- Identify opportunities for local governments through Childcare BC initiatives;
- Provide opportunity to engage with Ministry staff to better understand available funding, and potential for local governments;
- Highlight the experiences and successes of municipalities who received funding in the first intake; and,
- Encourage local government interest through sharing the learning and experiences of other local governments building child care in their communities.

## Tackling the Housing Crisis through Leadership &amp; Co-Creation

**Room:** Room 11/12, VCC East

**Presenters:**

**Shauna Sylvestre**, Executive Director, Simon Fraser University's Morris J Wosk Centre for Dialogue

**Robin Prest**, Program Director, Simon Fraser University's Morris J Wosk Centre for Dialogue

**Jonathan Côté**, Mayor, City of New Westminster

**Erin Hemmens**, Councillor, City of Nanaimo

**Mike Hurley**, Mayor, City of Burnaby

**Details:** Housing remains a hot topic across British Columbia, with rising expectations and increased pressure on local governments to deliver. In this environment, moving too quickly can risk alienating stakeholders or intervening in the wrong places, while moving too slowly can result in further human displacement and consequences for vulnerable residents. This workshop will explore how medium to large-sized municipalities can use resident engagement and/or a Task Force process to shape their housing agendas. Participants will discuss how to find the right balance between leadership, expert opinion and co-creation. Featuring conversation with Mayor Jonathan Côté (City of New Westminster), Councillor Erin Hemmens (City of Nanaimo) and Mayor Mike Hurley (City of Burnaby). Facilitated by Shauna Sylvestre and Robin Prest, Simon Fraser University's Morris J Wosk Centre for Dialogue.

## CityStudio Vancouver: A Model for Civic Innovation and Experimentation

**Location:** Room 1, VCC East

**Presenters:**

**Duane Elverum**, Executive Director, CityStudio Vancouver

**Brad Badelt**, Assistant Director, City of Vancouver

**Alison Martens**, Continuous Improvement Coordinator, City of Abbotsford

**Details:** Led by CityStudio co-founders together with the Assistant Director of Sustainability at the City of Vancouver, this interactive workshop will present the CityStudio model of deep collaboration that unites cities with post-secondary schools to help achieve municipal strategic goals and work plan targets. During the session, you will draw on insights and priorities from your own municipal context to dive deeper into how the CityStudio model can help address three common needs in cities:

1. Increased capacity for city staff to solve problems
2. Citizen and community engagement in city building
3. Employment skills development for students and future workers

You will also hear from staff at CityStudio Abbotsford, one of early adopters in the 11-city network comprised of 9 CityStudios in Canada and 2 in Australia.

## Let's Not WASTE Time!

**Room:** Room 8/15, VCC East

**Presenters:**

**Bob Wells**, Chair, Comox Valley Regional District

**Michele Babchuk**, Chair, Strathcona Regional District Edwin Grieve, AVICC Past President, AVICC

**Paul Henderson**, P.Eng, General Manager Solid Waste Services, Metro Vancouver

**Todd Baker**, P.Eng, Consultant, Morrison Hershfield

**Sonya Sundberg**, Director, Clean Communities, Ministry of Environment & Climate Change Strategy

**Details:** Solid waste impacts every level of government in BC, and we are facing significant challenges with the increasing and ever-changing generation of waste. The global market for recyclables has diminished, and the burden is on local government to deal with the impact. With limited controls on consumption, no business case to divert recyclables, and landfilling still a cost-effective management practice, how do local governments meet provincial guidelines set for waste diversion? Collaboration, new technologies, sharing information and best practices providing unified programs can all lead to practical solutions.

The panel of solid waste stakeholders will provide an overview of the current waste environment and what changes and trends are coming. Let's not waste time and become unified with our management of solid waste! Be prepared to participate, this will be interactive because we need to hear from you and what your community is experiencing!

## THURSDAY

6:30 PM – 11:30 PM

### UBCM Reception

6:30 PM – 7:30 PM

**Location:** Ballroom A, VCC East

**Details:** Entry to the UBCM Reception and Banquet requires a ticket. If you have already paid for the UBCM Banquet, please bring your delegate name badge for entry. To purchase tickets, please inquire regarding availability at the Delegate Services Desk.

**Sponsored by** FortisBC

### UBCM Annual Banquet

7:30 PM – 11:30 PM

**Room:** Exhibit Hall A, VCC

**Awards:** Life Memberships, Long Service, and Special Long Service awards will be presented at the Banquet.

**Entertainment:** This year's Banquet entertainment will be an exciting evening with music performed by Diane Lines, followed by one of Vancouver's best live acts, the Famous Players Band.

**Sponsored by** FortisBC (Platinum), Coastal GasLink Pipeline Project (Silver), and Canadian Association of Petroleum Producers (CAPP) (Gold)  
**Wine Sponsored by** KPMG

## FRIDAY SESSIONS

7:30 AM – 12:00 PM

### Election for Executive Positions Continued

7:30 AM - 8:30 AM

### Resolutions Session Continues

8:00 AM – 10:45 AM

**Consideration of:** Resolutions Received after the Deadline & Remaining Section "B" Resolutions

### Installation of President Elect

10:45 AM – 10:55 AM

## FRIDAY

SESSIONS | 7:30 AM - 12:00 PM

### Port of Vancouver Cruise Draw\*

10:55 AM – 11:00 AM

**Cruise Draw Prize:** Alaska cruise for two departing the Canada Place Cruise Ship Terminal at the Port of Vancouver.

\*Only UBCM voting delegates are eligible to enter the draw for Port of Vancouver Cruise. Must be present to win.

**Sponsored by** Port of Vancouver

### Address by the Premier

11:00 AM – 12:00 PM

Honourable John Horgan

### Adjourn

12:00 PM



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**September 24:**  
Workshop Session - Enhancing Resiliency through Internet Connectivity

**September 25 & 26:**  
Trade Show Hydration Station and Booths 611, 613

**Connected Communities**  
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## 2018-2019 UBCM EXECUTIVE

## NOMINATIONS RECEIVED

<b>President</b>	Councillor Arjun Singh	City of Kamloops	<b>President</b>	Mayor Maja Tait	District of Sooke
<b>First Vice President</b>	Mayor Maja Tait	District of Sooke	<b>First VP</b>	Councillor Brian Frenkel	District of Vanderhoof
<b>Second Vice President</b>	Councillor Brian Frenkel	District of Vanderhoof	<b>Second VP</b>	Councillor Laurey-Anne Roodenburg	City of Quesnel
<b>Third Vice President</b>	Vacant	Vacant	<b>Third VP</b>	Councillor Paul Albrecht	City of Langley
<b>Past President</b>	Councillor Murry Krause	City of Prince George	<b>Director at Large - 5 Positions</b>	Councillor Jen Ford	Resort Municipality of Whistler
<b>Vancouver Representative</b>	Councillor Pete Fry	City of Vancouver		Councillor Chad Eliason	City of Salmon Arm
<b>Metro/GVRD Representative</b>	Councillor Craig Hodge	City of Coquitlam		Councillor Mike Gray	Village of Radium Hot Springs
<b>Small Community Representative</b>	Mayor Mitch Campsall	District of 100 Mile House		Director Travis Hall	Central Coast RD
<b>Electoral Area Representative</b>	Chair Art Kaehn	Fraser-Fort George RD		Councillor Jason Lum	City of Chilliwack
<b>Vancouver Metro Area Representatives</b>	Councillor Linda McPhail	City of Richmond	<b>Small Community Rep - 1 Position</b>	Councillor Claire Moglove	City of Campbell River
	Councillor Paul Albrecht	City of Langley		Councillor Helen Poon	City of Port Alberni
<b>AKBLG</b>	Chair Rob Gay	RD of East Kootenay	<b>Electoral Area Rep - 1 Position</b>	Mayor Mitch Campsall	District of 100 Mile House
	Mayor Jack Crompton	Resort Municipality of Whistler		Councillor Sarah Fowler	Village of Tahsis
	Councillor Gord Klassen	City of Fort St. John		Director Steve Forseth	Cariboo RD
	Councillor Chad Eliason	City of Salmon Arm	<b>Vancouver Metro Area Reps - 2 Positions</b>	Director Grace McGregor	Peace River RD
	Director Edwin Grieve	Comox Valley RD		Councillor Trish Mandewo	Kootenay Boundary RD
<b>Directors at Large</b>	Councillor Jen Ford	Resort Municipality of Whistler		Councillor Linda McPhail	City of Coquitlam
	Councillor Laurey-Anne Roodenburg	City of Quesnel			City of Richmond
	Director Travis Hall	Central Coast RD			
	Director Grace McGregor	Kootenay Boundary RD			
	Councillor Claire Moglove	City of Campbell River			
	Councillor Gerry Taft	District of Invermere			

## 2018 COMMUNITY EXCELLENCE AWARDS WINNERS

## SCRUTINEERS

<b>Leslie Groulx</b>	CAO, District of Clearwater, Chief Scrutineer	Local governments that lead the way with vision, creativity and innovation were honoured at the 2018 UBCM Convention with a Community Excellence Award. These awards showcase UBCM members that have implemented projects and programs that demonstrate excellence in meeting the purposes of local governments in BC. Award winners offer a path for other local governments to follow, not only in British Columbia but around the world, making communities more efficient, healthier and ultimately more livable.	<b>EXCELLENCE IN GOVERNANCE</b>	<b>EXCELLENCE IN ASSET MANAGEMENT</b>
<b>Tom Kadla</b>	CAO, Village of Lumby, Deputy Chief Scrutineer	Local governments that lead the way with vision, creativity and innovation were honoured at the 2018 UBCM Convention with a Community Excellence Award. These awards showcase UBCM members that have implemented projects and programs that demonstrate excellence in meeting the purposes of local governments in BC. Award winners offer a path for other local governments to follow, not only in British Columbia but around the world, making communities more efficient, healthier and ultimately more livable.	<b>Winner</b> City of Richmond Leadership in Electric Vehicle Charging Infrastructure Requirements	<b>Winners</b> City of Coquitlam Asset Management Funding Framework
<b>Ron Poole</b>	CAO, Kitimat-Stikine RD			
<b>Kris Boland</b>	Deputy CAO, Kitimat-Stikine RD			
<b>Sukh Gill</b>	CAO, Thompson-Nicola RD			
<b>Carolyn Black</b>	Director of Legislative Services, Thompson-Nicola RD			
<b>Lynda Flynn</b>	CAO, Squamish-Lillooet RD	Local governments that lead the way with vision, creativity and innovation were honoured at the 2018 UBCM Convention with a Community Excellence Award. These awards showcase UBCM members that have implemented projects and programs that demonstrate excellence in meeting the purposes of local governments in BC. Award winners offer a path for other local governments to follow, not only in British Columbia but around the world, making communities more efficient, healthier and ultimately more livable.	<b>Honourable Mention</b> Cowichan Valley Regional District Cowichan 2050 Regional Collaboration Framework	<b>Honourable Mention</b> City of Grand Forks Service Sustainability Assessment Tool
<b>Wendy Hunt</b>	CAO, Village of New Hazelton			
<b>Kim Anema</b>	CAO, Town of View Royal			
<b>Paul Gipps</b>	CAO, City of West Kelowna			
<b>Patrick Robins</b>	CAO, District of Central Saanich			
<b>Mike Younie</b>	CAO, District of Mission	Local governments that lead the way with vision, creativity and innovation were honoured at the 2018 UBCM Convention with a Community Excellence Award. These awards showcase UBCM members that have implemented projects and programs that demonstrate excellence in meeting the purposes of local governments in BC. Award winners offer a path for other local governments to follow, not only in British Columbia but around the world, making communities more efficient, healthier and ultimately more livable.	<b>EXCELLENCE IN SERVICE DELIVERY</b>	<b>EXCELLENCE IN SUSTAINABILITY</b>
<b>Barclay Pitkethly</b>	Deputy CAO, District of Mission			
<b>Lynda Shykora</b>	Deputy Manager, Corp Admin Services, Columbia Shuswap RD			
<b>David Allen</b>	CAO, City of Courtenay			
<b>Patti Bridal</b>	Director, Corporate Services, City of Vernon			
		<b>Winner</b> Congratulations to the 2018 Community Excellence Award winners!	<b>Winner</b> District of Hudson's Hope Hudson's Hope Solar Project	<b>Winner</b> Regional District of East Kootenay Accelerate Kootenays

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**C.J. James**  
BC Public Sector  
Audit Practice Leader  
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**Brandon Ma**  
BC Local Government  
Sector Leader  
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kpmg.ca/publicsector



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**Tuesday, September 24, 2019**

**MIABC Voting Delegate Orientation**  
4:00 pm - 4:30 pm

**Annual General Meeting**  
4:30 pm - 6:00 pm

Waterfront Ballroom A/B Fairmont Waterfront Hotel

#200 - 429 West 2nd Avenue, Vancouver BC V6Y 1E3  
Phone 604-683-6266 Fax 604-683-6244 Toll Free 1-855-683-6266  
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Join us at our reception on  
**Wednesday Sept. 25th, 2019**  
**8:00pm to 12:00am**  
**Vancouver Conference Centre**  
1055 Canada Place, VCC West Building,  
Summit Level 3

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SAVINGS

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BC Recycles is made up of the Stewardship Agencies of British Columbia (SABC), which is comprised of non-profit organizations formed by BC's producers and brand owners as part of their compliance under the BC Recycling Regulation. BC Recycles agencies collect and divert end-of-life consumer products and packaging from landfill.

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**What: Pre-Convention Clinic on Hydrogen 101**

**When: Tuesday September 24, 2019**

**Time: 7:30a.m to 8:30a.m.**

**Where: Room 11, Vancouver Convention Centre East**

**Presenters:**

**Nick Clark**, Senior Economist, Clean Transportation Branch, Ministry of Energy, Mines and Petroleum Resources

**Kristen Littler**, Policy Analyst, Energy and Industry Decarbonization, Ministry of Energy, Mines and Petroleum Resources

**Leanne Sharp**, Hydrogen Infrastructure Team Lead - Advanced Transportation, Powertech Labs

**Colin Armstrong**, President and CEO, Hydrogen Technology & Energy Corporation

**Description:**

The Hydrogen Roadmap will clarify the role of hydrogen in decarbonizing BC's energy systems. The Clinic will focus on opportunities for hydrogen to reduce GHGs and improve air quality by transforming transportation and other energy use in BC communities. Topics for this Clinic will include:

- hydrogen basics;
- hydrogen safety;
- zero-emission transportation for municipal fleets and how fuel cell electric vehicles (FCEVs) are a flexible, long-term option;
- community deployment (e.g., CRD fleet and refueling station permitting);
- the role of hydrogen in lowering GHGs from heating and industry by reducing the emissions
- intensity of natural gas.

# UBCM 2019 Hydrogen 101 Clinic

Date and Time: September 24, 2019, 7:30am-8:30am

## Session Description

This Clinic is meant to illustrate the hydrogen opportunity for BC's municipalities and the benefits of hydrogen to local policymakers. Topics for this Clinic will include:

- hydrogen basics;
- hydrogen safety;
- zero-emission transportation for municipal fleets and how fuel cell electric vehicles (FCEVs) are a flexible, long-term option;
- community deployment (e.g., CRD fleet and refueling station permitting); and,
- the role of hydrogen in lowering GHGs from heating and industry by reducing the emissions intensity of natural gas.

## Presenters and Topics

Presenter 1: Kristen Littler, Policy Analyst, Energy and Industry Decarbonization Branch, EMPR

- Hydrogen basics, CleanBC, and potential end-uses for Hydrogen
- Session moderator

Presenter 2: Leanne Sharpe, Engineering Team Lead, Hydrogen Stations Infrastructure, Advanced Transportation, Powertech Labs

- Hydrogen safety, codes and standards

Presenter 3: Colin Armstrong, President & CEO, Hydrogen Technology & Energy Corporation (HTEC)

- The hydrogen transportation opportunity: building a network of refueling stations

Presenter 4: Nick Clark, Sr. Economist, Clean Transportation Branch, EMPR

- Government transportation incentives and long-term objectives
- International examples of hydrogen ecosystems / roadmaps

## Presentation Expectations

- Each presenter will be given 5-6 minutes to present along with a maximum of 6 slides
- The last 25-30 minutes will consist of taking audience questions as well as EMPR staff asking questions of the audience regarding transportation fleet planning in their municipalities.

**What: Provincial Cabinet Town Hall on A Place Worth Protecting**

**When: Wednesday September 25, 2019**

**Time: 3:00p.m to 4:15p.m.**

**Where: Room 1, Vancouver Convention Centre East**

**Attendees:** The panel consists of **Honourable Michelle Mungall, Minister of Energy, Mines and Petroleum Resources;**

Honourable George Heyman, Minister of Environment and Climate Change Strategy

Honourable Mike Farnworth, Minister of Public Safety and Solicitor General

Sheila Malcolmson, MLA, Parliamentary Secretary for Environment

Jennifer Rice, MLA, Parliamentary Secretary for Emergency Preparedness

**Description:** The Chair will introduce each panel member. This will be followed by questions from UBCM members on the floor. The panel is usually moderated, and the moderator will typically direct questions from the floor to each panel member for a response. As the Town Hall is part of the plenary, there could be up to 1,000 people at the event.

# UNION OF BRITISH COLUMBIA MUNICIPALITIES

Ministry of Energy, Mines  
and Petroleum Resources

## MEETING NOTES

September 23–27, 2019

### Minister Mungall and ADMs

REGIONAL DISTRICT OF PEACE RIVER	1
REGIONAL MUNICIPALITY OF NORTHERN ROCKIES	2
DISTRICT OF KITIMAT	3
REGIONAL DISTRICT OF CARIBOO	4
CITY OF FORT ST. JOHN	5
REGIONAL DISTRICT OF CENTRAL KOOTENAY	6
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# **2019 UBCM CONVENTION**

## **COMMUNITY MEETINGS**

**Honourable Minister Michelle Mungall**  
**Ministry of Energy, Mines and Petroleum Resources**

**Community:**        **Regional District of Peace River**

**Attending:**        Allen Courtoreille, Director  
                         Brad Sperling, Chair  
                         Crystal Brown, Electoral Area Manager  
                         Dale Bumstead, Director  
                         Dan Rose, Director  
                         Dave Heiberg, Director  
                         Karen Goodings, Director  
                         Keith Bertrand, Director  
                         Leonard Hiebert, Director  
                         Lori Ackerman, Director  
                         Lorraine Michetti, Director  
                         Rob Fraser, Director  
                         Shawn Dahlen, Chief Administrative Officer  
                         Tony Zabinsky, Director  
                         MLA Dan Davies  
                         MLA Mike Bernier

**May Mah-Paulson**

**Issue:**                Caribou recovery and development moratorium

**Minister:**           **Minister Michelle Mungall**

**Date:**                **Tuesday, September 24, 2019**

**Time:**                **10:20-10:35am**

**Location:**          **Room 14, 999 Canada Place**

**MINISTRY OF ENERGY, MINES AND PETROLEUM RESOURCES**

**BRIEFING NOTE FOR INFORMATION**

**PREPARED FOR:** Honourable Michelle Mungall, Minister of Energy, Mines and Petroleum Resources

**ISSUE:** UBCM 2019 meeting with the Peace River Regional District

**BACKGROUND:**

**Farmers' Advocacy Office (FAO)**

The Peace River Regional District (PRRD) request that the Ministry of Energy, Mines and Petroleum Resources (EMPR) in partnership with the Ministry of Agriculture (AGRI), commit full funding for the FAO.

The main purpose of the FAO was to support and educate farmers about the development of petroleum and natural gas (PNG) resources on their lands. The PRRD and EMPR have cost shared the implementation of the FAO since its establishment in 2009. In July 2018, EMPR discontinued cost sharing the implementation of the FAO when the cost sharing agreement expired to allow time for a 3<sup>rd</sup> party audit of the FAO program.

Without a cost sharing arrangement with EMPR, the PRRD fully funded the FAO until end of March 2019. In March 2019, EMPR again cost shared the implementation of the FAO for an additional three months to allow a working group to implement some of the recommendations found in the audit of the FAO program. In June 2019, the FAO closed and in July 2019, s.16

s.16

**Farmington**

The PRRD may raise questions around EMPR's involvement in resolving PNG development issues in the Farmington community area.

In spring 2018, Encana initiated an extensive PNG development project that caused several disturbances and issues for local landowners in the Farmington community. As such, a Farmington Community Working Group (FCWG) chaired by Oil and Gas Commission (OGC) and consisting of representatives from the OGC, EMPR, Farmington landowners and the PRRD was convened for a one-year pilot project to work through the identified issues and concerns. As of August 2019, the objectives for the FCWG pilot project were met and in November we will wrap up with a final meeting. The work will continue s.13

s.13

**Natural Gas Development in British Columbia**

The PRRD would like to thank the Province's support of the LNG pipeline in the region and for the communication that the PRRD has received from EMPR regarding landowner issues.

In the past decade, shale gas exploration and extraction has proven that the Province has a prolific natural gas reserves in the Peace region. Natural gas extracted from the Peace region, particularly the Montney shale gas basin is economically competitive in the current depressed market conditions. The Horn River and Liard basins, also in the Peace region, are not economically viable at this time. With the development of an LNG industry in British Columbia, including the approval of several major LNG pipeline projects within the Peace region, it is expected that natural gas products moving from the Peace region to the coast will help increase gas prices and improve market conditions by opening British Columbia's abundant natural gas supply to international markets.

### **Orphan Wells**

The PRRD request that EMPR increase resources for the reclamation of orphan wells, further, that new legislation and policy be implemented to ensure there are tools to effectively and timely deal with orphan wells, and that the cost of reclamation is born by the permit holder, not the landowner.

Orphan wells are a growing problem for farmers and landowners who are left to deal with non-decommissioned wells on their property. The issue of orphan wells has been highlighted recently after a series of oil and gas companies going bankrupt across western Canada, leaving Provincial governments with the responsibility for well decommissioning and reclamation. In British Columbia, oil and gas companies are not required to decommission and restore well sites unless ordered to do so. Government's orphan well fund that helps pay for decommissioning orphan wells.<sup>s.13</sup>

s.13

## **DISCUSSION:**

### **Farmers' Advocacy Office**

EMPR, AGRI and PRRD understand the benefits of a FAO-like program in the northeast as it is a valuable service to support and educate farmers about the development of PNG resources on their lands.<sup>s.13; s.16</sup>

s.13; s.16

### **Farmington**

Over the course of a year the FCWG worked through a number of issues that resulted in improvements to how noise and lighting levels are regulated, improvements to planning activities and how to better share information during consultation and engagement processes between the OGC, industry proponents and local landowners.

Regarding subsurface tenure, the FCWG discussed the interest of landowners wanting to know when tenure is posted to sell and how EMPR is planning subsurface development. EMPR currently provides the PRRD with information related to tenures that are being requested to sell, as well as those tenures that are sold. EMPR is working through the Regional Strategic Environmental Assessment (RSEA) process to gain a better understanding of what information can be used to help inform tenure decision to address cumulative effects and subsurface development planning. The RSEA process is expected to be completed by spring 2021.

Although the FCWG will come to an end this fall, <sup>s.13; s.16</sup>  
s.13; s.16

### **Natural Gas Development in British Columbia**

EMPR has a role to guide responsible development and ensure maximum economic benefits to British Columbians from the Province's natural gas resources. The Province's natural gas pipeline systems that services service Provincial, national and international markets is a key component in ensuring responsible development of the Province's natural gas resources.

EMPR has played a key role in developing the LNG Investment Fiscal Framework in March 2018, which was an essential part of LNG Canada's final investment decision. EMPR also supported the development of a fiscal package and policy framework that would remove impediments to major LNG investment. These fiscal elements are:

- Repeal of *LNG Income Tax Act* and implement a Natural Gas Tax Credit for qualifying LNG facilities that reduces the British Columbia Corporate Income Tax rate from 12 percent to 9 percent;
- General industrial electricity rates and some related transmission infrastructure consistent with other industries;
- Relief from PST subject to repayment in the form of an equivalent operational payment; and
- Up to 100 percent of incremental carbon tax paid beyond \$40/tCO<sub>2</sub>e should the new Greenhouse Gas emissions standards be met under the Clean Growth Incentive Program.

### **Orphan Wells**

On March 14, 2019, the BC Auditor General released a report entitled The BC Oil and Gas Commission's Management of Non-operating Oil and Gas Sites. The report made several recommendations to reduce the financial and environmental liability associated with orphan and inactive oil and gas sites. The OGC has accepted the recommendations,

and is working to implement all of them, including the cleanup of non-operating oil and gas sites, ie., orphan sites.

In spring 2018, EMPR brought forward Bill 15, which amends the *Oil and Gas Activities Act* (OGAA) and the *Petroleum and Natural Gas Act* (PNGA) to improve the funding of orphan well site restoration by replacing the previous tax structure with a new liability levy. The levy will be set by the OGC, with Treasury Board approval, and directed towards orphan well site restoration and reclamation. This change enables the OGC the flexibility to ensure and secure adequate funding to deal with the liabilities associated with orphan well sites at no direct cost to the public. The new levy took effect April 1, 2019.

EMPR also brought forward additional amendments that included the introduction of a Dormancy Regulation in May 2019. This regulation is the first of its kind in British Columbia and western Canada. The Dormancy regulation will require the timely restoration and reclamation of dormant (ie, not being used) well sites. It is believed that by taking proactive regulatory approach to addressing dormant well sites that the liability to the Province from accumulating orphan sites will also be reduced.

As for orphan sites located on land owned by residents, the OGC has the authority to manage the site, taking over its maintenance, safety and restoration. If a land owner is no longer receiving rental payments from the previous permit holder under the surface lease agreement, the Commission may, under section 46 of OGAA, provide compensation to a land owner. Land owners are encouraged to apply to the OGC for compensation if they are owed rental payments under surface lease agreement for an orphan site(s).

## **MINISTRY RESPONSE:**

### **Farmers' Advocacy Office**

- EMPR is committed to working with AGRI and PRRD to implement the FIS to support and educate farmers about the development of PNG resources on their lands.

### **Farmington**

- EMPR sees value in community-based type of engagement processes like the FCWG to work through specific issues and conflicts between landowners and PNG development on their lands. EMPR will also rely on existing processes like the FIS to also support landowners when it comes to understanding the issues and viable solutions related PNG development on their lands.

### **Natural Gas Development in British Columbia**

- Government wants to encourage a competitive investment climate for LNG and value-added natural gas development in British Columbia that includes ensuring local governments and residents are prepared for the associated challenges and opportunities.
- As LNG facilities, including pipeline project receive approval, government is working to ensure that it will be in a position to respond to the range of issues being faced by impacted communities.

**Orphan Wells**

- Recent legislative and regulatory amendments brought forward by EMPR have improved the Province's tool set to deal with orphan wells in an effective and timely manner, which includes ensure that land owners are compensated if they are owed rental payments under surface lease agreement for an orphan site(s).

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## **2019 UBCM CONVENTION**

### **COMMUNITY MEETINGS**

**Honourable Minister Michelle Mungall  
Ministry of Energy, Mines and Petroleum Resources**

**Community:** **Regional Municipality of Northern Rockies**

**Attending:** Danny Soles, Councillor  
Gary Foster, Mayor  
Jaylene MacIver, Director of Regional Development and Planning  
John Roper, Councillor  
Kyle Andrews, Councillor  
Laurie Dolan, Councillor  
Ross Coupé, Corporate Manager  
Scott Barry, CAO  
Todd Penney, Councillor  
Dan Davies, MLA Peace River North

**Les MacLaren**  
**May Mah-Paulson**

**Issue:** CN Rail Service and Capacity

**Minister:** **Minister Michelle Mungall**

**Date:** **Tuesday, September 24, 2019**  
**Time:** **10:40-10:55am**

**Location:** **Room 14, 999 Canada Place**

## **MINISTRY OF ENERGY, MINES AND PETROLEUM RESOURCES**

### **BRIEFING NOTE FOR INFORMATION**

**PREPARED FOR:** Honourable Michelle Mungall, Minister of Energy, Mines and Petroleum Resources

**ISSUE:** UBCM 2019 meeting with the Regional Municipality of Northern Rockies

#### **BACKGROUND:**

The Regional Municipality of Northern Rockies (RMNR) wishes to discuss the Province's role in two initiatives: 1) making the development of LNG from British Columbia a leading priority to revitalize the natural gas economy, particularly in northern British Columbia; and 2) the expansion of Zero Emission Vehicle (ZEV) infrastructure in the northeast.

In the past decade, shale gas exploration and extraction has proven the Northern Rockies to have prolific natural gas reserves in the Horn River and Liard basins. Natural gas extracted from this region is not economically competitive in the current market due to several factors, including a domestic oversupply, comparatively higher costs of supply, distance from markets, and the composition of the natural gas from the region. Many natural gas producers in the region have since shut-in their assets, waiting until new markets emerge, or domestic markets improve significantly. It is a generally accepted view that the development of an LNG industry in British Columbia will help to increase prices by opening up British Columbia's abundant natural gas supply to international markets. The RMNR hopes that would revive the value of assets within their region.

The RMNR is interested in discussing the supply and affordability of zero emission vehicles and the challenges of operating them in remote northern environments. They point out that the community is geographically remote (385 kms from the nearest municipality) and that this exceeds the range of most ZEV models. Additionally, they point to the absence of renewed PlugInBC programs as a barrier to investment in private or public charging stations.

#### **DISCUSSION:**

##### **Four Conditions for LNG and the Fiscal Framework**

This government is supportive of the development of LNG that meets the following four conditions, such that proponents must:

- Include express guarantees of jobs and training opportunities for British Columbians;
- Provide a fair return for our resource;
- Respect and make partners of First Nations; and
- Protect our air, land and water, including living up to our climate commitments.



The Government of British Columbia's March 2018 LNG Investment Fiscal Framework was an essential part of LNG Canada's final investment decision (FID). The framework follows a review of competitiveness issues facing the LNG sector and a detailed financial analysis of the LNG Canada proposal, and aims to put natural gas development on a level playing field with other industries in British Columbia for LNG projects that meet the four conditions. Government developed measures to help ensure British Columbians receive a good return for natural gas resources, while unlocking new investment in the sector.

In light of LNG Canada's positive FID, the Government British Columbia has removed impediments to major LNG investment by bringing into force the fiscal elements of the policy framework. Elements of the framework include:

- Repeal of the *LNG Income Tax Act* and implementation of a Natural Gas Tax Credit for qualifying LNG facilities that reduces the British Columbia Corporate Income Tax rate from 12 percent to 9 percent;
- General industrial electricity rates and some related transmission infrastructure consistent with other industries;
- Relief from PST subject to repayment in the form of an equivalent operational payment; and
- Up to 100 percent of incremental carbon tax paid beyond \$30/tCO<sub>2</sub>e should the new Greenhouse Gas emissions standards be met under the Clean Growth Incentive Program.

The Province continues to work collaboratively with projects such as Woodfibre LNG, Kitimat LNG and others as they come forward.

### **Orphan Wells**

While the RMNR has not raised this as an issue that they wish to cover in the meeting,  
s.13; s.16

Last spring, the Government British Columbia enacted the *Energy, Mines and Petroleum Resources Statutes Amendment Act* (Bill 15), which amends the *Oil and Gas Activities Act* (OGAA) and the *Petroleum and Natural Gas Act* (PNGA). Amendments to the OGAA provide improved funding for orphan well site restoration by replacing the previous tax structure with a new liability levy to be paid into British Columbia's Orphan Site Reclamation Fund (OSRF) that addresses the cost of restoration and environmental cleanup. The levy will be set by the OGC, with Treasury Board approval. This change enables the OGC the flexibility to secure adequate funds to restore orphan sites, which make up one percent of all oil and gas sites in British Columbia, at no direct cost to taxpayers. British Columbians have not incurred any direct costs for site cleanup since the establishment of the OSRF.

Additional amendments include the introduction of Dormancy Regulation in May 2019, making British Columbia the first province in western Canada to establish, in law, timelines for the cleanup of oil and gas well sites. The regulation gives each dormant

well site a cleanup timeline, including requirements for decommissioning, site assessment, remediation, reclamation/restoration, notification and reporting. s.13

These amendments are part of the Commission's new Comprehensive Liability Management Plan. Another key part of the plan is enhancing stringent checks of companies' financial health to make sure they can meet their restoration obligations before they get a permit and throughout their operations.

### **ZEV and PlugInBC Programs**

In 2016, the Province commissioned a report on ZEVs in northern British Columbia. The report analyzed the unique barriers related to ZEVs in northern regions, and related strategies for addressing these barriers. This report, along with input from northern communities and residents, is informing measures and plans related to supporting increased adoption of ZEVs in northern regions. Under CleanBC, BC Hydro, FortisBC, and the Province are continuing to work with local governments and private sector companies to deploy public charging stations along all primary and secondary highways, and major roads throughout British Columbia.

### **MINISTRY RESPONSE:**

#### **Natural Gas Development in British Columbia**

- The Province wants to encourage a competitive investment climate for LNG and value-added natural gas developments in British Columbia that includes ensuring local governments are prepared for the associated challenges and opportunities.
- As LNG projects in the province move forwards towards FIDs, the Province is working to ensure that it will be in a position to respond to the range of issues being faced by impacted communities.

#### **Orphan Wells**

- This government's amendments to legislation improve the OGC's operations and strengthen their capacity to manage natural gas resources while protecting public safety and recovering costs associated with orphan well reclamation.

### **ZEV and PlugInBC Programs**

- We know that automakers currently don't provide a lot of ZEV options in the compact sport-utility vehicle and pick-up truck classes, and that more infrastructure is needed in rural and northern regions. The ZEV Standard targets are phased in over time to allow lead time for automakers to start to offer a broader range of ZEVs. This also allows time for our expanded Clean Energy Vehicle Program investments, to help build a robust market for ZEVs and supporting charging infrastructure in rural and northern regions.

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REVIEWED BY:	
Geoff Turner, ED, OGD	√
Dan Green, ED, EAED	√
May Mah-Paulson, ADM, OGD	√
Les MacLaren, ADM , EAED	√
Dave Nikolejsin, DM, EMPR	√

# **2019 UBCM CONVENTION**

## **COMMUNITY MEETINGS**

**Honourable Minister Michelle Mungall  
Ministry of Energy, Mines and Petroleum Resources**

**Community: District of Kitimat**

**Attending:** Edwin Empinado, Councillor  
Lani Gibson, Councillor  
Mario Feldhoff, Councillor  
Mark Zielinski, Councillor  
Phil Germuth, Mayor  
Rob Goffinet, Councillor  
Terry Marleau, Councillor

**May Mah-Paulson**

**Issue:** Value-added resource development

**Minister:** Minister Michelle Mungall

**Date:** Tuesday, September 24, 2019

**Time:** 11-11:15am

**Location:** Room 14, 999 Canada Place

## **MINISTRY OF ENERGY, MINES AND PETROLEUM RESOURCES**

### **BRIEFING NOTE FOR INFORMATION**

**PREPARED FOR:** Honourable Michelle Mungall, Minister of Energy, Mines and Petroleum Resources

**ISSUE:** UBCM 2019 meeting with the District of Kitimat

#### **BACKGROUND:**

The District of Kitimat would like to discuss further development of British Columbia's natural gas industry as well as leak detection on liquids pipelines.

For a significant portion of the previous five years, Kitimat has been a focus for development of liquefied natural gas (LNG) projects along with other projects related to the oil and gas sector. Since LNG Canada's decision to move forward on October 1, 2018 the region has started to realize some of the potential from the various projects that have been proposed within its boundaries. Other projects such as Kitimat LNG, the Haisla-led Cedar LNG and Pacific Traverse Energy's natural gas liquids export terminal remain in earlier stages of development. Two refineries have been proposed in the region; however, the proposed liquids pipeline (Northern Gateway) into the region has been cancelled following a decision from the Federal Government.

The Minister met with the District of Kitimat during the 2018 UBCM conference to discuss similar topics.

#### **DISCUSSION:**

##### **LNG Projects Updates**

###### LNG Canada

When LNG Canada's Joint Venture Participants – Shell, Petronas, Petro China, Mitsubishi and Kogas – made a positive Final Investment Decision (FID), it signaled the culmination of seven years of community engagement and consultations with First Nations, local communities, all levels of government, the business community, regulators and countless others. s.13

s.13

Since LNG Canada's FID construction has commenced on both the facility and associated Coastal GasLink pipeline projects. The JGC-Fluor BC LNG Joint Venture – the Prime Contractor to LNG Canada – has recently resumed tree clearing activities and woody debris management on the site. These activities were temporarily put on hold earlier this spring/summer due to bird nesting season.

The Ministry of Energy, Mines and Petroleum Resources has established a dedicated team for the implementation of the LNG Canada and the Coastal GasLink projects. This team is working collaboratively with other Ministries and the BC Oil and Gas

Commission to ensure permitting remains on schedule and any issues pertaining to the provincial government are identified and addressed.

#### Kitimat LNG

On April 1, 2019, Chevron Canada and its partner Woodside Energy applied to the National Energy Board to nearly double the potential size of the joint-venture's proposed Kitimat LNG facility. Shortly after, the project announced that it would use solely hydroelectricity to power its liquefaction process which would make it the world's lowest emitting large scale LNG facility in the world.

Most recently the project had its amendment request accepted by the British Columbia Environmental Assessment Office in July and the federal Minister of Environment and Climate Change has agreed to the substitution (for the requested amendment) of the provincial environmental assessment (EA) process for the federal process.

#### Other Projects

Pacific Traverse Energy's NGL export terminal as well as the Haisla-led Cedar LNG continue to move forward but have yet to formally enter into the EA process (if required).

s.13; s.16

s.13; s.16 In British Columbia, the Oil and Gas Commission has jurisdiction for the majority of pipelines, and pipelines are regulated under the Pipeline Regulation while the National Energy Board is responsible for regulating cross-jurisdictional pipelines such as those crossing from Alberta into British Columbia. Pipeline management is always improving with regular updates to standards and regulations that require operators to systematically inspect and evaluate pipe condition and ensure safe operation.

#### **MINISTRY RESPONSE:**

- The Province remains committed to the LNG Canada project and will continue to collaborate with LNG Canada and Coastal GasLink to implement effective approaches to issues as they arise.
- The Province wants to encourage a competitive investment climate for LNG and value-added natural gas developments in BC that includes ensuring local governments are prepared for the associated challenges and opportunities.

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REVIEWED BY:  
Geoff Turner, ED, OGD ✓  
May Mah-Paulson, ADM, OGD ✓  
Dave Nikolejsin, DM, EMPR ✓

# **2019 UBCM CONVENTION**

## **COMMUNITY MEETINGS**

**Honourable Minister Michelle Mungall  
Ministry of Energy, Mines and Petroleum Resources**

**Community:**        **Regional District of Cariboo**

**Attending:**        Alice Johnston, Manager of Corporate Services/DCAO  
John Massier, Director - Electoral Area C  
Margo Wagner, Chair

**Les MacLaren**

**Issue:**            Expansion of Three Phase Power to the communities and business  
along the Highway 26 corridor

**Minister:**        **Minister Michelle Mungall**

**Date:**            **Tuesday, September 24, 2019**

**Time:**            **11:20-11:35am**

**Location:**        **Room 14, 999 Canada Place**

## **MINISTRY OF ENERGY, MINES AND PETROLEUM RESOURCES**

### **BRIEFING NOTE FOR INFORMATION**

**PREPARED FOR:** Honourable Michelle Mungall, Minister of Energy, Mines and Petroleum Resources

**ISSUE:** The Union of BC Municipalities (UBCM) 2019 meeting with the Cariboo Regional District regarding the expansion of three-phase power along the Highway 26 corridor.

#### **BACKGROUND:**

Alice Johnston, Manager of Corporate Services and Deputy Chief Administrative Officer, John Massier, Director of Electoral Area C, and Margo Wagner, Chair of the Board of Directors for the Cariboo Regional District are requesting that the Province of British Columbia and BC Hydro resource and develop the infrastructure needed to ensure the expansion of three-phase power to the Highway 26 corridor for communities and businesses.

The Cariboo Regional District believes the existing capacity and reliability of the single-phase electrical distribution line along Highway 26 is insufficient to support the existing commercial, residential, and tourism requirements in the Wells-Barkerville area, including the District of Wells and Barkerville Historic Town and Park. Due to the downturn in the forestry sector, the Cariboo Regional District contends that it must expand opportunities for its communities to remain sustainable.

The District of Wells has made similar requests for Provincial support for upgrades to electrical service at the 2017 and 2018 UBCM meetings.

BC Hydro has met with local businesses and the Barkerville Gold Mine and informed the parties that a three-phase distribution line extension to Wells-Barkerville would not provide the required capacity. To serve planned mining operations, an 80 km 69kV transmission line would be needed.

The Cariboo Regional District contends that BC Hydro should use the potential expansion plans of Barkerville Gold Mines as a justification to reinforce the distribution system to three-phase power along the Highway 26 corridor.

#### **DISCUSSION:**

The System Impact Study for the proposed transmission voltage connection and associated substation is currently in a preliminary stage. If Barkerville Gold Mine were to proceed with the proposed interconnection, it could potentially provide a closer source for three-phase power and additional capacity for the community load growth anticipated by Wells and Barkerville.



BC Hydro does not build in advance of need and does not have a program to invest in the extension of distribution infrastructure in anticipation of future customers' connections. They connect customers in accordance with the Electric Tariff and applicable policies and cost allocations.

**MINISTRY RESPONSE:**

- The Ministry recognizes that the Cariboo Regional District is concerned about electricity supply limitations and economic development potential.
- The British Columbia Utilities Commission has a complaint process should the District or customers have concerns with service and reliability.
- BC Hydro has indicated to the Ministry that they will continue to maintain the current distribution line and invest in the line to ensure that the infrastructure accommodates organic load growth and meets required power quality standards.

**DRAFTED BY:**

Nancy Norris  
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**APPROVED BY:**

Scott Cutler, Sen. Econ, TIB ✓  
Amy Sopinka, Dir., TIB ✓  
Paul Wieringa, ED, EPB ✓  
Les MacLaren, ADM, EAED ✓  
Dave Nikolejsin, DM, EMPR ✓

# **2019 UBCM CONVENTION**

## **COMMUNITY MEETINGS**

**Honourable Minister Michelle Mungall  
Ministry of Energy, Mines and Petroleum Resources**

**Community: City of Fort St. John**

**Attending:** Becky Grimsrud, Councillor  
Byron Stewart, Councillor  
Dianne Hunter, City Manager  
Gord Klassen, Councillor  
Lilia Hansen, Councillor  
Lori Ackerman, Mayor  
Moira Green, General Manager of Community Services  
Tony Zabinsky, Councillor  
Trevor Bolin, Councillor

**Les MacLaren**

**Issue:** Micro-hydro net metering prices

**Minister:** Minister Michelle Mungall

**Date:** Tuesday, September 24, 2019

**Time:** 11:40-11:55am

**Location:** Room 14, 999 Canada Place

## **MINISTRY OF ENERGY, MINES AND PETROLEUM RESOURCES**

### **BRIEFING NOTE FOR INFORMATION**

**PREPARED FOR:** Honourable Michelle Mungall, Minister of Energy, Mines and Petroleum Resources

**ISSUE:** The Union of BC Municipalities 2019 meeting with the City of Fort St. John to discuss BC Hydro Net Metering Prices

#### **BACKGROUND:**

Mayor Lori Ackerman, Councillors Becky Grimsrud, Byron Stewart, Gord Klassen, Lila Hansen, Tony Zabinsky, and Trevor Bolin, City Manager Dianne Hunter; and General Manager of Community Services Moira Green, would like to meet to discuss net metering prices for micro hydro. Local MLA Dan Davies is also invited.

The City of Fort St John owns and operates a 100-kilowatt micro hydro plant that sells surplus electricity to BC Hydro through the net metering program. BC Hydro currently has an application before the British Columbia Utilities Commission (BCUC) to reduce the price for surplus energy purchases under the net metering program from 9.99 cents per kilowatt-hour to an amount that reflects the price BC Hydro can sell the electricity for on the regional wholesale market.

#### **DISCUSSION:**

While BC Hydro's net metering program was intended to allow its customers to offset their own electricity consumption, it included provisions to pay customers who generate more than they consume for their excess generation. BC Hydro's current price for excess generation reflects prices it paid for power from the Clean Power Call initiated in 2008, while it receives about one third of this price on the Mid-C market for its surplus energy. BC Hydro's losses from its purchases of excess generation accrue to all ratepayers.

The City of Fort St. John has expressed the view that they were encouraged to develop their micro hydro project as a net metering project, and noted that Jessica Macdonald, a previous Chief Executive Officer of BC Hydro, was present at the project's ribbon cutting event. BC Hydro, in responses to information requests from the City of Fort St. John, indicates that its practice is to inform its customers of their options, and that the net metering program was an option at the time the project was proposed.

The BCUC, an independent agency responsible for regulating energy utilities in British Columbia, is currently holding a public process on BC Hydro's application. Stakeholders representing several interests, including the City of Fort St John, are participating in this proceeding. If BC Hydro's application is successful, as a similar application by FortisBC was, the City of Fort St. John is likely to see a significant reduction in revenue from its micro hydro facility after a five-year grandfathering period. Although it is not possible to predict future

market prices with certainty, the Mid-C market price is typically between three and four cents per kilowatt-hour.

**MINISTRY RESPONSE:**

- BC Hydro's application to amend its net metering program is currently before the BCUC.
- The BCUC is an independent agency responsible for regulating energy utilities, including BC Hydro, and will decide on the application.
- I understand that the City of Fort St. John is participating in this proceeding as an intervenor. I encourage you to continue to participate in the BCUC's process.

**DRAFTED BY:**

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**APPROVED BY:**

Paul Wieringa, ED, EPB, EAED ✓  
Les MacLaren, ADM, EAED ✓  
Dave Nikolejsin, DM ✓

# **2019 UBCM CONVENTION**

## **COMMUNITY MEETINGS**

**Honourable Minister Michelle Mungall  
Ministry of Energy, Mines and Petroleum Resources**

**Community:**        **Regional District of Central Kootenay**

**Attending:**        Aimee Watson, RDCK Chair/Director-Area D;  
                         Stuart Horn, RDCK CAO;  
                         Tom Newell, RDCK Director-Area F

**Peter Robb**

**Issue:**              HB Mine Tailings Facility Closure and Reclamation

**Minister:**         **Minister Michelle Mungall**

**Date:**               **Tuesday, September 24, 2019**

**Time:**               **1-1:15pm**

**Location:**         **Room 14, 999 Canada Place**

Date:

## **MINISTRY OF ENERGY, MINES AND PETROLEUM RESOURCES**

### **BRIEFING NOTE FOR INFORMATION**

**PREPARED FOR:** Honourable Michelle Mungall, Minister of Energy, Mines and Petroleum Resources

**ISSUE:** UBCM 2019 meeting with the Regional District of Central Kootenay to discuss the HB Mines tailings facility closure and reclamation.

#### **BACKGROUND:**

Aimee Watson, Regional District of Central Kootenay (RDCK) Chair/Director Area D; Stuart Horn, RDCK CAO; and Tom Newell, RDCJ Director – Area F would like to meet to discuss the HB Mine facility closure and reclamation.

The HB mine was a lead-zinc mine operated non-continuously between 1955 and 1978. The HB tailings facility stores approximately 6.6 million tonnes of tailings. Tailings are retained by a 27 m high cross-valley dam, which was constructed in several stages using local earthfills, drainage layers, and timber crib retaining walls. Two decant towers discharged water through the dam. Historical drainage pipes and fill units are also reported to be present.

RDCK purchased the HB tailings facility in 1998, as part of long-term planning associated with their landfill facility located to the immediate east of the tailings facility. Several campaigns of decommissioning and upgrade works have been completed at the facility since 2000. These have included installation of a spillway, decommissioning of a decant/pipeline structure, addition of a toe berm in 2005, repair of an embankment slough in 2012, and installation of a filter in 2016.

Geotechnical infrastructure on site comprises the historical tailings facility, with its retaining dam. Since 2016 EMPR staff have had numerous discussions with RDCK about plans to design and implement a final closure plan on the tailings facility. In 2019 EMPR technical staff reviewed and commented on a conceptual closure plan and provided guidance on application information requirements.

#### **DISCUSSION:**

The Ministry is supportive of RDCK's effort to close the tailings facility. RDCK is proposing to close the facility with a dry cover and implement a design enhance stability long-term. An amendment to the mines Act permit is required to implement the changes to the facility, and Ministry technical staff have provided extensive guidance and visited the site several times in order to facilitate RDCK's preparation of an application.

### **Summary of EMPR Visits Since 2014**

<b>Site Visit Date</b>	<b>Technical Discipline</b>
October 21, 2014	Reclamation
July 11, 2016	Health and Safety
July 11, 2018	Geotechnical
<i>September, 2019 (upcoming planned)</i>	Geoscience and Reclamation

As far as we are aware, this is the first time RDCK has requested a grant to support implementation of the closure design.

#### **RECOMMENDED RESPONSE:**

- EMPR technical staff will continue to work with the RDCK regarding the closure of the facility

#### **DRAFTED BY:**

Lowell Constable, P.Eng  
A/Executive Director, Major  
Mines Office

#### **APPROVED BY:**

Peter Robb, ADM, MCAD✓  
Dave Nikolejsin, DM✓

# **2019 UBCM CONVENTION**

## **COMMUNITY MEETINGS**

**Honourable Minister Michelle Mungall  
Ministry of Energy, Mines and Petroleum Resources**

**Community:       Town of Smithers**

**Attending:**       Alan Harris, CAO  
                  Casda Thomas, Councillor  
                  Gladys Atrill, Councillor  
                  John Buikema, Councillor

**Les MacLaren**

**Issue:**            LED conversion of provincially owned BC Hydro incandescent  
                  streetlights within the Town of Smithers.

**Minister:**        **Minister Michelle Mungall**

**Date:**            **Tuesday, September 24, 2019**

**Time:**            **1:20-1:35pm**

**Location:**       **Room 14, 999 Canada Place**



## **UBCM 2019 Information Request – LED Streetlights**

### **Topic:**

Local governments are interested in the status of BC Hydro's street light replacement program (conversion of existing lights to LEDs). Many are waiting on BC Hydro to convert its street lights before converting their own to achieve consistency in the municipality and are growing frustrated with perceived inaction.

### **Background:**

- BC Hydro owns and maintains approximately 95,000 of about 350,000 street lights across B.C. The rest are customer-owned and maintained.
- We need to replace existing high pressure sodium street lights – brought to market in 1964 and the most popular type in North America since the 1980s - to meet federal environmental regulations.
  - In 2008, federal regulations were enacted requiring light ballasts containing PCBs to be removed by December 31, 2025
  - It's estimated that ~20% of BC Hydro's street lights contain PCBs
- BC Hydro has a street light replacement program underway that is in the midst of the planning and procurement phase.
- The streetlights are expected to be replaced with new, more energy-efficient, LED technology. Converting the street lights to LEDs will have numerous benefits including:
  - reducing energy usage
  - meeting federal environmental regulations
  - improving public lighting
  - reduced maintenance – LED lights last about 20 years as opposed to the current streetlights which require the bulbs to be replaced every 7 years

### **Recommended Response:**

- We understand that local governments are interested in the status of our conversion of existing streetlights to more energy-efficient LEDs.
- There are over 95,000 BC Hydro-owned and maintained street lights to be replaced – and these lights will last about 20 years – so we need to make sure that the new LED technology provides maximum benefits for everyone.
- In the summer of 2019, BC Hydro issued an RFP for the supply of LED streetlights and photocells. The vendor will be selected later in 2019. A separate procurement process is currently underway for the installation services.
- We're working on the LED street light deployment plan. We anticipate starting to install LED streetlights in the summer of 2020, with the conversion taking place over the following three years.
- We don't have a deployment schedule yet. Once we select an installation vendor, we will work with them to determine the most efficient and cost-effective deployment

## Confidential

schedule. A high-level schedule will be available online. We'll contact and coordinate with customers months in advance of the work beginning in your community.

- The details of new rates won't be known until we complete our procurement process and confirm the final LED street light costs for our rate application to the BCUC. The final LED street light rates require BCUC approval. We plan to file a rate design application with the BCUC in early 2020.
- We're currently consulting with some communities on a LED street light rate structure to ensure that existing customer needs are considered and accommodated. To ensure all customers are treated fairly, we will be developing a transition rate during the deployment so that all customers receive the same financial benefit regardless of when the conversion occurs. All customers will be charged the same rates once we start deploying LED street lights.
- More information about streetlights, the replacement program and program updates can be found on [www.bchydro.com/streetlights](http://www.bchydro.com/streetlights).

## Frequently Asked Questions

### What options will be available?

- We're carefully looking at all options to offer to our customers. These include providing customers with the ability to select from multiple wattage options and two light colour temperatures (3000K and 4000K). We evaluated and decided against including a smart/advanced controller solution – primarily because the benefits of advanced controllers are not sufficient to offset the cost and the technical complexities of implementing this new technology at this time.

### Will BC Hydro help with new lighting design?

- BC Hydro does not provide street lighting design services. We'll provide you with a list of the default LED replacements that are equivalent to your current high pressure sodium (HPS) or mercury vapor lights. You will need to confirm if the default replacement LED street lights meet your needs. If you want to change your lighting design, you will need to work with your lighting design consultant. Because every customer's needs are different, lighting design is the responsibility of the city.

### Can we add, remove or change existing BC Hydro street lights?

- You can take advantage of the opportunity to review and update your lighting design. For example, you can add street lights in darker areas where there are existing BC Hydro poles, remove street lights you no longer need and change current lighting levels. We'll provide you an inventory of your existing street lights closer to the deployment for you to review and confirm your lighting needs.

## **2019 UBCM CONVENTION**

### **COMMUNITY MEETINGS**

**Honourable Minister Michelle Mungall  
Ministry of Energy, Mines and Petroleum Resources**

**Community:**        **City of Nelson**

**Attending:**        Cal Renwick, Councillor  
                         Colin McClure, CFO  
                         Kevin Cormack, City Manager  
                         Rik Logtenberg, Councillor

**Les MacLaren**

**Issue:**              Electric Bike/Eco-Save & Employee Purchase Program

**Minister:**        **Minister Michelle Mungall**

**Date:**              **Tuesday, September 24, 2019**

**Time:**              **1:40-1:55pm**

**Location:**        **Room 14, 999 Canada Place**

## MINISTRY OF ENERGY, MINES AND PETROLEUM RESOURCES

### BRIEFING NOTE FOR INFORMATION

**PREPARED FOR:** Honourable Michelle Mungall, Minister of Energy, Mines and Petroleum Resources

**ISSUE:** The Union of BC Municipalities 2019 meeting with the City of Nelson to discuss active transportation and energy savings programs, self-generation policy, and local clean technology funding

#### BACKGROUND:

Councillors Cal Renwick and Rik Logtenberg; Chief Financial Officer Colin McClure; and City Manager Kevin Cormack, wish to discuss support for active transportation and energy savings programs, self-generation policy, and local government eligibility for clean technology funding.

The City of Nelson owns and operates its own municipal electric utility, Nelson Hydro. Nelson Hydro owns and operates a 16 MW hydroelectric generation facility, which produces 55% of their annual energy requirements, while approximately 45% of Nelson Hydro's annual energy requirements are obtained via power purchase from FortisBC Electric.

#### Active Transportation and Energy Savings Programs

Nelson Hydro's EcoSave program offers residents of the Regional District of Central Kootenay rebates and on-bill financing to make homes more energy efficient. Ecosave also recently introduced a financing offer for city employees to purchase e-bikes. The City of Nelson would like the Minister to champion novel financing and greater incentives to foster active transportation and energy retrofits.

#### Self-Generation Policy

The City of Nelson continues to look for opportunities to export a portion of its below-load self-generated electricity while increasing purchases from FortisBC. While this arrangement would benefit the City of Nelson, it would have negative impacts on BC Hydro ratepayers if the City's increased purchases from FortisBC are in turn covered by increased sales from BC Hydro to FortisBC at a lower price.

#### Clean Technology Funding

The Innovative Clean Energy Fund (ICE Fund) is a special account designed to support clean energy and technology. The ICE Fund has partnered with Sustainable Development Technology Canada (SDTC) on a \$40 million Joint-Call over a three-year continuous intake period to support pre-commercial clean-energy projects and technologies that will mitigate or avoid provincial greenhouse gas (GHG) emissions, including prototype deployment, field testing and commercial-scale demonstration projects.

For the purposes of the Joint-Call, proponents must be Canadian private sector entities and projects must take place in British Columbia (BC). Proponents must demonstrate how the proposed project will result in GHG reductions, commercialization, and economic growth in BC and Canada. While local governments cannot lead projects, the Innovate Clean Energy (ICE) Fund welcomes projects with local governments as partners. The ICE Fund is happy to answer any questions on clean technology funding. Please direct enquiries to [ICEFUND@gov.bc.ca](mailto:ICEFUND@gov.bc.ca).

The Ministry also funds innovation and clean technology in buildings through the CleanBC Building Innovation Fund, which has been allocated \$1.8 million for fiscal year 2019/2020. This program provides funding for projects and programs that accelerate the availability, acceptability and affordability of low-carbon building solutions including advanced building designs, new construction methods, and ultra-efficient building components. Research, commercialization, and demonstration projects are included. Local governments are eligible applicants. The current intake period closed July 31, but more intakes are expected in the future.

## **DISCUSSION:**

### Active Transportation and Energy Savings

Through the Better Homes and Better Buildings Program the province offers financial incentives and support to help households and businesses save energy and reduce climate pollution by switching to high-efficiency heating equipment and making building-envelope improvements. \$41 million has been committed over the next 3 years to support this program.

As a part of this funding envelope, the Province is developing a province-wide low-interest financing program for energy efficiency and fuel switching. The Province ran on-bill financing pilots with FortisBC and BC Hydro in 2013 but found the implementation costs were high and the uptake poor. As a result, for CleanBC, the Province is choosing a third-party financing model. The first phase is expected to launch later this year. We encourage Nelson Hydro to contact the Ministry about how current EcoSave programs might interact with or complement planned Provincial programs.

Funding for incentives of up to \$850 toward the cost of electric bicycles, electric scooters, car-share credits and transit passes when someone scraps an older vehicle are offered through the SCRAP-IT BC program. To date, the SCRAP-IT BC program has supported the purchase of nearly 200 electric bicycles. The Province is actively exploring ways to expand support for active transportation and is using the results of the Active Transportation Strategy Consultation, led by the Ministry of Transportation and Infrastructure, to help shape these options.

### Self-Generation Policy

In 2009, the British Columbia Utilities Commission (BCUC) ruled in Order G-48-09 that below load sales from large self-generators in FortisBC territory resulting in greater FortisBC purchases from BC Hydro were contrary to the public interest as they would cause harm to BC Hydro and its ratepayers. The BCUC did allow for the possibility that self-generators in FortisBC territory, including the City of Nelson, could make export sales below their load if FortisBC could develop a self-generation policy to ensure those sales were exclusively from FortisBC's non-BC Hydro

supplied resources and that they would otherwise have no negative impact on ratepayers. No self-generation policy has been approved by the BCUC to date.

Most recently in February 2019, the BCUC declined to approve Fortis BC's Self-Generation Policy (SGP) Stage II Application as most interveners and the Panel agreed the SGP did not adequately address risk of harm to ratepayers. The BCUC has closed the process, issuing no further directives.

#### Clean Technology Funding

The CleanBC Plan, released in December 2018, is designed to help create new economic opportunities for people and spur innovation to grow BC's world-leading clean energy and technology sectors. A reinvigorated ICE Fund under Clean BC Phase Two, as identified in Minister Mungall's July 2017 Mandate Letter, has the potential to further spur growth and innovation in clean energy and technology. Partnerships between private sector entities and local governments can be advanced through the Joint Call and the ICE Fund.

#### **MINISTRY RESPONSE:**

The Province applauds initiatives at the local level that promote energy efficiency, GHG emission reductions, active transportation, and clean energy innovation.

The BCUC is responsible for determining whether utility applications, including proposals to address customer self-generation and sales of electricity, are in the public interest. In doing so, it will consider customer, stakeholder and utility perspectives.

#### **DRAFTED BY:**

Katherine Muncaster with  
EAED input, A/Director EEB  
778-698-7180

#### **APPROVED BY:**

Nat Gosman, A/ED BEU ✓  
Les MacLaren, ADM, EAED ✓

# **2019 UBCM CONVENTION**

## **COMMUNITY MEETINGS**

**Honourable Minister Michelle Mungall  
Ministry of Energy, Mines and Petroleum Resources**

**Community:**        **Regional District of Strathcona**

**Attending:**        Jim Abram, Director

**Les MacLaren**

**Issue:**             Independent Power Projects (IPP) on Crown Land (Electoral Area C)

**Minister:**        **Minister Michelle Mungall**

**Date:**              **Tuesday, September 24, 2019**

**Time:**              **2-2:15pm**

**Location:**        **Room 14, 999 Canada Place**

## MINISTRY OF ENERGY, MINES AND PETROLEUM RESOURCES

### BRIEFING NOTE FOR INFORMATION

**PREPARED FOR:** Honourable Michelle Mungall, Minister of Energy, Mines and Petroleum Resources

**ISSUE:** The Union of BC Municipalities 2019 meeting with the Regional District of Strathcona to discuss their concerns about Independent Power Producers developing projects on Crown Land

#### BACKGROUND:

Director Jim Abram would like to meet to discuss his constituents' concerns about Independent Power Producers (IPPs) development

BC Hydro has purchased power from over 100 independent power projects, and proponents have looked at additional potential projects in many parts of the province. BC Hydro is in surplus and, without significantly more than anticipated demand growth, does not need the energy that new IPP projects would generate. With the indefinite suspension of the Standing Offer Program (SOP), BC Hydro is no longer purchasing electricity from new clean or renewable projects.

#### DISCUSSION:

In the near to medium term, IPP development in Strathcona's Electoral Area C is very unlikely. BC Hydro is not purchasing electricity from new projects, except as needed to meet the terms of impact benefit agreements (IBAs) with Indigenous nations, and without a purchaser, IPP development is not viable. Ministry staff are not aware of any IBAs that would cause BC Hydro to buy IPP power in Electoral Area C.

In the longer term, BC Hydro may need additional energy from clean projects to enable electrification to meet CleanBC targets. BC Hydro and government are looking at potential approaches to meeting increased demand resulting from electrification as part of the second phase of the Comprehensive Review of BC Hydro. Following the Review, BC Hydro will develop its next Integrated Resource Plan, which will look at potential load growth and options for supplying customer demand.

Any IPP contracts in the future are anticipated to require approval by the BCUC under Section 71 of the *Utilities Commission Act*. A BCUC panel would consider whether the contract is in the public interest of British Columbia as a whole. The panel would weigh concerns and benefits of various impacted parties, including local government concerns. This perspective is different and much broader than what a local government might take into account if making a similar decision.

Development of a clean energy project, whether by BC Hydro or by an IPP, is subject to a number of environmental and land-use requirements. Projects of at least 50 MW generating



capacity are subject to the *BC Environmental Assessment Act* and projects may additionally be subject to the *Canadian Environmental Assessment Act*. However, projects that do not screen into either assessment process face several additional requirements. Land act authorizations are required for the use and occupancy of Crown land, with the Province responsible for assessing the impact of clean energy projects on Crown lands. Projects that may divert and use water require licenses and approvals under the *Water Act* and *Water Protection Act*. In all cases, clean energy projects must comply with applicable provincial and federal environmental protection regulations.

#### **MINISTRY RESPONSE:**

- BC Hydro currently has a surplus of clean or renewable electricity.
- BC Hydro's energy procurement initiatives were examined as part of the first phase of the Comprehensive Review of BC Hydro. As a result of the review, BC Hydro indefinitely suspended its SOP to reduce pressure on electricity rates.
- BC Hydro is not purchasing electricity from new projects and is not expected to need additional energy within the next decade.
- Any projects developed in the future, whether by BC Hydro or by IPPs, would be subject to numerous provincial, and possibly federal, environmental and land-use requirements.
- BC Hydro and government are looking at potential approaches to acquiring new clean or renewable electricity as part of the second phase of the Comprehensive Review of BC Hydro, so that BC Hydro can provide cost-effective clean energy to support the electrification that will be needed to meet our CleanBC targets.
- Stakeholders will have an opportunity to provide feedback on the interim results of the second phase of the Comprehensive Review of BC Hydro.
- Following the second phase of the review, BC Hydro will look at the potential growth in its customers demand for electricity, and options for meeting that demand, in its Integrated Resource Plan (IRP). The British Columbia Utilities Commission will determine whether to approve the IRP after a public process that will include input from stakeholders.
- I encourage you to provide your input to both the Comprehensive Review and IRP processes.

#### **DRAFTED BY:**

Jack Buchanan  
(778) 698-7293

#### **APPROVED BY:**

Paul Wieringa, ED, Electricity ✓  
Les MacLaren, ADM, EAED ✓  
Dave Nikolejsin, DM ✓

# **2019 UBCM CONVENTION**

## **COMMUNITY MEETINGS**

**Honourable Minister Michelle Mungall  
Ministry of Energy, Mines and Petroleum Resources**

**Community: District of Highlands**

**Attending:** Ann Baird, Councillor  
Ken Williams, Mayor  
Leslie Anderson, Councillor  
Loranne Hilton, Chief Administrative Officer  
Marcie McLean, Councillor

**Les MacLaren**

**Issue:** Feed in Tariff Regulation

**Minister:** Minister Michelle Mungall

**Date:** Tuesday, September 24, 2019

**Time:** 2:20-2:35pm

**Location:** Room 14, 999 Canada Place

## MINISTRY OF ENERGY, MINES AND PETROLEUM RESOURCES

### BRIEFING NOTE FOR INFORMATION

**PREPARED FOR:** Honourable Michelle Mungall, Minister of Energy, Mines and Petroleum Resources

**ISSUE:** The Union of BC Municipalities 2019 meeting with the District of Highlands to discuss a Feed-in Tariff regulation

#### BACKGROUND:

Mayor Ken Williams, Councillors Ann Baird, Leslie Anderson, and Marcie McLean, and Chief Administrative Officer Lorraine Hilton, wish to encourage the enactment of a Feed-in Tariff regulation that would accelerate sustainable energy deployment and assist with emissions reductions. In particular, the District of Highlands Council wishes to see access to the grid for local government landfills, and also for community owned solar energy farms.

BC Hydro has never offered a Feed-in Tariff Program, although the *Clean Energy Act* gave the Lieutenant Governor in Council the ability to require one. Under this type of program, BC Hydro would offer to enter into energy supply contracts with eligible renewable electricity generators at a fixed price. Feed in Tariffs in other jurisdictions have been used to make it easy for developers to sell renewable generation into the power grid. In British Columbia (BC), the Standing Offer Program served the same function. The Capital Regional District (CRD), which owns and operates the landfill used by Highlands, currently has an electricity purchase agreement (EPA) for electricity generated from methane recovery at its Hartland landfill.

#### DISCUSSION:

##### 1. Feed-in Tariff Program and Alternatives

BC Hydro has never offered a Feed-in Tariff Program. Under this type of program, BC Hydro would offer to enter into energy supply contracts with eligible renewable electricity generators, who would be paid a high cost-based price for the renewable electricity they supply. A Feed-in Tariff Program enables diverse technologies (wind, solar, etc.) to be developed and provides investors a reasonable return.

With passage of the *Energy Statutes Amendment Act, 2019* during the spring of 2019, the Lieutenant Governor in Council no longer has the authority under the *Clean Energy Act* to direct BC Hydro to offer a Feed-in Tariff Program. The legislation was amended to remove this authority because the concept of a Feed-in Tariff Program has become stale-dated and the provisions allowing for its establishment are no longer required. BC Hydro is expected to be in an energy surplus for the foreseeable future, negating the need for energy acquisitions under a Feed-in Tariff Program. Proceeding with a program now, or in the foreseeable future, would also place pressure on BC Hydro's rates, and its net income, by driving the acquisition of energy BC Hydro does not need, and which it may be required to sell for a loss on export markets.

Local governments have other options available if they wish to pursue sustainable energy development opportunities, including the Province's Community Energy Leadership Program (CELP). CELP was established in 2015 to support local government and First Nations' (including remote communities) investments in energy efficiency and clean energy projects. The main goals of the program are to reduce greenhouse gas emissions, increase energy efficiency, stimulate local economic activity in the clean energy sector, and support vibrant and resilient communities. The CELP Round 4 Funding Intake closed in May 2019. Future funding intakes are not currently scheduled but CELP encourages communities to contact program staff to discuss their proposed project, to confirm alignment with the program, and to receive support / advice.

Local governments may also be able to participate in net metering programs offered by both BC Hydro and FortisBC. Net metering programs are designed for customers who generate electricity for their own use. When the customer generates more than they need, they sell the excess to the public utility. When they don't generate enough to meet their needs, they buy electricity. To participate in BC Hydro's net metering program, a project must:

- be owned or leased by the customer;
- connect to BC Hydro's distribution system;
- use a clean or renewable resource such as solar, wind, hydro, etc.;
- have an aggregate nameplate capacity of no more than 100 kW; and
- be sized to meet the customer's annual usage.

Communities like the District of Highlands - that already are grid-connected and supplied with clean electricity from BC Hydro – are not likely to achieve significant, if any, emissions reductions from the development of new electricity generation projects. Investments in energy efficiency measures, including building retrofits, renewable heating systems and heat pump technology, may be a more effective use of local government resources in these communities.

## **2. Grid access for local government landfills**

The Hartland Landfill Facility, which serves the CRD (including the District of Highlands), currently has an EPA with BC Hydro for the production of electricity from landfill gas. The current volume of gas collected at the landfill has exceeded the capacity of the current power generation equipment and, as a result, the CRD Board of Directors has asked CRD staff to investigate alternative utilization methods for the excess gas, including:

- Green Power: expanding the existing power generation equipment and selling more electricity to BC Hydro; and/or
- Renewable Natural Gas (RNG): upgrade the landfill gas to RNG and sell the upgraded gas onto the FortisBC gas pipeline.

Mayor Williams is the District of Highlands representative on the CRD Board.

With BC Hydro currently in an energy surplus, local governments with landfills have been encouraged to investigate opportunities to use landfill gases for RNG – rather than electricity production. Ministry staff are currently engaged in discussions with the CRD regarding the potential development of a Renewable Fuels Research Centre (RFRC) at the Hartland Landfill Facility. The Ministry is a strong supporter of the establishment of such a centre due to its close

linkages to several CleanBC initiatives, including: making natural gas cleaner by putting in place a minimum requirement of 15% to come from renewable gas by 2030; increasing the supply of renewable fuels in BC to 650 million litres by 2030; identifying and developing viable sources of carbon-neutral hydrogen; and renewing the Province's bioenergy strategy.

**RECOMMENDED RESPONSE:**

- BC Hydro's domestic supply is approximately 98% clean or renewable, and BC Hydro is expected to be in an energy surplus for the foreseeable future.
- As a result, BC Hydro does not need to purchase new renewable electricity to meet its customers' needs at this time, and there is no need for purchases through a feed in tariff.
- Grid-connected communities, like the District of Highlands, may achieve greater greenhouse gas emissions reductions from investments in energy efficiency measures, instead of pursuing new generation opportunities.
- District of Highlands staff and council members are encouraged to contact the Ministry of Energy, Mines and Petroleum Resources' Community Clean Energy Branch to discuss supports and funding opportunities that may be available.
- CleanBC calls for 15% renewable content in natural gas by 2030 and promotes the use of landfill gas as a source of RNG. Government supports the CRD's efforts to explore the feasibility of RNG production at the Hartland Landfill Facility.

**DRAFTED BY:**

Shannon Craig  
Electricity Policy Analyst  
778-698-7016

**APPROVED BY:**

Jack Buchanan, A/Director, GRB✓  
Les MacLaren, ADM, EAED ✓  
Dave Nikolejsin, DM✓

# **2019 UBCM CONVENTION**

## **COMMUNITY MEETINGS**

**Honourable Minister Michelle Mungall  
Ministry of Energy, Mines and Petroleum Resources**

**Community:**       **City of Castlegar**

**Attending:**       Bruno Tassone, Mayor  
Chris Barlow, CAO

**Les MacLaren**

**Issue:**            Mercer-Celgar Power Production Agreement

**Minister:**       **Minister Michelle Mungall**

**Date:**            **Tuesday, September 24, 2019**

**Time:**            **2:40-2:55pm**

**Location:**       **Room 14, 999 Canada Place**

**MINISTRY OF ENERGY, MINES AND PETROLEUM RESOURCES**

**BRIEFING NOTE FOR INFORMATION**

**PREPARED FOR:** Honourable Michelle Mungall, Minister of Energy, Mines and Petroleum Resources

**ISSUE:** The Union of BC Municipalities 2019 meeting with the City of Castlegar to discuss the Celgar Mill's Electricity Purchase Agreement

**BACKGROUND:**

Mayor Bruno Tassone, two city councillors (names TBD), and Chief Administrative Officer Chris Barlow would like to meet to ask that the Province engage with Mercer on its electricity purchase agreement (EPA) with BC Hydro. Honourable Katrine Conroy, Minister of Children and Family Development is also invited.

Mercer International owns the Celgar mill near Castlegar, which has an EPA with BC Hydro. Mercer is considering investments that would increase pulp production and electricity generation, while BC Hydro is reducing the price and volume of electricity purchases when it renews expiring biomass EPAs. Mercer has asked government to direct BC Hydro to purchase additional electricity at above-market prices on EPA renewal.

**DISCUSSION:**

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**MINISTRY RESPONSE:**

- BC Hydro is negotiating with Mercer, and with other biomass generators, on renewing electricity purchase agreements (EPAs) under the Biomass Energy Program.
- To limit the impacts on BC Hydro's ratepayers, BC Hydro is limiting both the quantity and price they will pay for electricity on renewal of biomass EPAs.
- The Province has been engaging with Mercer throughout this process.
- Mercer should continue to work with BC Hydro on their EPA renewal.

**DRAFTED BY:**

Jack Buchanan  
(778) 698-7293

**APPROVED BY:**

Paul Wieringa, ED, EPB, EAED ✓  
Les MacLaren, ADM, EAED ✓  
Dave Nikolejsin, DM ✓



# **2019 UBCM CONVENTION**

## **COMMUNITY MEETINGS**

**Honourable Minister Michelle Mungall  
Ministry of Energy, Mines and Petroleum Resources**

**Community: Regional District of Bulkley-Nechako**

**Attending:** Bev Playfair, Director  
Brad Layton, Director  
Cheryl Anderson, Manager of Admin Services  
Clint Lambert, Director  
Curtis Helgesen, CAO  
Dolores Funk, Director  
Gerry Thiessen, Chair  
Jerry Petersen, Director  
Kim Watt-Senner, Director  
Linda McGuire, Director  
Mark Fisher, Director  
Mark Parker, Director  
Michael Riis-Christianson, Director  
Rob Newell, Director  
Shane Brienens, Director  
Taylor Bachrach, Director  
Tom Greenaway, Director

**Michelle Carr**

**Issue:** Environmental Assessment Process and OGC Permitting Process

**Minister:** Minister Michelle Mungall

**Date:** Thursday, September 26, 2019

**Time:** 4:20-4:35pm

**Location:** Room 13, 999 Canada Place

## **MINISTRY OF ENERGY, MINES AND PETROLEUM RESOURCES**

### **BRIEFING NOTE FOR INFORMATION**

**PREPARED FOR:** Honourable Michelle Mungall, Minister of Energy, Mines and Petroleum Resources

**ISSUE:** Coastal GasLink pipeline regulatory oversight in the Bulkley-Nechako Regional District.

#### **BACKGROUND:**

The Government of British Columbia has implemented a four-condition approach to natural gas development where, all projects should:

- Guarantee a fair return for B.C.'s natural resources.
- Guarantee jobs and training opportunities for British Columbians.
- Respect and make partners of First Nations.
- Protect B.C.'s air, land and water, including living up to the Province's climate commitments.

These four conditions formed the basis for discussions toward a final investment decision (FID). The FID was announced on October 1, 2018 by LNG Canada and joint venture participants Shell, PETRONAS, PetroChina, Mitsubishi Corporation and KOGAS to build the LNG Canada export facility in Kitimat, B.C. Coastal GasLink (CGL) is constructing the connecting natural gas pipeline from the Dawson Creek area to Kitimat.

CGL underwent a provincial Environmental Assessment and was issued an Environmental Assessment Certificate (EAC) on October 23, 2014 by the B.C. Environmental Assessment Office (EAO). CGL's EAC contains 33 strict conditions describing "how" the project will be implemented, with experts providing oversight on the CGL project. Conditions are legally binding requirements, which the certificate holder must adhere to throughout the life of the project.

The BC Oil and Gas Commission (OGC) is the provincial regulator for the CGL project. The project is permitted in eight sections, with sections five and six traversing the Regional District of Bulkley-Nechako (RDBN). The OGC issued the necessary permits for pipeline construction after a comprehensive review and consultation in 2015 and 2016.

#### **DISCUSSION:**

The Government of British Columbia has statutory responsibilities to ensure the natural gas industry, including the companies involved with LNG Canada and its connecting pipeline, CGL, are permitted and compliant with all provincial legislation and requirements.

Government agencies, such as the EAO and the OGC, routinely inspect industry operations to ensure areas requiring attention are dealt with accordingly. This is a long, established process that works – one that keeps British Columbians and the environment protected.

The EAO is responsible for verifying compliance with the EAC throughout the pre-construction, construction, operations and the decommissioning phases of the project. The EAO conducts routine inspections of CGL's project to ensure they meet the legally binding requirements of their certificate. These inspections ensure CGL is held accountable to the requirements designed to mitigate potential adverse effects to the environment, heritage, health, social and economic values and Indigenous interests.

Condition 24 of the EAC held by CGL details a requirement to develop and implement a Socio-Economic Effects Management Plan (SEEMP). The SEEMP requires CGL to provide regular effective consultation with affected groups, including local governments, related to community level infrastructure and services such as water, waste (solid and liquid), health and social services. Local governments are encouraged to participate fully in the SEEMP consultation processes.

The OGC's engagement with the RDBN and CGL dates back to 2015 during the original pipeline application review and the OGC will continue to engage with the RDBN as questions and concerns arise.

In addition to the regulatory oversight by the EAO and the OGC, the LNG Canada Implementation Secretariat was established to ensure effective provincial implementation and to provide adaptive management of issues so CGL continues to meet the four conditions for LNG development in B.C.

#### **MINISTRY RESPONSE:**

The LNG Canada project is creating jobs and service sector opportunities for Indigenous and non-Indigenous communities across northern B.C. In all, the project is expected to create up to 10,000 direct jobs and create revenue for British Columbia that will help us support essential programs and services like health care and education for decades.

Ministry compliance and enforcement staff, along with OGC compliance and enforcement staff will be attentive and ensure regulatory oversight of CGL, their contractors and sub-contractors.

The RDBN is encouraged to reach out to the EAO or the OGC with their concerns during the CGL project. The LNG Canada Implementation Secretariat is also available to should RDBN have questions about the projects.

#### **DRAFTED BY:**

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#### **APPROVED BY:**

Michelle Carr  
Assistant Deputy Minister, LNGCIS

# **2019 UBCM CONVENTION**

## **COMMUNITY MEETINGS**

**Honourable Minister Michelle Mungall  
Ministry of Energy, Mines and Petroleum Resources**

**Community: City of Prince George**

**Attending:** Cori Ramsay, Councillor  
Dyra Pridham, Sr. Executive Assistant  
Frank Everitt, Councillor  
Ian Wells, Gen Mgr  
Kathleen Soltis, City Manager  
Kyle Sampson, Councillor  
Lyn Hall, Mayor  
Melissa Barcellos, Manager

**Les MacLaren  
May Mah-Paulson**

**Issue:** West Coast Olefins Petrochemical Project

**Minister:** Minister Michelle Mungall

**Date:** Thursday, September 26, 2019

**Time:** 4:40-4:55pm

**Location:** Room 13, 999 Canada Place

## MINISTRY OF ENERGY, MINES AND PETROLEUM RESOURCES

### BRIEFING NOTE FOR INFORMATION

**PREPARED FOR:** Honourable Michelle Mungall, Ministry of Energy, Mines and Petroleum Resources

**ISSUE:** UBCM 2019 meeting with the City of Prince George

#### BACKGROUND:

The City of Prince George wishes to discuss the Province's and BC Hydro's role in enabling two potential economic development initiatives: 1) the proposed West Coast Olefins (WCO) petrochemical facility; and 2) the investment by data centres in the Prince George (PG) area.

#### West Coast Olefins

West Coast Olefins (WCO) is a Calgary-based company proposing to build a petrochemical facility in Prince George that would extract one million tonnes of ethane per year from the Enbridge Westcoast Pipeline to produce ethylene and ultimately polyethylene pellets. The proposed project would include three independently-owned business operations:

1. A natural gas liquids (NGL) Recovery Plant to recover ethane, propane, butane and natural gas condensate from the Westcoast Pipeline.
2. An Ethylene Plant that would use ethane from the Recovery Plant to produce polymer-grade ethylene (the recovered propane and butane will be exported into international markets).
3. A Polyethylene Plant, which would use the ethylene produced by the Ethylene Plant to produce plastic pellets for shipment to Asia.

The anticipated capital expenditure is about \$6 billion. The proposed petrochemical facility would be capable of recovering up to 5,500 cubic metres per day of NGL products from 2.1 billion cubic feet per day of pipeline gas. On July 23, 2019, WCO announced they have secured a 300-acre site within the City of Prince George to develop their project. They are preparing to enter the formal regulatory approval process and have initiated conversations with the BC Environmental Assessment Office. The project is targeting a final investment decision (FID) by the end of 2020, with operations to commence by 2023. WCO anticipates that the project would create 1,000 direct operational jobs and 5,000 construction jobs.

#### Data Centres

Data centres are a large group of networked computer servers typically used by organizations for the remote storage, processing, or distribution of large amounts of data. Data centres are one of the major costs for the world's largest Internet companies such as Facebook, Google, and Amazon<sup>1</sup>. In a recent whitepaper, Google described the substantial electricity requirements of their data centres – 5,700 gigawatt-hours (GW.h) - as one of their largest operating costs<sup>2</sup>.

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<sup>1</sup> <http://large.stanford.edu/courses/2017/ph240/yu2/docs/lbnl-1005775.pdf>

<sup>2</sup> <https://static.googleusercontent.com/media/www.google.com/en//green/pdf/achieving-100-renewable-energy-purchasing-goal.pdf>

PG asserts that current BC Hydro electricity rates and the distance of possible data centre sites from the nearest BC Hydro substations are barriers to the investment. PG wants the Province and BC Hydro to work with local governments and economic development agencies to identify an electricity rate structure and connectivity costs that would help attract data centres and other industry to invest in the area.

**DISCUSSION:**

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**Data Centres**

The Province is currently undertaking the second phase of its Comprehensive Review of BC Hydro (Review), an objective of which is to develop a robust and long-term strategy for the utility to ensure its sustainability in the future and leverage its competitive strengths. A key area of focus is determining BC Hydro's role in meeting the electrification goals set out in CleanBC to achieve the Province's legislated greenhouse gas reduction targets. This includes an examination of what changes, if any, are required to ensure new customer demand for access to

clean electricity is achieved in an efficient, cost-effective, and timely manner. Alternatives to BC Hydro’s current tiered rate structure and interconnections process for industrial customers are being considered as part of the Review process.

Opportunities such as data centre load attraction, which would advance CleanBC electrification and economic development objectives, are being examined in the Review. BC Hydro may be uniquely positioned to attract load from data centres due to its ability to offer a reliable and constant supply of clean electricity. To reduce their total carbon footprint, companies such as Google have achieved carbon neutrality on an annual basis, which involves the purchasing of carbon offsets for electricity consumed from non-renewable sources. Google’s stated goal is to supply its operations with clean energy in every hour of the day, which requires a clean, dispatchable resource – such as large hydro - to firm and shape<sup>3</sup> the intermittent energy produced by renewable resources. The Province is working with subject matter experts at BC Hydro and Powerex as well as the Review’s Expert Advisors to better understand the potential economic development opportunities presented by attracting load from energy intensive industries, such as data centres.

## **MINISTRY RESPONSE:**

### **West Coast Olefins**

- The Ministry of Energy, Mines and Petroleum Resources (Ministry) is aware of the “value-added” benefits of the petrochemical industry and aims to promote development of this industry in British Columbia. To this end, the Ministry is committed to understanding and addressing, where possible, economic competitiveness of proposed value-added natural gas projects in the province.
- While the West Coast Olefins project still has significant engineering and regulatory milestones to achieve, the Province will continue to work closely with the project as it advances through the regulatory approval process.

### **Data Centres**

- A key area of focus for the second phase of the Comprehensive Review of BC Hydro currently underway is meeting the electrification goals set out in CleanBC to achieve the Province’s legislated greenhouse gas reduction targets. This includes an examination of what is required to ensure that new customer demand for access to clean electricity from the grid is achieved in an efficient, cost-effective, and timely manner.
- Stakeholders and Indigenous Peoples will be asked to provide feedback on interim Review results. A final report with recommendations will be completed in early 2020.

#### **DRAFTED BY:**

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#### **APPROVED BY:**

Les MacLaren, ADM, EAED✓  
May Mah-Paulson, ADM, OGD✓  
Dave Nikolejsin, DM, EMPR✓

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<sup>3</sup> “Firming and shaping” is the process of combining the output of a non-dispatchable, intermittent resource (like a wind or solar farm) with the output of a dispatchable, nonintermittent resource (like a large hydro facility) over time to create a flat, constant electricity supply profile for a consumer. Retail electricity providers do this by purchasing enough firming energy on a wholesale market in a given hour to “balance out” whatever energy is being produced by a renewable resource, thereby ensuring that their customer is receiving a flat supply of electricity.

## ADVICE TO MINISTER

### CONFIDENTIAL ISSUES NOTE

Ministry of Energy, Mines and Petroleum Resources

Date: September 9, 2019

Minister Responsible: Hon. Michelle Mungall

## UBCM Resolution: B33– BC Hydro Streetlight Inefficiency

**RESOLUTION or ISSUE SUMMARY:** BC Hydro owns and maintains 95,000 of about 350,000 streetlights across B.C. Many of these streetlights still use inefficient, high pressure sodium (HPS) technology despite energy and cost savings of 50-70% that could be realized with a conversion to LED technology.

Currently, BC Hydro street lighting rates are based on the cost of HPS lighting technology, and municipal governments are responsible for paying the operating costs of BC Hydro-owned streetlights.

Smithers has put forward a resolution calling for the provincial government to require BC Hydro to expeditiously replace all streetlights within B.C. municipalities with LED technology, or provide municipalities with the financial resources necessary to continue paying for inefficient streetlights.

### ADVICE AND RECOMMENDED RESPONSE:

- BC Hydro and government are committed to keeping rates affordable and improving BC Hydro services to customers.
- We recognize that converting streetlights to LED may improve affordability for municipalities through reduced energy and maintenance costs.
- Converting BC Hydro's older, high-pressure sodium street lights to LED has numerous benefits, including reducing energy usage, improving public lighting, and reducing maintenance costs.
- BC Hydro's street light replacement program is underway. BC Hydro expects to complete its procurement process for supplying and installing LED street lights later in 2019.
- Installation of LED street lights is expected to start in the summer of 2020 with the conversion taking place over the following three years.

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Program Area Contact:	Les MacLaren (ADM)	Office: 778 698-7183; 250 889-3479 (cell)



**B33 BC Hydro – Streetlight Inefficiency****Smithers**

Whereas BC Hydro owns a significant percentage of streetlights in BC municipalities, especially in smaller communities, and many of these streetlights still use inefficient incandescent technology despite demonstrated energy and cost savings of 50-70 per cent with conversion to LED technology;

And whereas local governments are responsible for paying for the ongoing operating cost of BC Hydro-owned street lighting using property tax revenue:

Therefore be it resolved that UBCM urge the provincial government to require BC Hydro to expeditiously replace all streetlights within BC municipalities with LED technology, or provide municipalities with the financial resources necessary to continue paying for the operation of its inefficient streetlights.

*Not presented to the North Central Local Government Association*

*UBCM Resolutions Committee recommendation:* **Endorse**

*UBCM Resolutions Committee comments:*

*The Resolutions Committee notes that the UBCM membership endorsed two resolutions addressing street lighting conversion to LED bulbs (2018-B30, 2014-B96). Both focused on the environmental benefits of a reduced carbon footprint with a conversion; whereas, this resolution focuses on the economic savings to the local government.*

Conference decision: \_\_\_\_\_

**RESPONSE: Ministry of Energy, Mines and Petroleum Resources**

- BC Hydro owns and maintains approximately 95,000 of about 350,000 streetlights across BC.
- BC Hydro's streetlight replacement program is underway. In the summer of 2019, BC Hydro started a process for selecting a supplier for LED streetlights and photocells. The vendor will be selected later in 2019. A separate procurement process is currently underway for the installation services.
- The details of new streetlighting rates will not be known until BC Hydro completes its procurement process and confirms the final LED streetlight costs to be included in an application to the British Columbia Utilities Commission (BCUC). The final LED streetlight rates will require BCUC approval; BC Hydro plans to file a rate design application in early 2020.
- BC Hydro is anticipating that the installation of LED streetlights will start in the summer of 2020, with the conversion taking place over the following three years.
- A deployment schedule will be developed once an installation vendor is selected. BC Hydro will provide a high-level schedule online and will contact and coordinate with customers months in advance of the work beginning in their communities.

## ADVICE TO MINISTER

### CONFIDENTIAL ISSUES NOTE

Ministry of Energy, Mines and Petroleum Resources

Date: Sept. 11, 2019

Minister Responsible: Hon. Michelle Mungall

## UBCM Resolution: B73 – BC Hydro Two-Tier Pricing Structure

**RESOLUTION or ISSUE SUMMARY:** BC Hydro customers living in parts of the province where natural gas is not available have repeatedly raised concerns around the perceived fairness of BC Hydro's two-tiered (Residential Inclining Block) rate structure.

Under the tiered rate structure customers are charged one rate for electricity up to a certain threshold in each billing period, and a higher rate for all electricity used beyond that threshold. This "tiered" rate is designed to encourage energy conservation.

People in northern communities without access to natural gas have to rely on electricity to heat their homes and water and reach second tier pricing significantly sooner each month than people in other geographical locations, especially in the winter.

The community of McBride has put forward a resolution calling for the provincial government to make changes to BC Hydro's rate structure for northern regions of the province to make it more equitable for all customers.

### ADVICE AND RECOMMENDED RESPONSE:

- Government and BC Hydro are committed to keeping electricity rates affordable for people.
- I understand that some people feel tiered rates are costly and unfair, particularly people living in areas where alternative fuels, like natural gas, are not readily available to meet their space and water heating needs.
- Phase 2 of our government's comprehensive review of BC Hydro is currently underway and will look at how best to support the needs of current and future BC Hydro customers.
- Changes to rate structures are made through public processes before the British Columbia Utilities Commission (BCUC), to ensure that all ratepayers' interests are considered. The next filing for rate structures with BCUC is scheduled for early 2020.
- BC Hydro offers a range of energy efficiency programs to help residential customers manage and reduce their electricity bills. These include rebates for home renovations to reduce electricity consumption, as well as a range of energy efficiency improvements offered at no cost to income-qualified residential customers.

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WHEREAS BC Hydro is utilizing a two-tier monthly pricing structure on their electrical utilities being consumed by their customers;

AND WHEREAS smaller Northern communities have limited affordable options for their heating needs, therefore relying heavily on electricity for heating;

AND WHEREAS this dependency results in Northern citizens reaching the second-tier pricing significantly sooner each month than other geographical locations creating inequitable heating costs for those who live in rural Northern communities;

THEREFORE BE IT RESOLVED that UBCM support lobbying the provincial government to make the necessary changes to BC Hydro to restructure their two-tier pricing model for Northern regions of the Province of BC and create an equitable pricing structure for all BC citizens.

### **RESPONSE: Ministry of Energy, Mines and Petroleum Resources**

Changes to rate structures, both for BC Hydro and FortisBC, are made through public processes before the British Columbia Utilities Commission (BCUC), the province's independent energy regulator, in order to ensure that all ratepayers' interests are considered.

A number of British Columbians feel that tiered rates can be unfair for households in parts of our province where alternative fuels are not readily available to meet their space and water heating needs.

In its decision on FortisBC's 2017 Rate Design Application, the BCUC did approve FortisBC's plan to phase out its tiered billing rate over five years. This was done with the support of most of FortisBC's customer groups and following significant input from the public, including anti-poverty organizations.

BC Hydro continues to evaluate the impact and effectiveness of its current Residential Inclining Block rate, and is examining alternative approaches to meeting evolving customer needs.

As part of the second phase of the Comprehensive Review of BC Hydro, government is also working with BC Hydro to look at options to ensure that rate structures do not discourage customers from using clean electricity rather than other energy sources.

In its next rate design application, BC Hydro will likely bring several of these alternatives forward to the BCUC. Communities and members of the public will be able to participate in this proceeding, as they did in the FortisBC proceeding.