

OOP FOI PREM:EX

From: Nash, Amber PREM:EX
Sent: August 28, 2019 9:42 AM
To: 'Campbell, Amanda'
Subject: RE: Details for tomorrow

Thanks for this Amanda.

Contacts for labour guest invites:

David Black, President MoveUP
Contact:
Karen Caston, Executive Assistant to the President
w: 604.299.0378
Email: kcaston@moveuptogether.ca

Laird Cronk, President BC Federation of Labour
Contact:
Sylvia Brow, Executive Assistant to the President
W: 604.430.1421 ext. 229
Email: sbrow@bcfed.ca

Doug McKay, President IBEW Local 258
Contact:
Cell: 604-209-4067
Email: dmckay@ibew258.bc.ca

Amber

-----Original Message-----

From: Campbell, Amanda <Amanda.Campbell@pmo-cpm.gc.ca>
Sent: August 28, 2019 9:23 AM
To: Nash, Amber PREM:EX <Amber.Nash@gov.bc.ca>
Subject: Re: Details for tomorrow

Amber apologies, I had the speaking order wrong.

It will be :

Minister Wilkinson to introduce
Premier Horgan
Prime Minister
Media Avail

I think we are hoping for a quote from your Premier, which I believe is with Sage, for the News Release.

Prior to the reception with the BCBC and labour guests, the Pm and Premier will have some time together to speak more privately.

Please call me at any point today before 3 if you have questions!

Sent from my iPhone

On Aug 28, 2019, at 9:45 AM, Campbell, Amanda <Amanda.Campbell@pmo-cpm.gc.ca<mailto:Amanda.Campbell@pmo-cpm.gc.ca>> wrote:

Hi Amber!

S.22 Below are the details for the announcement tomorrow. If you are able to share the contact details for the several guests that Geoff has recommended attend, I may convey these today. We are not anticipating a large group for the reception area prior to the signing, 20 or so. We will have staff on site to check names at the door. Late I believe is in touch with your advance team also! I fly at 2:50PM PT today and land at just after 8PM PT if you want to speak today.

Announcement Details:

Time: Guests are asked to arrive by 11AM<x-apple-data-detectors://3>, the announcement will take place at 11:30 AM<x-apple-data-detectors://4>.

Location: the BC Hydro Trades Training Centre, 12591 82 Avenue Surrey BC.<x-apple-data-detectors://5> Guests will be received at the main entrance by staff.

Attire: Business, indoors and outdoors

Program: Guests will arrive by 11AM<x-apple-data-detectors://6> and be shown to a reception area. Shortly after, the Prime Minister and Premier will arrive for an intimate meet and greet with guests. The MOU will be signed in the reception area and then guests will be escorted outdoors to the announcement area in the training centre yard to be seated. The Prime Minister and Premier will announce the MOU with remarks and take questions from the media, beginning at 11:30AM<x-apple-data-detectors://7>.

Sent from my iPhone

Cameron, Tara D IGRS:EX

From: Fox, Christiane <Christiane.Fox@pco-bcp.gc.ca>
Sent: August 27, 2019 5:49 PM
To: Plecas, Bobbi IGRS:EX
Cc: Wright, Don J. PREM:EX; Nikolejsin, Dave EMPR:EX
Subject: RE: Electrification MOU

Thank you for this Bobbi. I will review it and get back to you with any questions or concerns. I appreciate the quick turn-around on this.

Chris

From: Plecas, Bobbi IGRS:EX <Bobbi.Plecas@gov.bc.ca>
Sent: Tuesday, August 27, 2019 8:13 PM
To: Fox, Christiane <Christiane.Fox@pco-bcp.gc.ca>
Cc: Wright, Don J. PREM:EX <Don.J.Wright@gov.bc.ca>; Nikolejsin, Dave EMPR:EX <Dave.Nikolejsin@gov.bc.ca>
Subject: Electrification MOU

Chris

Attached is the tweaked electrification MOU.

s.13; s.16

The remaining changes really are tweaks. Given timing – I'm happy to chat to you about this anytime.

Best
Bobbi

Bobbi Plecas

Deputy Minister, Intergovernmental Relations Secretariat
Office of the Premier
2nd floor, 620 Superior Street
Victoria BC
(w) 250 356-8794 (c) 250 507-4251
bobbi.plecas@gov.bc.ca

Cameron, Tara D IGRS:EX

From: Aaron, Sage PREM:EX
Sent: August 28, 2019 12:01 PM
To: Plecas, Bobbi IGRS:EX
Subject: FW: Updated Itin for tomorrow

FYI only

From: Nash, Amber PREM:EX
Sent: August 28, 2019 11:56 AM
To: Meggs, Geoff PREM:EX <Geoff.Meggs@gov.bc.ca>; Aaron, Sage PREM:EX <Sage.Aaron@gov.bc.ca>
Subject: Updated Itin for tomorrow

New run of Show from Feds – couple notes:

the MOU will be signed by Ministers from each side in the morning. PM and PJH not signing it just mentioning it.

Also noting that all Federal BC Caucus Members will be attending. We will let the Surrey MLAS know this event is happening. I can request they be included in too if we would like.

****The meeting with the PM and Premier looks to only be about 10 or so minutes just before the Podium event starts.**

Attire: Business attire- jacket, no tie
Confirmed No PPE required

Attendees: OPEN TO MEDIA

- approx 20 BC Hydro crew and 10-15 members of BCBC
- federal BC caucus members

Setup:

- Podium with microphone
- Podium sign
- no Call in line
- Backdrop is bc hydro trucks and equipment
- Workers in the backdrop in equipment

Green Room: PREMIER - classroom 8
PM - classroom 7

AGENDA

11:00- Premier arrives, met by Joleen and led to green room

11:15 - PM arrives, greets Premier
11:20 - PM and Premier enter lunchroom to mingle with BCBC members
11:30 - BCBC members and caucus proceed to event space
11:30- PM and Premier have private meeting in Classroom 8
11:43 - PM and Premier join Minister Wilkinson
11:45- Premier, PM and Minister Wilkinson walk to podium together
11:46- event starts. Minister Wilkinson welcomes everyone, introduces premier
11:49 - Premier speaks and introduces PM
11:54 - PM speaks
11:58 - Q&A with media (PM and PJH)
12:15 - PM and Premier thanks BC hydro crew
12:25 - PM and Premier exit back to building. Event concludes
12:30 - Premier departs

Cameron, Tara D IGRS:EX

From: Fox, Christiane <Christiane.Fox@pco-bcp.gc.ca>
Sent: August 28, 2019 12:28 PM
To: Plecas, Bobbi IGRS:EX
Cc: Wright, Don J. PREM:EX; Nikolejsin, Dave EMPR:EX; Ferguson, Eric
Subject: RE: Electrification MOU
Attachments: Protocole d'entente - Canada-Colombie-Britannique - électrification du secteur du gaz naturel - version finale.docx; MOU - Canada-British Columbia - Natural gas electrification - final version.docx

Hi everyone,

Bobbi, as discussed, here is the final MOU in E and F, and thanks again for all your support in getting this to the final stage for the event/annct tomorrow. We have asked that Minister Sohi sign the MOU asap and we will send that version to you for your Minister's signature as well.

Please do not hesitate to contact me if you have any questions or concerns.

Chris

From: Fox, Christiane
Sent: Wednesday, August 28, 2019 11:08 AM
To: 'Plecas, Bobbi IGRS:EX' <Bobbi.Plecas@gov.bc.ca>
Cc: Wright, Don J. PREM:EX <Don.J.Wright@gov.bc.ca>; Nikolejsin, Dave EMPR:EX <Dave.Nikolejsin@gov.bc.ca>; Ferguson, Eric <Eric.Ferguson@pco-bcp.gc.ca>
Subject: RE: Electrification MOU

Hi Bobbi,

Thanks again for sending the revised MOU. Here are our comments:

s.13; s.16

Are you comfortable with this version?

Please advise and thank you! Chris

From: Plecas, Bobbi IGRS:EX <Bobbi.Plecas@gov.bc.ca>
Sent: Tuesday, August 27, 2019 8:13 PM
To: Fox, Christiane <Christiane.Fox@pco-bcp.gc.ca>
Cc: Wright, Don J. PREM:EX <Don.J.Wright@gov.bc.ca>; Nikolejsin, Dave EMPR:EX <Dave.Nikolejsin@gov.bc.ca>
Subject: Electrification MOU

Chris

Attached is the tweaked electrification MOU.

s.13; s.16

The remaining changes really are tweaks. Given timing – I'm happy to chat to you about this anytime.

Best

Bobbi

Bobbi Plecas

Deputy Minister, Intergovernmental Relations Secretariat

Office of the Premier

2nd floor, 620 Superior Street

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(w) 250 356-8794 (c) 250 507-4251

bobbi.plecas@gov.bc.ca

MEMORANDUM OF UNDERSTANDING BETWEEN
THE GOVERNMENT OF CANADA
AND
THE GOVERNMENT OF BRITISH COLUMBIA
ON THE ELECTRIFICATION OF THE NATURAL GAS SECTOR

WHEREAS:

- In 2016, the governments of Canada and British Columbia (hereinafter “the participants”) released the Pan-Canadian Framework on Clean Growth and Climate Change, which outlined potential areas of collaboration between the Government of Canada and the provinces, including bringing British Columbia’s clean energy to the natural gas sector;
- The governments of Canada and British Columbia have mutual interests in reducing greenhouse gas emissions and growing the economy;
- The Government of British Columbia, in December 2018, released CleanBC, its new provincial economic development, energy, and climate strategy, which prioritized electrification, including electrification of the natural gas sector as a means of meeting its climate change commitments;
- Electrification of upstream gas and liquefied natural gas were jointly studied by the governments of British Columbia and Canada in the Regional Electricity Cooperation and Strategic Infrastructure Initiative and were found to be among the most cost-effective electricity infrastructure projects identified in western Canada;
- British Columbia has already been making investments in its grid to enable electrification of the natural gas industry, and as part of this, in April 2019, the Government Canada announced that it is providing up to \$83.6 million towards the Peace Region Electricity Supply project through the Investing in Canada Plan, with BC Hydro providing the remaining \$205.4 million;
- The governments of British Columbia and Canada have a shared interest in electrifying natural gas production and liquefied natural gas production to build Canada’s clean energy brand as a supplier of the world’s cleanest natural gas; and
- The governments of British Columbia and Canada recognize that reliable and affordable access to electricity for natural gas proponents is a key factor in achieving climate change goals.

THEREFORE, the participants have mutually decided the following:

Purpose

1. The purpose of this Memorandum of Understanding is to demonstrate the commitment of the Government of British Columbia and the Government of Canada to support the electrification of the natural gas sector in British Columbia.

Joint actions

2. The participants agree on the importance of supporting the electrification of the natural gas sector in British Columbia.
3. A Canada-British Columbia Clean Power Planning Committee, with senior representation from both jurisdictions, including BC Hydro will:
 - a. Advance natural gas and liquified natural gas electrification, including:
 - i. CleanBC Facilities Electrification Fund;
 - ii. Bear Mountain to Dawson Creek Voltage Conversion project;
 - iii. North Montney Power Supply project; and
 - iv. Other natural gas electrification opportunities identified by the participants
 - b. Explore other electrification and transmission expansion opportunities, as determined by the Committee;
 - c. Improve cross-government coordination to connect existing and new funding sources to priorities, especially with respect to federal infrastructure funding; and
 - d. Develop and consider new and/or alternative financing models that can advance priority transmission projects, which may include Indigenous or other private sector ownership and participation by the Canada Infrastructure Bank.
4. The participants will jointly decide on overall resource levels to be devoted to the initiatives set out in this Memorandum. The participants are currently examining \$680 million in near-term electrification projects for joint funding, subject to necessary financial approvals by each participant.
5. The participants will each work to support the projects identified in this Memorandum within five years and any other projects jointly approved.

Engagement and collaboration with Indigenous peoples

6. The participants will engage with Indigenous groups to help ensure that Indigenous views are appropriately reflected in the initiative undertaken through this Memorandum.

Modification and discontinuance

7. This Memorandum may be modified by mutual decision of the participants in writing at any time.
8. Either participant may discontinue their participation in this Memorandum by giving the other participant notice in writing.

Coordination and implementation

9. The Government of Canada's Deputy Minister of Natural Resources and the Government of British Columbia's Deputy Minister of Energy, Mines and Petroleum Resources, with the support, as required, of the Government of Canada's Deputy Minister of Intergovernmental Affairs and Youth and the Government of British Columbia's Deputy Minister of Intergovernmental Relations Secretariat, Office of the Premier, will be responsible for leading the coordination and implementation of the commitments of the participants set out in this Memorandum.
10. The participants will resolve any dispute or difference between them arising from this Memorandum through consultation.
11. This Memorandum does not create any enforceable legal or equitable rights, or obligations, but acknowledges the intent of the participants to pursue mutually beneficial initiatives and activities.
12. This MOU takes effect upon signature by the parties. This MOU shall be in effect for a period of five years.
13. This MOU may be amended by mutual written agreement by the parties.

Signed in duplicate at [place], on [date] , in English and French, with each version being equally valid.

The Honourable Amarjeet Sohi
Minister of Natural Resources
Government of Canada

The Honourable Michelle Mungall
Minister of Energy, Mines and Petroleum
Resources
Government of British Columbia

**PROTOCOLE D'ENTENTE ENTRE
LE GOUVERNEMENT DU CANADA**

ET

**LE GOUVERNEMENT DE LA COLOMBIE-BRITANNIQUE
SUR L'ÉLECTRIFICATION DU SECTEUR DU GAZ NATUREL**

ATTENDU QUE :

- En 2016, les gouvernements du Canada et de la Colombie-Britannique (ci-après désignés les « participants ») ont rendu public le Cadre pancanadien sur la croissance propre et les changements climatiques, lequel définit les domaines de collaboration potentielle entre le Canada et les provinces, y compris l'apport de l'énergie propre de la Colombie-Britannique au secteur du gaz naturel ;
- Les gouvernements du Canada et de la Colombie-Britannique ont des intérêts communs envers la réduction des émissions de gaz à effet de serre et la croissance de l'économie ;
- En décembre 2018, le gouvernement de la Colombie-Britannique a publié son plan CleanBC; cette nouvelle stratégie provinciale en matière de développement, d'énergie et de climat traite en priorité de l'électrification, notamment de l'électrification du secteur du gaz naturel, comme moyen lui permettant de respecter ses engagements au chapitre des changements climatiques ;
- Les projets d'électrification du gaz naturel et du gaz liquéfié en amont, une mesure conjointement examinée par les gouvernements de la Colombie-Britannique et du Canada dans le cadre de l'Initiative de collaboration régionale et d'infrastructure stratégique de l'électricité, se sont révélés faire partie des projets d'infrastructure électrique les plus rentables pour l'Ouest canadien ;
- La Colombie-Britannique a déjà réalisé des investissements dans son réseau en vue de permettre l'électrification du secteur du gaz naturel; dans la foulée, en avril 2019, le gouvernement du Canada a annoncé qu'il allait contribuer jusqu'à concurrence de 83,6 millions de dollars au projet Peace Region Electricity Supply dans le cadre du plan Investir dans le Canada, le reste, soit 205,4 millions de dollars, étant fourni par BC Hydro ;
- Les gouvernements de la Colombie-Britannique et du Canada ont un intérêt commun dans l'électrification de la production de gaz naturel et de gaz naturel liquéfié, qui contribuera à établir la marque d'énergie propre du Canada et à faire de notre pays le fournisseur du gaz naturel le plus propre au monde ; et,
- Les gouvernements de la Colombie-Britannique et du Canada reconnaissent que l'accès fiable et abordable des promoteurs du gaz naturel à l'électricité est un élément clé pour atteindre les objectifs sur les changements climatiques.

PAR CONSÉQUENT, les participants ont mutuellement convenu de ce qui suit :

Objectif

1. Le présent protocole d'entente a pour objectif de démontrer l'engagement des gouvernements de la Colombie-Britannique et du Canada à appuyer l'électrification du secteur du gaz naturel en Colombie-Britannique.

Actions conjointes

2. Les participants s'entendent sur l'importance de soutenir l'électrification du secteur du gaz naturel en Colombie-Britannique.
3. Un Comité de planification de l'énergie propre Canada–Colombie-Britannique, composé de hauts représentants des deux administrations, notamment de BC Hydro, assumera les responsabilités suivantes :
 - a. Permettre des avancées en lien avec l'électrification du gaz naturel et du gaz naturel liquéfié, dans le cadre notamment des projets suivants :
 - i. Fonds d'électrification des installations de CleanBC ;
 - ii. Projet de conversion de tension entre Bear Mountain et Dawson Creek ;
 - iii. Projet d'approvisionnement en électricité de North Montney ;
 - iv. Autres occasions d'électrification du gaz naturel identifiées par les participants.
 - b. Examiner d'autres occasions d'expansion en matière d'électrification et de transmission, telles que déterminées par le Comité;
 - c. Améliorer la coordination intergouvernementale afin de mieux lier les sources de financement existantes et nouvelles aux priorités, particulièrement en ce qui concerne le financement fédéral dans le domaine de l'infrastructure; et,
 - d. Élaborer et envisager des modèles de financement nouveaux ou non conventionnels susceptibles de faire progresser les projets de transmission prioritaires; ces modèles pourraient comprendre la propriété et la participation des autochtones ou d'autres intervenants du secteur privé par le biais de la Banque d'infrastructure du Canada.
4. Les participants décideront d'un commun accord des niveaux globaux de ressources à consacrer aux initiatives énoncées dans le présent protocole. À l'heure actuelle, les participants examinent un financement conjoint de 680 millions de dollars pour des projets d'électrification à court terme, sous réserve des approbations financières nécessaires obtenues par chaque participant.

5. Les participants travailleront, d'ici cinq ans, à appuyer les projets mentionnés dans le présent protocole ainsi que tout autre projet approuvé conjointement.

Engagement et collaboration avec les peuples autochtones

6. Les participants collaboreront avec les peuples autochtones afin de s'assurer que les initiatives entreprises dans le cadre du présent protocole prennent dûment en compte les points de vue des groupes autochtones.

Modification et désistement

7. Le présent protocole peut être modifié en tout temps à la suite d'une décision commune écrite des participants.
8. Chaque participant peut mettre fin à sa participation au présent protocole en donnant à l'autre un préavis écrit.

Coordination et mise en œuvre

9. La sous-ministre des Ressources naturelles du gouvernement du Canada et le sous-ministre de l'Énergie, des Mines, et des Ressources pétrolières du gouvernement de la Colombie-Britannique, avec le soutien, si nécessaire, de la sous-ministre des Affaires intergouvernementales et de la Jeunesse du gouvernement du Canada et la sous-ministre du Secrétariat des relations intergouvernementales, Bureau du premier ministre, de la Colombie-Britannique, seront responsables de diriger la coordination et la mise en œuvre des engagements des participants énoncés dans le présent protocole;
10. Les participants régleront entre eux tout litige ou différend découlant du présent protocole d'entente au moyen de consultations.
11. Le présent protocole d'entente ne crée pas de droits légaux ou équitables exécutoires, ni d'obligations; il constitue une reconnaissance des intentions des participants de poursuivre des initiatives et des activités mutuellement intéressantes.
12. Ce protocole d'entente entre en vigueur au moment de la signature des parties. Le protocole d'entente demeure en vigueur pour une période de cinq ans.
13. Ce protocole d'entente peut être modifié par un accord écrit entre les participants.

Signé en double exemplaire à [lieu] , le [date] , en français et en anglais,
chaque version étant également valide.

L'honorable Amarjeet Sohi
Ministre des Ressources naturelles
Gouvernement du Canada

L'honorable Michelle Mungall
Ministre de l'Énergie, des Mines, et des
Ressources pétrolières
Gouvernement de la Colombie-
Britannique

Date:
CLIFF:

MINISTRY OF ENERGY, MINES AND PETROLEUM RESOURCES

BRIEFING NOTE FOR INFORMATION

PREPARED FOR: Bobbi Plecas, Deputy Minister, Intergovernmental Relations Secretariat

ISSUE: Memorandum of Understanding on Electrification of the Natural Gas Sector

BACKGROUND:

Electrification of the natural gas sector will allow the growth of BC's natural resource sector and reduce emissions. With significant hydro-electric resources, electricity transmission infrastructure is key to bringing clean electricity to the natural gas sector, helping in BC's efforts to reduce emissions and meeting its long-term climate goals.

The electrification of new gas plants faces economic hurdles related to the availability of electricity infrastructure in the Montney Basin region. The projects identified in the MOU will address this by lowering the cost of interconnection to the transmission system.

Federal interest in BC's electrification projects began several years ago through the NRCAN funded Regional Electricity Cooperation and Strategic Infrastructure (RECSI) initiative. The purpose of RECSI was to evaluate the most promising electricity infrastructure projects in the Western provinces that could cost-effectively reduce or avoid emissions and provide evidentiary support for Investing in Canada Plan (ICIP) Green Stream funding requests.

Projects submitted by BC to RECSI included infrastructure to electrify LNG/upstream natural gas processing and increasing electricity transmission between BC and Alberta. Modelling showed that electrification of the natural gas and LNG sector led to the most avoided emissions at the lowest cost compared to any of the projects submitted by the provinces.

ICIP funds were distributed to BC under an Integrated Bilateral Agreement (IBA). BC received \$903 million for Green Infrastructure projects. Of that, \$265 M was set aside for an Electricity Program consisting of BC Hydro capital projects that reduce or avoid emissions. EMPR applied for and received \$84M in funding for the Peace Region Electricity Supply (PRES) project (an electricity transmission project in the Montney). That project, when fully subscribed, was estimated in the RECSI study to result in 2.6 megatonnes (MT) of avoided emissions.

DISCUSSION:

In addition to PRES, BC and BC Hydro have identified four transmission infrastructure projects that would support significant electrification of natural gas production and industrial facilities in the North. In the table below, the two projects—the Bear Mountain-Dawson Creek Voltage Conversion Project and the North Montney Power Supply project—are the subject of the MOU.

Table 1: MOU Projects

Project Name	Estimated Cost (\$ M)	Funding Source	Project Description	Estimated In-Service Date	Potential Customers	Estimate of Avoided GHGs (MT/y)
Bear Mountain – Dawson Creek Voltage Conversion Project	s.12; s.17	MOU	Facilitates additional connections to the Peace Region Electricity Supply Project	s.12; s.17		0.7
North Montney Power Supply Project		MOU	Creates electricity infrastructure in the remote North Montney area.			0.9
CleanBC Facilities Electrification Program		s.12; s.16; s.17	Reduces capital cost associated with connecting processing facilities that are far from existing transmission infrastructure			0.66
Prince George to Terrace Capacitors Project		IBA	Supports electrification of industrial projects (including LNG) in the North Coast area.			2.1

s.12; s.16; s.17

s.12; s.16; s.17

PGTC will create additional transmission capacity to the North Coast and will allow future industrial facilities to electrify their operations. The RECSI study estimated that PGTC could avoid up to 2.1 MT of emissions.

s.12; s.16; s.17

s.12; s.16; s.17

None of the aforementioned projects have been included in the CleanBC plan.

CONCLUSION:

The MOU lays a foundation for a commitment from the Government of Canada to support electrification of the natural gas sector for the Bear Mountain-Dawson Creek Voltage Conversion project and the North Montney Power Supply project. The CleanBC Facilities

Electrification Program and the PGTC project are already included in the existing IBA between BC and Canada.

DRAFTED BY:
Amy Sopinka, TIB

APPROVED BY:
Paul Wieringa, ED, EPB

Page 16 of 46 to/à Page 17 of 46

Withheld pursuant to/removed as

s.13

SPEAKING NOTES *DRAFT*

Joint Federal Announcement - Electrification MOU

LOCATION TBC

August 29, 2019

Headline

Federal and Provincial government working together to bring clean energy to B.C.'s natural gas sector

Quote

"Our government is working collaboratively to electrify industries as we put B.C. on a path to a cleaner, better future. With this MoU, we are taking an important step forward to build a more sustainable economy and protect our environment, while creating opportunities for people."

Special Mentions

- Prime Minister Justin Trudeau
- BC Hydro

Format

- 3 minute remarks at podium

Sequence

Speaking notes begin on the next page

INTRODUCTION

First, I would like to acknowledge that we are on the territory of the Coast Salish people.

It's great to be here today.

Thank you to Prime Minister Trudeau.

Thank you to BC Hydro for hosting this event.

I'm glad to be here to announce this joint electrification initiative with the federal government.

This is important for B.C.'s economy, for B.C. businesses, for people, and for our future.

We've been clear that to reduce our emissions we need to electrify our economy – in every sector.

We're happy to be working with the federal government to expand options for electrification of the upstream natural gas sector.

With this MoU, we are taking an important step forward to build a more sustainable economy.

It will help us meet our long-term climate goals and protect our environment, while creating opportunities for people.

BC is fortunate to have significant hydro-electric resources, but we can't do this alone.

We need to work collaboratively to put B.C. on a path to a cleaner, better future.

By working with the Government of Canada, we will make sure we have the infrastructure we need to power our future with clean energy.

I'm grateful to have a partner in the federal government to help us achieve these goals.

Thank you again.

Joint Federal Announcement – Electrification MOU – August 29, 2019

Key Messages:

- I'm pleased to be working closely with the federal government to bring clean energy to BC's natural gas sector.
- The MOU we've signed is good for our economy and our environment.
- Our government is committed to putting BC on a path that powers our future with clean energy.
- We've been clear that our focus is on clean growth and reducing emissions. In order to reduce and avoid emissions, we need to electrify our natural gas sector.
- BC is fortunate to have significant hydro-electric resources and we are pleased to work with the federal government to provide additional infrastructure for electrification of the natural gas sector.
- Bringing clean electricity to the natural gas sector is a shared priority of our governments.
- And it will help in our efforts to reduce emissions and meet our long-term climate goals.

QA:

What is this MOU?

- The Government of Canada and the Government of British Columbia have agreed to jointly support the electrification of the natural gas sector in BC to reduce GHG emissions.
- Specifically, a Canada-British Columbia Clean Power Planning Committee with representation from both governments and BC Hydro will develop and consider financing models for potential projects that can advance natural gas electrification.
- The participants will also engage with Indigenous Nations to help ensure Indigenous views are reflected in this initiative.
- The MOU builds on the 2016 Pan Canadian Framework on Clean Growth and Climate Change in which the governments of Canada and British Columbia outlined potential areas of collaboration including co-funding of new transmission lines and other infrastructure in B.C.

What are the projects you'll be looking at?

- The electrification projects include, but are not limited to:
 - Bear Mountain to Dawson Creek Voltage Conversion Project: Would convert the existing 138 kilovolt lines between Bear Mountain and Dawson Creek substations to 230 kilovolt and add transformers at the Dawson Creek substation, thereby increasing the transmission capacity in the Dawson Creek area and allowing BC Hydro to serve additional customers from the natural gas sector. (Preliminary cost estimate: approx. ^{s.12; s.17})
 - North Montney Power Supply Project: Would construct a new transmission line between either the G.M. Shrum Generating Station or the future South-Bank Generating Station as well as a new substation in the vicinity of Pink Mountain, thereby enabling the electrification of upstream gas producers active in the North Montney natural gas field – one of the primary sources for LNG Canada and other proposed LNG facilities. (Preliminary cost estimate: approx. ^{s.12; s.17})
- Under the MOU, our governments have also agreed to work together on exploring other electrification and transmission expansion opportunities in the Northwest that would have economic, social and environmental benefits.

What volume of emissions reduction is anticipated as a result of this initiative?

- Today's MOU marks an agreement between the Government of BC and the Government of Canada to work together on opportunities for electrification.
- There are significant opportunities - the natural gas sector accounts for 10.2 million tonnes of the province's 64 million tonnes of GHG emissions.
- Early estimates suggest that the two specific projects in this MOU could avoid 1.6 million tonnes of GHG emissions.
- The final volume of reductions will depend on the outcome of our work together - and with the private sector - to achieve a shift from gas fired turbines to electrification.

Doesn't this make it harder for you to meet your emission targets?

- Not at all - last year we launched Clean BC, our comprehensive climate plan, and it's through that lens that our government looks at all decisions.
- Also, we set and are committed to new targets for GHG emissions and we plan to achieve our goal of reducing emissions by 40% by 2030, 60% by 2040 and 80% by 2050.
- The MOU will help the natural gas sector and other industrial sectors to electrify their operations. In turn, this will help us reduce emissions and meet our long-term climate goals.

What impact will this have on BC Hydro ratepayers?

- We are committed to keeping Hydro rates affordable for people. In fact, just last week BC Hydro applied for a rate reduction for the first time in decades.
- Electrifying upstream natural gas operations will reduce emissions from the sector while connecting new industrial customers to BC Hydro.
- Ultimately this will reduce upwards pressure on rates for BC Hydro's customers.

Is this why you built Site C?

- Our government was clear that Site C isn't a project we would have started.
- We decided that we couldn't ask people to take on \$4 billion in debt with nothing to show for it.
- That said, Site C will provide a significant source of renewable, clean electricity. We have an opportunity to use that electricity to reduce our emissions.
- The decision to continue with Site C was not based on any assumptions about natural gas or LNG.

How much of B.C.'s overall GHG emissions come from the natural gas sector?

- Natural gas production accounts for 10.2 million tonnes of the province's 64 million tonnes of GHG emissions.

Does this mean your government is planning to build more LNG facilities - is there room in CleanBC for that?

- Our government has been clear that any LNG development must meet our four conditions and that includes fitting within our climate targets.
- Last year, we launched CleanBC, our comprehensive climate plan, that includes a robust accountability framework to make sure we stay on track.

How can you be confident that the industry will actually electrify their operations?

- We have already seen some companies invest in electrification of upstream natural gas production. We want to expand these opportunities.
- BC is uniquely positioned as a destination and supplier for industry looking to drive low-carbon economic growth and opportunities.
- We want to make sure businesses can seize these opportunities and support good jobs.
- That's why our government and the BC Business Council signed an MOU last fall so we can work together on building a low carbon economy.
- We will keep working with our federal colleagues and industry to make sure our natural gas sector is powered with clean energy.

What are the barriers for natural gas producers to use electricity to power their operations rather than self-generating and using gas?

- The main challenges producers face in considering whether or not to electrify their operations are:
 - Transmission Infrastructure: Concern that it can take several years before producers are connected to the grid.
 - The Cost of Electricity: Natural gas prices have dropped to historic lows while electricity prices have increased, widening the economic gap when choosing between gas and electricity to power operations. The significant capital cost of interconnection for producers is also an economic factor.

What is government doing to address these barriers?

- Our MOU with the Government of Canada will advance the timely development of a number of infrastructure projects that will enable the electrification of the natural gas sector.
- In terms of reducing the gap between the cost of electricity and the cost of natural gas, our government has eliminated the provincial sales tax on electricity for industrial customers.
- Thanks to measures resulting from government's comprehensive review of BC Hydro, forecast rate increases will be below the rate of inflation for the next five years. As electricity rates continue to decline over time in real terms, over time the advantage of electrification increases.
- And, the proposed CleanBC Facility Electrification Program that will be advanced under the MOU would also reduce the costs of electrification for natural gas producers.

Are the infrastructure projects shovel-ready?

- Recognizing that electricity demand in the north, particularly the northeast, has been increasing, BC Hydro has been planning these projects for several years.
- BC Hydro is currently reaching out to Indigenous Nations and local governments to share information about the projects and is prepared to complete design work and start construction pending further consultation and environmental approvals, and funding decisions.

You're looking at an investment of about \$500 million for these electrification projects. Where's the money going to come from?

- Under the MOU, the governments of Canada and B.C. will provide joint funding for the projects which will be subject to necessary financial approvals by each participant.

Is this just a subsidy for industry?

- No. BC Hydro is responsible for the costs of expanding the electricity grid to meet customer demand. Federal funding will reduce the cost of transmission projects and benefit all BC Hydro ratepayers.

Even with transmission lines, there is no guarantee that natural gas producers will electrify? Is there not a risk that the government is building transmission lines to nowhere?

- BC Hydro is currently working with a number of potential customers for the projects under consideration as part of the MOU.
- BC Hydro has seen growing interest from the upstream sector with respect to electrification. Over the last 18 months, BC Hydro has received 630 MW of new customer inquiries from upstream natural gas operators. Of that amount, 95 MW of new load has been connected to BC Hydro's clean electricity grid, 315 MW is in the transmission interconnection queue (customers that have made financial commitment) and 220 MW of inquiries from the natural gas sector that is not formally in the queue.
- The total upstream load interested in connecting to the BC Hydro grid increased over this past year.

Does BC Hydro have enough capacity to supply the power that's needed to support electrification of the natural gas sector?

- B.C. is fortunate to have significant hydro-electric resources giving us capacity to power electrification throughout our economy and our homes.
- BC Hydro forecasts it should have enough capacity in existing and planned projects to meet electrification demands through 2030.
- In fact, increased demand from the electrification of the natural gas sector would mean BC Hydro is able to sell more of its power and actually reduce pressure on rates.
- In the long term, we will need to look at additional conservation measures and new clean energy resources to supply the electricity we need to build a low-carbon economy and meet our climate targets.

Will you be seeking consent from Indigenous Nations to proceed with these electrification projects?

- Under the terms of the MOU, the governments of Canada and British Columbia, and BC Hydro will engage with Indigenous Nations to help ensure that Indigenous views are appropriately reflected in the initiatives undertaken.
- As we continue to move forward with reconciliation, our government and BC Hydro are working collaboratively with Indigenous Nations to seek solutions to address their concerns about infrastructure projects.
- We are committed to reconciliation and adopting the UN Declaration on the Rights of Indigenous Peoples, and our government will continue to work in partnership with Indigenous peoples to make progress on this important work.

What are the jobs and economic benefits associated with these projects?

- These are major, multi-million-dollar infrastructure projects that will generate significant employment, training and business opportunities, including opportunities for Indigenous people.
- For example, about 100 jobs were created during construction of the new, \$296 million Dawson Creek to Chetwynd Area transmission line that was completed in 2016, and First Nations, local and B.C.-based companies contributed to the project in the areas of site clearing, substation work, foundation installations and line stringing.
- The PRES project is currently in construction providing First Nations, local and B.C.-based companies with employment opportunities in right-of-way and access road clearing.

Will this help close the 25% gap in CleanBC? Or simply avoid emissions from new gas development?

- The proposed transmission infrastructure projects are an important part of the CleanBC plan, and once constructed, will avoid emissions from the natural gas sector.
- In the future, these projects will avoid emissions as older facilities that use natural gas for self supply are retired, the newer facilities will be connected to the BC Hydro grid.

How does this MOU on electrification of the natural gas sector fit into the CleanBC plan?

- CleanBC aims to make B.C. industries the cleanest in the world by using clean energy to power our industrial economy, and the MOU on the electrification of the natural gas sector will help us to achieve this goal.
- The electrification projects being advanced offer the opportunity to avoid a significant amount of GHG emissions when natural gas producers choose to run their operations with electricity from the grid rather than with gas-fired turbines.
- With CleanBC, British Columbia is on the path to a cleaner, better future – with a low-carbon economy that creates opportunities for all while protecting our clean air, land and water.

Cameron, Tara D IGRS:EX

From: Fox, Christiane <Christiane.Fox@pco-bcp.gc.ca>
Sent: August 29, 2019 10:03 AM
To: Plecas, Bobbi IGRS:EX
Cc: Ferguson, Eric; Roumeliotis, Eugenia
Subject: Fw: MOU for signature
Attachments: MOU Electrification August 2019.pdf

Here is the signed agreement!
Chris

Sent from my BlackBerry 10 smartphone on the Bell network.

MEMORANDUM OF UNDERSTANDING BETWEEN
THE GOVERNMENT OF CANADA
AND
THE GOVERNMENT OF BRITISH COLUMBIA
ON THE ELECTRIFICATION OF THE NATURAL GAS SECTOR

WHEREAS:

- In 2016, the governments of Canada and British Columbia (hereinafter “the participants”) released the Pan-Canadian Framework on Clean Growth and Climate Change, which outlined potential areas of collaboration between the Government of Canada and the provinces, including bringing British Columbia’s clean energy to the natural gas sector;
- The governments of Canada and British Columbia have mutual interests in reducing greenhouse gas emissions and growing the economy;
- The Government of British Columbia, in December 2018, released CleanBC, its new provincial economic development, energy, and climate strategy, which prioritized electrification, including electrification of the natural gas sector as a means of meeting its climate change commitments;
- Electrification of upstream gas and liquefied natural gas were jointly studied by the governments of British Columbia and Canada in the Regional Electricity Cooperation and Strategic Infrastructure Initiative and were found to be among the most cost-effective electricity infrastructure projects identified in western Canada;
- British Columbia has already been making investments in its grid to enable electrification of the natural gas industry, and as part of this, in April 2019, the Government Canada announced that it is providing up to \$83.6 million towards the Peace Region Electricity Supply project through the Investing in Canada Plan, with BC Hydro providing the remaining \$205.4 million;
- The governments of British Columbia and Canada have a shared interest in electrifying natural gas production and liquefied natural gas production to build Canada’s clean energy brand as a supplier of the world’s cleanest natural gas; and
- The governments of British Columbia and Canada recognize that reliable and affordable access to electricity for natural gas proponents is a key factor in achieving climate change goals.

THEREFORE, the participants have mutually decided the following:

Purpose

1. The purpose of this Memorandum of Understanding is to demonstrate the commitment of the Government of British Columbia and the Government of Canada to support the electrification of the natural gas sector in British Columbia.

Joint actions

2. The participants agree on the importance of supporting the electrification of the natural gas sector in British Columbia.
3. A Canada-British Columbia Clean Power Planning Committee, with senior representation from both jurisdictions, including BC Hydro will:
 - a. Advance natural gas and liquified natural gas electrification, including:
 - i. CleanBC Facilities Electrification Fund;
 - ii. Bear Mountain to Dawson Creek Voltage Conversion project;
 - iii. North Montney Power Supply project; and
 - iv. Other natural gas electrification opportunities identified by the participants
 - b. Explore other electrification and transmission expansion opportunities, as determined by the Committee;
 - c. Improve cross-government coordination to connect existing and new funding sources to priorities, especially with respect to federal infrastructure funding; and
 - d. Develop and consider new and/or alternative financing models that can advance priority transmission projects, which may include Indigenous or other private sector ownership and participation by the Canada Infrastructure Bank.
4. The participants will jointly decide on overall resource levels to be devoted to the initiatives set out in this Memorandum. The participants are currently examining \$680 million in near-term electrification projects for joint funding, subject to necessary financial approvals by each participant.
5. The participants will each work to support the projects identified in this Memorandum within five years and any other projects jointly approved.

Engagement and collaboration with Indigenous peoples

6. The participants will engage with Indigenous groups to help ensure that Indigenous views are appropriately reflected in the initiative undertaken through this Memorandum.

Modification and discontinuance

7. This Memorandum may be modified by mutual decision of the participants in writing at any time.
8. Either participant may discontinue their participation in this Memorandum by giving the other participant notice in writing.

Coordination and implementation

9. The Government of Canada's Deputy Minister of Natural Resources and the Government of British Columbia's Deputy Minister of Energy, Mines and Petroleum Resources, with the support, as required, of the Government of Canada's Deputy Minister of Intergovernmental Affairs and Youth and the Government of British Columbia's Deputy Minister of Intergovernmental Relations Secretariat, Office of the Premier, will be responsible for leading the coordination and implementation of the commitments of the participants set out in this Memorandum.
10. The participants will resolve any dispute or difference between them arising from this Memorandum through consultation.
11. This Memorandum does not create any enforceable legal or equitable rights, or obligations, but acknowledges the intent of the participants to pursue mutually beneficial initiatives and activities.
12. This MOU takes effect upon signature by the parties. This MOU shall be in effect for a period of five years.
13. This MOU may be amended by mutual written agreement by the parties.

Signed in duplicate on August 29, 2019, in English and French, with each version being equally valid.



The Honourable Amarjeet Sohi
Minister of Natural Resources
Government of Canada

The Honourable Michelle Mungall
Minister of Energy, Mines and Petroleum
Resources
Government of British Columbia

**PROTOCOLE D'ENTENTE ENTRE
LE GOUVERNEMENT DU CANADA
ET**

**LE GOUVERNEMENT DE LA COLOMBIE-BRITANNIQUE
SUR L'ÉLECTRIFICATION DU SECTEUR DU GAZ NATUREL**

ATTENDU QUE :

- En 2016, les gouvernements du Canada et de la Colombie-Britannique (ci-après désignés les « participants ») ont rendu public le Cadre pancanadien sur la croissance propre et les changements climatiques, lequel définit les domaines de collaboration potentielle entre le Canada et les provinces, y compris l'apport de l'énergie propre de la Colombie-Britannique au secteur du gaz naturel;
- Les gouvernements du Canada et de la Colombie-Britannique ont des intérêts communs envers la réduction des émissions de gaz à effet de serre et la croissance de l'économie;
- En décembre 2018, le gouvernement de la Colombie-Britannique a publié son plan CleanBC. Cette nouvelle stratégie provinciale en matière de développement, d'énergie et de climat fait de l'électrification une priorité, en particulier l'électrification du secteur du gaz naturel comme moyen lui permettant de respecter ses engagements au chapitre des changements climatiques;
- Les projets d'électrification du gaz naturel et du gaz liquéfié en amont, une mesure conjointement examinée par les gouvernements de la Colombie-Britannique et du Canada dans le cadre de l'Initiative de collaboration régionale et d'infrastructure stratégique de l'électricité, se sont révélés faire partie des projets d'infrastructure électrique les plus rentables pour l'Ouest canadien;
- La Colombie-Britannique a déjà réalisé des investissements dans son réseau en vue de permettre l'électrification du secteur du gaz naturel; dans la foulée, en avril 2019, le gouvernement du Canada a annoncé qu'il allait contribuer jusqu'à 83,6 millions de dollars au projet Peace Region Electricity Supply dans le cadre du plan Investir dans le Canada, le reste, soit 205,4 millions de dollars, étant fourni par BC Hydro;
- Les gouvernements de la Colombie-Britannique et du Canada ont un intérêt commun dans l'électrification de la production de gaz naturel et de gaz naturel liquéfié, qui contribuera à établir la marque d'énergie propre du Canada et à faire de notre pays le fournisseur du gaz naturel le plus propre au monde;
- Les gouvernements de la Colombie-Britannique et du Canada reconnaissent que l'accès fiable et abordable des promoteurs du gaz naturel à l'électricité est un élément clé pour atteindre les objectifs sur les changements climatiques.

PAR CONSÉQUENT, les participants ont mutuellement convenu de ce qui suit :

Objectif

1. Ce protocole d'entente a pour objectif de démontrer l'engagement des gouvernements de la Colombie-Britannique et du Canada à appuyer l'électrification du secteur du gaz naturel en Colombie-Britannique.

Actions conjointes

2. Les participants s'entendent sur l'importance de soutenir l'électrification du secteur du gaz naturel en Colombie-Britannique.
3. Un Comité de planification de l'énergie propre Canada-Colombie-Britannique, composé de hauts représentants des deux administrations, notamment de BC Hydro, assumera les responsabilités suivantes :
 - a. Permettre des avancées en lien avec l'électrification du gaz naturel et du gaz naturel liquéfié, dans le cadre notamment des projets suivants :
 - i. Fonds d'électrification des installations de CleanBC;
 - ii. Projet de conversion de tension entre Bear Mountain et Dawson Creek;
 - iii. Projet d'approvisionnement en électricité de North Montney;
 - iv. Autres occasions d'électrification du gaz naturel identifiées par les participants.
 - b. Examiner d'autres occasions d'expansion en matière d'électrification et de transmission, telles que déterminées par le Comité;
 - c. Améliorer la coordination intergouvernementale afin de mieux lier les sources de financement existantes et nouvelles aux priorités, particulièrement en ce qui concerne le financement fédéral dans le domaine de l'infrastructure;
 - d. Élaborer et envisager des modèles de financement nouveaux ou non conventionnels susceptibles de faire progresser les projets de transmission prioritaires; ces modèles pourraient comprendre la propriété et la participation des autochtones ou d'autres intervenants du secteur privé par le biais de la Banque d'infrastructure du Canada.
4. Les participants décideront d'un commun accord des niveaux globaux de ressources à consacrer aux initiatives énoncées dans le présent protocole. À l'heure actuelle, les participants examinent un financement conjoint de 680 millions de dollars pour des projets d'électrification à court terme, sous réserve des approbations financières nécessaires obtenues par chaque participant.

5. Les participants travailleront, d'ici cinq ans, à appuyer les projets mentionnés dans ce protocole ainsi que tout autre projet approuvé conjointement.

Engagement et collaboration avec les peuples autochtones

6. Les participants collaboreront avec les peuples autochtones afin de s'assurer que les initiatives entreprises dans le cadre de ce protocole prennent dûment en compte les points de vue des groupes autochtones.

Modification et désistement

7. Ce protocole peut être modifié en tout temps à la suite d'une décision commune écrite des participants.
8. Chaque participant peut mettre fin à sa participation à ce protocole en donnant à l'autre un préavis écrit.

Coordination et mise en œuvre

9. La sous-ministre des Ressources naturelles du gouvernement du Canada et le sous-ministre de l'Énergie, des Mines et des Ressources pétrolières du gouvernement de la Colombie-Britannique, avec le soutien, si nécessaire, de la sous-ministre des Affaires intergouvernementales et de la Jeunesse du gouvernement du Canada et la sous-ministre du Secrétariat des relations intergouvernementales, Bureau du premier ministre de la Colombie-Britannique, seront responsables de diriger la coordination et la mise en œuvre des engagements des participants énoncés dans ce protocole;
10. Les participants régleront entre eux tout litige ou différend découlant du présent protocole d'entente au moyen de consultations.
11. Ce protocole d'entente ne crée pas de droits légaux ou équitables exécutoires, ni d'obligations; il constitue une reconnaissance des intentions des participants de poursuivre des initiatives et des activités mutuellement intéressantes.
12. Ce protocole d'entente entre en vigueur au moment de la signature des parties. Le protocole d'entente demeure en vigueur pour une période de cinq ans.
13. Ce protocole d'entente peut être modifié par un accord écrit entre les participants.

Signé en double exemplaire, le 29 août 2019, en français et en anglais, chaque version étant également valide.

A. Sohi

L'honorable Amarjeet Sohi
Ministre des Ressources naturelles
Gouvernement du Canada

L'honorable Michelle Mungall
Ministre de l'Énergie, des Mines et des
Ressources pétrolières
Gouvernement de la Colombie-
Britannique

Cameron, Tara D IGRS:EX

From: Cuddy, Andrew EMPR:EX
Sent: August 29, 2019 4:06 PM
To: Plecas, Bobbi IGRS:EX; Robb, Peter L. EMPR:EX
Cc: Sanderson, Melissa EMPR:EX
Subject: RE: MOU Electrification August 2019.pdf
Attachments: MOU Electrification August 2019.pdf

Attached is the MOU with MMM's signature

From: Plecas, Bobbi IGRS:EX
Sent: August 29, 2019 10:08 AM
To: Sanderson, Melissa EMPR:EX <Melissa.Sanderson@gov.bc.ca>; Cuddy, Andrew EMPR:EX <Andrew.Cuddy@gov.bc.ca>; Robb, Peter L. EMPR:EX <Peter.Robb@gov.bc.ca>
Cc: Robb, Peter L. EMPR:EX <Peter.Robb@gov.bc.ca>
Subject: MOU Electrification August 2019.pdf

MOU signed by the federal minister ready for MMM signature.

Bobbi

MEMORANDUM OF UNDERSTANDING BETWEEN
THE GOVERNMENT OF CANADA
AND
THE GOVERNMENT OF BRITISH COLUMBIA
ON THE ELECTRIFICATION OF THE NATURAL GAS SECTOR

WHEREAS:

- In 2016, the governments of Canada and British Columbia (hereinafter “the participants”) released the Pan-Canadian Framework on Clean Growth and Climate Change, which outlined potential areas of collaboration between the Government of Canada and the provinces, including bringing British Columbia’s clean energy to the natural gas sector;
- The governments of Canada and British Columbia have mutual interests in reducing greenhouse gas emissions and growing the economy;
- The Government of British Columbia, in December 2018, released CleanBC, its new provincial economic development, energy, and climate strategy, which prioritized electrification, including electrification of the natural gas sector as a means of meeting its climate change commitments;
- Electrification of upstream gas and liquefied natural gas were jointly studied by the governments of British Columbia and Canada in the Regional Electricity Cooperation and Strategic Infrastructure Initiative and were found to be among the most cost-effective electricity infrastructure projects identified in western Canada;
- British Columbia has already been making investments in its grid to enable electrification of the natural gas industry, and as part of this, in April 2019, the Government Canada announced that it is providing up to \$83.6 million towards the Peace Region Electricity Supply project through the Investing in Canada Plan, with BC Hydro providing the remaining \$205.4 million;
- The governments of British Columbia and Canada have a shared interest in electrifying natural gas production and liquefied natural gas production to build Canada’s clean energy brand as a supplier of the world’s cleanest natural gas; and
- The governments of British Columbia and Canada recognize that reliable and affordable access to electricity for natural gas proponents is a key factor in achieving climate change goals.

THEREFORE, the participants have mutually decided the following:

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1. The purpose of this Memorandum of Understanding is to demonstrate the commitment of the Government of British Columbia and the Government of Canada to support the electrification of the natural gas sector in British Columbia.

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2. The participants agree on the importance of supporting the electrification of the natural gas sector in British Columbia.
3. A Canada-British Columbia Clean Power Planning Committee, with senior representation from both jurisdictions, including BC Hydro will:
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 - iv. Other natural gas electrification opportunities identified by the participants
 - b. Explore other electrification and transmission expansion opportunities, as determined by the Committee;
 - c. Improve cross-government coordination to connect existing and new funding sources to priorities, especially with respect to federal infrastructure funding; and
 - d. Develop and consider new and/or alternative financing models that can advance priority transmission projects, which may include Indigenous or other private sector ownership and participation by the Canada Infrastructure Bank.
4. The participants will jointly decide on overall resource levels to be devoted to the initiatives set out in this Memorandum. The participants are currently examining \$680 million in near-term electrification projects for joint funding, subject to necessary financial approvals by each participant.
5. The participants will each work to support the projects identified in this Memorandum within five years and any other projects jointly approved.

Engagement and collaboration with Indigenous peoples

6. The participants will engage with Indigenous groups to help ensure that Indigenous views are appropriately reflected in the initiative undertaken through this Memorandum.

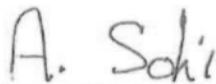
Modification and discontinuance

7. This Memorandum may be modified by mutual decision of the participants in writing at any time.
8. Either participant may discontinue their participation in this Memorandum by giving the other participant notice in writing.

Coordination and implementation

9. The Government of Canada's Deputy Minister of Natural Resources and the Government of British Columbia's Deputy Minister of Energy, Mines and Petroleum Resources, with the support, as required, of the Government of Canada's Deputy Minister of Intergovernmental Affairs and Youth and the Government of British Columbia's Deputy Minister of Intergovernmental Relations Secretariat, Office of the Premier, will be responsible for leading the coordination and implementation of the commitments of the participants set out in this Memorandum.
10. The participants will resolve any dispute or difference between them arising from this Memorandum through consultation.
11. This Memorandum does not create any enforceable legal or equitable rights, or obligations, but acknowledges the intent of the participants to pursue mutually beneficial initiatives and activities.
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13. This MOU may be amended by mutual written agreement by the parties.

Signed in duplicate on August 29, 2019, in English and French, with each version being equally valid.



The Honourable Amarjeet Sohi
Minister of Natural Resources
Government of Canada



The Honourable Michelle Mungall
Minister of Energy, Mines and Petroleum
Resources
Government of British Columbia

**PROTOCOLE D'ENTENTE ENTRE
LE GOUVERNEMENT DU CANADA**

ET

**LE GOUVERNEMENT DE LA COLOMBIE-BRITANNIQUE
SUR L'ÉLECTRIFICATION DU SECTEUR DU GAZ NATUREL**

ATTENDU QUE :

- En 2016, les gouvernements du Canada et de la Colombie-Britannique (ci-après désignés les « participants ») ont rendu public le Cadre pancanadien sur la croissance propre et les changements climatiques, lequel définit les domaines de collaboration potentielle entre le Canada et les provinces, y compris l'apport de l'énergie propre de la Colombie-Britannique au secteur du gaz naturel;
- Les gouvernements du Canada et de la Colombie-Britannique ont des intérêts communs envers la réduction des émissions de gaz à effet de serre et la croissance de l'économie;
- En décembre 2018, le gouvernement de la Colombie-Britannique a publié son plan CleanBC. Cette nouvelle stratégie provinciale en matière de développement, d'énergie et de climat fait de l'électrification une priorité, en particulier l'électrification du secteur du gaz naturel comme moyen lui permettant de respecter ses engagements au chapitre des changements climatiques;
- Les projets d'électrification du gaz naturel et du gaz liquéfié en amont, une mesure conjointement examinée par les gouvernements de la Colombie-Britannique et du Canada dans le cadre de l'Initiative de collaboration régionale et d'infrastructure stratégique de l'électricité, se sont révélés faire partie des projets d'infrastructure électrique les plus rentables pour l'Ouest canadien;
- La Colombie-Britannique a déjà réalisé des investissements dans son réseau en vue de permettre l'électrification du secteur du gaz naturel; dans la foulée, en avril 2019, le gouvernement du Canada a annoncé qu'il allait contribuer jusqu'à 83,6 millions de dollars au projet Peace Region Electricity Supply dans le cadre du plan Investir dans le Canada, le reste, soit 205,4 millions de dollars, étant fourni par BC Hydro;
- Les gouvernements de la Colombie-Britannique et du Canada ont un intérêt commun dans l'électrification de la production de gaz naturel et de gaz naturel liquéfié, qui contribuera à établir la marque d'énergie propre du Canada et à faire de notre pays le fournisseur du gaz naturel le plus propre au monde;
- Les gouvernements de la Colombie-Britannique et du Canada reconnaissent que l'accès fiable et abordable des promoteurs du gaz naturel à l'électricité est un élément clé pour atteindre les objectifs sur les changements climatiques.

PAR CONSÉQUENT, les participants ont mutuellement convenu de ce qui suit :

Objectif

1. Ce protocole d'entente a pour objectif de démontrer l'engagement des gouvernements de la Colombie-Britannique et du Canada à appuyer l'électrification du secteur du gaz naturel en Colombie-Britannique.

Actions conjointes

2. Les participants s'entendent sur l'importance de soutenir l'électrification du secteur du gaz naturel en Colombie-Britannique.
3. Un Comité de planification de l'énergie propre Canada-Colombie-Britannique, composé de hauts représentants des deux administrations, notamment de BC Hydro, assumera les responsabilités suivantes :
 - a. Permettre des avancées en lien avec l'électrification du gaz naturel et du gaz naturel liquéfié, dans le cadre notamment des projets suivants :
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 - iv. Autres occasions d'électrification du gaz naturel identifiées par les participants.
 - b. Examiner d'autres occasions d'expansion en matière d'électrification et de transmission, telles que déterminées par le Comité;
 - c. Améliorer la coordination intergouvernementale afin de mieux lier les sources de financement existantes et nouvelles aux priorités, particulièrement en ce qui concerne le financement fédéral dans le domaine de l'infrastructure;
 - d. Élaborer et envisager des modèles de financement nouveaux ou non conventionnels susceptibles de faire progresser les projets de transmission prioritaires; ces modèles pourraient comprendre la propriété et la participation des autochtones ou d'autres intervenants du secteur privé par le biais de la Banque d'infrastructure du Canada.
4. Les participants décideront d'un commun accord des niveaux globaux de ressources à consacrer aux initiatives énoncées dans le présent protocole. À l'heure actuelle, les participants examinent un financement conjoint de 680 millions de dollars pour des projets d'électrification à court terme, sous réserve des approbations financières nécessaires obtenues par chaque participant.

5. Les participants travailleront, d'ici cinq ans, à appuyer les projets mentionnés dans ce protocole ainsi que tout autre projet approuvé conjointement.

Engagement et collaboration avec les peuples autochtones

6. Les participants collaboreront avec les peuples autochtones afin de s'assurer que les initiatives entreprises dans le cadre de ce protocole prennent dûment en compte les points de vue des groupes autochtones.

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7. Ce protocole peut être modifié en tout temps à la suite d'une décision commune écrite des participants.
8. Chaque participant peut mettre fin à sa participation à ce protocole en donnant à l'autre un préavis écrit.

Coordination et mise en œuvre

9. La sous-ministre des Ressources naturelles du gouvernement du Canada et le sous-ministre de l'Énergie, des Mines et des Ressources pétrolières du gouvernement de la Colombie-Britannique, avec le soutien, si nécessaire, de la sous-ministre des Affaires intergouvernementales et de la Jeunesse du gouvernement du Canada et la sous-ministre du Secrétariat des relations intergouvernementales, Bureau du premier ministre de la Colombie-Britannique, seront responsables de diriger la coordination et la mise en œuvre des engagements des participants énoncés dans ce protocole;
10. Les participants régleront entre eux tout litige ou différend découlant du présent protocole d'entente au moyen de consultations.
11. Ce protocole d'entente ne crée pas de droits légaux ou équitables exécutoires, ni d'obligations; il constitue une reconnaissance des intentions des participants de poursuivre des initiatives et des activités mutuellement intéressantes.
12. Ce protocole d'entente entre en vigueur au moment de la signature des parties. Le protocole d'entente demeure en vigueur pour une période de cinq ans.
13. Ce protocole d'entente peut être modifié par un accord écrit entre les participants.

Signé en double exemplaire, le 29 août 2019, en français et en anglais, chaque version étant également valide.



L'honorable Amarjeet Sohi
Ministre des Ressources naturelles
Gouvernement du Canada



L'honorable Michelle Mungall
Ministre de l'Énergie, des Mines et des
Ressources pétrolières
Gouvernement de la Colombie-
Britannique