

Patrick, Andrew GCPE:EX

From: Tally, Holly GCPE:EX
Sent: July 16, 2019 2:48 PM
To: Patrick, Andrew GCPE:EX
Cc: Cotton, Brian GCPE:EX; Giles, Alison GCPE:EX
Subject: Phase 2 BC Hydro Review - IB & QA
Attachments: QA_Phase 2_BC Hydro Review_16 Jul 2019_232pm (002).docx; IB_Phase 2_BCH Review_15 July 2019_947am.docx

Hello,

Please see the attached IB and QA for Phase 2 of the BC Hydro Review. The IB is with our Minister's office for approval and is scheduled to be released on Friday, July 19th, at 7:30am.

Thank you,

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Government Communications and Public Engagement
Ministry of Energy, Mines and Petroleum Resources
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INFORMATION BULLETIN

Ministry of Energy, Mines and Petroleum
Resources

[release number]

[Date]

Next phase of BC Hydro review focuses on climate goals and new opportunities

VICTORIA – To ensure BC Hydro is working for British Columbians, government is launching phase two of the BC Hydro review, focussing on CleanBC electrification targets, new technologies, new roles for Indigenous Nations and examining future market opportunities.

Phase 2 of the BC Hydro Review will leverage BC Hydro's strengths and focus on:

- BC Hydro's role in supporting CleanBC and meeting the province's legislated 2030, 2040 and 2050 greenhouse gas reduction targets;
- future opportunities or new roles for Indigenous Nations and for communities in the energy sector;
- integrating new technologies and electricity market trends into BC Hydro's structure, services and assets while keeping rates affordable; and
- new opportunities for BC Hydro to expand its business in markets outside B.C. to the benefit of ratepayers.

The Ministry of Energy, Mines and Petroleum Resources will work with energy industry experts with extensive experience in North American utility operation, regulation and electricity markets, BC Hydro and the Ministry of Environment and Climate Change Strategy to produce an interim report before the end of the year.

Indigenous Nations and organizations, stakeholders and the public will have the opportunity to provide feedback on the interim report.

A final report with recommendations will be completed in early 2020.

CleanBC is a pathway to a more prosperous, balanced and sustainable future. CleanBC was developed in collaboration with the BC Green Party caucus and supports the commitment in the Confidence and Supply Agreement to implement climate action to meet B.C.'s emission targets.

Quick Facts:

- 98% of BC Hydro's electricity generation comes from clean and renewable resources.
- In December 2018 government released its CleanBC plan.
 - To achieve greenhouse gas reduction targets the plan calls for increasing the use of B.C.'s renewable hydroelectricity and shifting away from a reliance on fossil fuels for transportation, industry and buildings.
- In February 2019 government announced the results of Phase 1 of the BC Hydro review,

including:

- A new rates forecast that, subject to final approval from the B.C. Utilities Commission (BCUC), will limit cumulative bill increases to 1.8% in 2019 and 0.7% in 2020, and keep increases 20% below the forecast rate of B.C. inflation for the next five years.
- Regulatory and legislative changes to restore the BCUC's power to make decisions on rate increases, deferral accounts and capital projects, as well as other decisions that affect British Columbians.
- Phase 2 of the BC Hydro review will support BC Hydro's development of its Integrated Resource Plan (IRP) to be filed with the BCUC in early 2021. The IRP outlines how BC Hydro plans to safely provide reliable, affordable, clean electricity to meet customers' needs, now and into the future.

Learn More:

To view the terms of reference for Phase 2 of the BC Hydro Review, visit:

<https://www2.gov.bc.ca/gov/content/industry/electricity-alternative-energy/electricity/bc-hydro-review>

Contact:

Kent Karemaker

Media Relations

Ministry of Energy, Mines and Petroleum Resources

250 952-0628

QUESTION AND ANSWERS
BC Hydro Review – Phase 2
July 15, 2019

Ministry of Energy, Mines and Petroleum Resources

- To ensure BC Hydro is working for British Columbians, government is launching phase two of the BC Hydro review, focussing on CleanBC electrification targets, new technologies, new roles for Indigenous Nations and examining future market opportunities.
- We've already taken action in the first phase of our BC Hydro review to keep rates affordable and to restore independent oversight by the B.C. Utilities Commission. Now we're looking to the future to position BC Hydro for new opportunities.
- The objective of Phase 2 is to create a strategy for the benefit of British Columbians where BC Hydro will continue to provide its customers with clean energy at competitive rates through the continuing evolution of BC Hydro in response to changes in climate, consumer demand, technology and BC's commitment to reconciliation with Indigenous Nations.
- Phase 2 of the BC Hydro Review will leverage BC Hydro's strengths and focus on:
 - BC Hydro's role in supporting CleanBC and meeting the province's legislated 2030, 2040 and 2050 greenhouse gas reduction targets;
 - future opportunities or new roles for Indigenous Nations and for communities in the energy sector;
 - integrating new technologies and electricity market trends into BC Hydro's structure, services and assets while keeping rates affordable; and
 - new opportunities for BC Hydro to expand its business in markets outside B.C. to the benefit of ratepayers.
- The Ministry of Energy, Mines and Petroleum Resources will work with BC Hydro, energy industry experts with extensive experience in North American utility operation, regulation and electricity markets, and the Ministry of Environment and Climate Change Strategy to produce an interim report before the end of the year.
- Indigenous Nations and organizations, stakeholders and the public will have the opportunity to provide feedback on the interim report.
- A final report with recommendations will be completed in early 2020.

Questions and Answers

1. You just finished a review of BC Hydro in February, why do we need another review?

We have always planned for, and publicly committed to a two-phase review of BC Hydro.

The first phase focussed on immediate solutions to keep rates affordable by identifying savings, and efficiencies at BC Hydro, and government measures to reduce BC Hydro's costs and regulatory accounts balances, and restore independent oversight by the province's energy regulator, the B.C Utilities Commission (BCUC).

The second phase will be a broader, transformational review that will examine some of the significant changes and shifts taking place in the energy sector and will produce recommendations to strategically position BC Hydro and the Province for long-term success, including BC Hydro's role in achieving the electrification goals in the CleanBC climate plan.

Phase 2 will also complement other consultation processes by identifying new roles and opportunities for Indigenous Nations to participate in the evolving clean energy economy.

2. What are some examples of the “changes and shifts” taking place in the energy sector that you’re going to address?

Some of the changes and shifts that are poised to impact BC Hydro's business in the future include:

- The growing popularity of electric vehicles, the Province's EV mandate and evolving technologies.
- The falling price of renewable energy sources such as wind and solar.
- The growth of intermittent, renewable energy sources means new opportunities are emerging to support trade in capacity resources to balance this variable electricity supply.
- Customer expectations around service and options to generate their own power or choose their energy sources.
- Technologies and utility structures are evolving.
- Low-carbon electrification supporting the transition from fossil fuels to clean electricity to reduce greenhouse gas emissions will drive demand for clean, firm electricity to power electric vehicles, space and water heating, upstream natural gas and LNG operations.
- Environmental concerns about climate change, ecosystem impacts, and air quality are pushing many other utilities to decrease their use of coal and natural gas to generate electricity and move toward renewable generation from intermittent sources like wind and solar.

- The energy intensive technology sector, including large server farms and data-mining operations, will be looking for clean, affordable, reliable electricity when deciding where to locate their operations.
- Conservation has become a priority as utilities recognize the potential to defer costly new generation and customers make efforts to reduce their bills and their environmental footprint.
- Utilities are developing new rate structures to create incentives to use power at certain times of the day or year to reduce demand during peak periods.

3. What will you be looking at in this second phase of the review?

Phase 2 of the review will:

- Identify how BC Hydro will support the Province in achieving the electrification targets set out in CleanBC and lay the groundwork for additional emission reductions to meet the Province's legislated 2030, 2040 and 2050 greenhouse gas reduction targets including additional opportunities for fuel-switching, energy efficiency and conservation.
- Integrate trends in technology, changes in electricity markets and transformative approaches used by other electric utilities (e.g. distributed generation, microgrid and digital utilities) into BC Hydro's business to benefit its ratepayers.
- Consider whether there are opportunities to enable increased participation in external energy markets and new lines of business to the benefit of BC Hydro ratepayers.
- Support B.C.'s commitment to reconciliation with Indigenous peoples by considering future opportunities or new roles for Indigenous Nations in the development, ownership or operation of electrical infrastructure or services. The review will also consider how BC Hydro currently works with communities and explore alternatives.

4. What will the review deliver?

The second phase of the BC Hydro Review will provide recommendations on how BC Hydro can build on its success in a changing energy future while supporting the climate and economic development framework set out in CleanBC and maintaining affordable rates.

The recommendations from Phase 2 will be used to support the development of BC Hydro's Integrated Resource Plan (IRP) that will be filed with the BCUC in early 2021. The IRP outlines how BC Hydro plans to safely provide reliable, affordable, clean electricity to meet customers' needs, now and into the future.

The recommendations will also complement the consultations regarding impacts of the Standing Offer Program and potential opportunities arising from CleanBC by identifying potential electricity-sector opportunities for Indigenous Nations.

5. What role will external industry experts play?

The external industry experts will provide advice in each of the review's four areas of focus including opportunities for program and rate design, changes to BC Hydro's governance structure and regulatory framework, and other opportunities to enhance BC Hydro's financial and operational sustainability in the rapidly changing energy sector while keeping rates affordable over the long run.

6. Why is the review being led internally by government and BC Hydro instead of externally by an independent investigator or panel?

The review process we have developed:

- allows for more effective use to be made of experts. Since outside experts would not be required to draft the interim and final reports or conduct consultations, more experts with diverse experience can be hired, and better use can be made of their time and expertise;
- avoids experts being asked to duplicate expertise already within government and BC Hydro while ensuring that expert advisors provide fresh eyes and a broader perspective;
- provides enough flexibility to ensure the advisory group and review committee can ask questions of the expert advisors as new information comes to light;
- helps to ensure that the review will be aligned with existing activities already underway such as CleanBC, BC Hydro's IRP and Indigenous Nations reconciliation initiatives; and
- helps to ensure that the recommendations resulting from the report are relevant to the British Columbian context and are implementable.

7. Who are the expert advisors that will be contributing to the review process?

The Ministry is in the process of contacting experts located in B.C., Canada and the U.S. with knowledge of utility management, regulatory matters, emerging trends and technology, electricity markets, or experience with projects and/or businesses that benefit Indigenous peoples.

8. When will the public find out who the expert advisors are?

The names of the expert advisors will be included in the interim report, which will be released in December 2019.

9. How will you choose the expert advisors who will be informing the review?

The Ministry is in the process of selecting experts for the review. Ministry staff, in consultation with BC Hydro and Powerex, provided a list of suggested expert advisors to the Minister for her consideration. The Minister provided a short-list of experts based on Ministry suggestions.

10. Are the expert advisors being paid? And if so, how much?

Yes. Experts will receive payment in alignment with current market rates for consulting services. The Province will also cover expenses incurred as part of the review. Payment and expenses for each expert advisor is not expected to exceed \$25,000.

11. Are you planning on conducting a competitive, public process to identify external experts – a Request for Proposals on BC Bid for example?

The individuals we will seek as external advisers to the second phase of the review are highly specialized, highly respected experts with extensive experience in North American utility operation, regulation and electricity markets.

Due to the unique experience and subject matter expertise required of expert advisors to the review, and consistent with the Province's core policy on direct awards, we are approaching individuals directly rather than using a competitive bid process.

12. Is there Indigenous participation in the review?

Yes. We are in the process of selecting an expert with Indigenous Nations expertise. Early on in the review, expert advice will be sought to inform preliminary options for opportunities or new roles for Indigenous Nations in the development, ownership, or operation of electrical infrastructure or services.

In addition, Indigenous Nations and organizations, stakeholders and the public will have the opportunity to provide feedback on the interim report.

13. Why are staff and executives from BC Hydro so involved – it looks like they're reviewing themselves?

The review is being led by senior staff with the Ministry of Energy, Mines and Petroleum Resources and the Ministry of Environment and Climate Change Strategy and informed by input from external expert advisors.

BC Hydro involvement and expertise is essential to ensure the second phase of the review results in informed, constructive and achievable options and recommendations that will address how BC Hydro must evolve its existing structure, services and assets to ensure its long-term sustainability for the benefit of all British Columbians.

14. Why did you suspend BC Hydro's Standing Offer Program (SOP) if you're so interested in enhancing the participation of Indigenous Nations in the energy sector?

We understand that many Indigenous communities, in most cases with private power producers as partners, have been exploring or seeking energy procurement opportunities under the SOP.

However, because of the electricity surplus we inherited, and our commitment to keep BC Hydro's rates affordable, it was necessary to suspend the SOP indefinitely with the exception of electricity purchase agreements for five Indigenous-related projects which are part of impact benefit agreements with BC Hydro and/or mature projects that have significant Indigenous Nations involvement as announced March 2018.

The Province remains committed to reconciliation with Indigenous peoples of British Columbia. The Ministry of Energy, Mines and Petroleum Resources is engaging with Indigenous Nations and organizations to discuss the extent to which the indefinite suspension of the Standing Offer Program may affect the economic interests of individual Indigenous Nations, and to explore opportunities to mitigate these impacts, where they exist.

Emerging opportunities for this conversation include clean energy sector opportunities under the CleanBC plan.

15. Is Site C to be reviewed again?

The Site C project was reviewed extensively by the BCUC and government over a four-month period in late 2017.

The Site C review was informed by BC Hydro, technical experts, a broad range of stakeholders, hundreds of members of the public, and Indigenous Nations.

That review resulted in a new Site C budget and improved oversight of the project, including a Project Assurance Board that is providing enhanced oversight to future contract procurement and management, project deliverables, environmental integrity, and quality assurance – all within the mandate of delivering the project on time and budget.

Now, we're focusing on the future and positioning BC Hydro and the Province for long-term success including BC Hydro's role in achieving the electrification goals in the CleanBC plan and new opportunities for Indigenous Nations in the evolving clean energy economy.

That said, clearly, the capacity and energy produced by Site C, and the costs of the project will have a major impact on BC Hydro's long-term future and will be factored into the review.

16. How much is this two-phased review going to cost?

The first phase of the review was conducted internally, with no incremental costs to taxpayers or BC Hydro's customers.

We anticipate the second phase of the BC Hydro review could cost approximately \$500,000, including costs associated with the expert advisors and engagement with Indigenous Nations and organizations, stakeholders, and the public.

Comprehensive Review of BC Hydro – Phase 2

Biographies of Expert Advisors

David Bibby

David Bibby has over 25 years of experience in strategic technology leadership within growth-oriented global organizations. He has been the Head of Global Digital Services at Finning International since January 2016. Prior to this, he held positions as the Vice President, Information Technology, at Vancity Savings and the Senior Vice President of Technology at Canaccord Genuity Corporation.

Gwenne Farrell

Gwenne Farrell worked as a Vice-President of MoveUp from May 2005 until November 2018. Prior to that she worked as a Financial Analyst with BC Hydro. In the spring of 2007, Gwenne was also elected to the office of Secretary-Treasurer of Canadian Office and Professional Employees Union (COPE), Local 378's National Union.

Mark Jaccard

Mark Jaccard has been a professor since 1986 in the School of Resource and Environmental Management at Vancouver's Simon Fraser University. From 1992 to 1997 he served as Chair and Chief Executive Officer of the B.C. Utilities Commission. He has published over 100 academic papers, most of these related to his principal research focus: the design and application of energy-economy models that assess the effectiveness of sustainable energy and climate policies.

Stephen Koch

Stephen Koch is the Director of Emerging Issues at the Canadian Electricity Association (CEA), the National Voice of Electricity in Canada. As Director of the National Emerging Issues Committee, Stephen works with senior CEA members and industry experts to identify, predict, and prepare for technological innovations and potentially disruptive market changes across the energy sector. Stephen was previously President of the Canadian Heat Oil Association and held other leadership roles which included Chairperson of Envirocentre and Canadian Energy Efficiency Alliance. Stephen is also a guest lecturer at Carleton University.

Caitlin Liotiris

Caitlin Liotiris has expertise in electricity market development, regional transmission planning and policy, and energy procurement arenas. Her work includes advocacy at regional forums, performing market and regulatory evaluations, and facilitating the incorporation of new policies and market structures into modeling tools. She is a Principal at Energy Strategies.

Liisa O'Hara

After a lengthy career as an executive in the energy transportation business, Liisa O'Hara served as Commissioner to the B.C. Utilities Commission (BCUC) for 10 years. As BCUC Commissioner, Liisa participated in oversight of the Province's natural gas and electricity utilities, the regulation of rates, and the development of new facilities. As Commissioner, she also developed a strong interest in clean energy solutions.

Blake Shaffer

Blake Shaffer has extensive experience in the energy sector, with a specific focus on electricity markets. Blake's 15-year career has taken him from the trading arm of BC Hydro, to Lehman Brothers and Barclays Capital in New York as a senior energy trader, and Director of Energy Trading at Transalta Corporation in Calgary, Alberta. He is currently an Adjunct Assistant Professor at the University of Calgary, Department of Economics.

Dan Woynillowicz

Dan Woynillowicz is an accomplished non-profit leader working to identify and implement climate solutions. An experienced analyst, strategist and advocate, he has significant knowledge and experience in the fields of energy and environmental policy. He joined Clean Energy Canada in December 2012 as Policy Director.

INFORMATION BULLETIN

For Immediate Release
2019EMPR0082-001488
July 19, 2019

Ministry of Energy, Mines and Petroleum Resources

Next phase of BC Hydro review to focus on climate goals, new opportunities

VICTORIA – To ensure BC Hydro is working for British Columbians, government is launching Phase 2 of the BC Hydro review, focusing on CleanBC electrification targets, new technologies, new roles for Indigenous Nations and examining future market opportunities.

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- integrating new technologies and electricity market trends into BC Hydro's structure, services and assets while keeping rates affordable; and
- new opportunities for BC Hydro to expand its business in markets outside B.C. for the benefit of ratepayers.

The Ministry of Energy, Mines and Petroleum Resources will work with energy industry experts with extensive experience in North American utility operation, regulation and electricity markets, BC Hydro and the Ministry of Environment and Climate Change Strategy to produce an interim report before the end of this year.

Indigenous peoples and organizations, and stakeholders will have the opportunity to provide feedback on the interim report.

A final report with recommendations will be completed in early 2020.

CleanBC is a pathway to a more prosperous, balanced and sustainable future. CleanBC was developed in collaboration with the BC Green Party caucus, and supports the commitment in the Confidence and Supply Agreement to implement climate action to meet B.C.'s emission targets.

Quick Facts:

- About 98% of BC Hydro's electricity generation comes from clean and renewable resources.
- In December 2018, government released its CleanBC plan.
 - To achieve greenhouse gas reduction targets, the plan calls for increasing the use of B.C.'s renewable hydroelectricity and shifting away from a reliance on fossil fuels for transportation, industry and buildings.
- In February 2019, government announced the results of Phase 1 of the BC Hydro review, including:

- a new rate forecast that, subject to final approval from the B.C. Utilities Commission (BCUC), will limit bill increases to 1.8% in 2019 and 0.7% in 2020, and keep cumulative increases 20% below the forecast rate of B.C. inflation for the next five years; and
- regulatory and legislative changes to enhance the BCUC's power to make decisions on rate increases, deferral accounts and capital projects, as well as other decisions that affect British Columbians.
- Phase 2 of the BC Hydro review will support BC Hydro's development of its Integrated Resource Plan (IRP) to be filed with the BCUC in early 2021. The IRP outlines how BC Hydro plans to safely provide reliable, affordable, clean electricity to meet customers' needs now and into the future.

Learn More:

To view the terms of reference for Phase 2 of the BC Hydro review, visit:

<https://www2.gov.bc.ca/gov/content/industry/electricity-alternative-energy/electricity/bc-hydro-review>

Contact:

Kent Karemaker
Media Relations
Ministry of Energy, Mines and Petroleum
Resources
250 952-0628

Connect with the Province of B.C. at: news.gov.bc.ca/connect

McRae, Meghan GCPE:EX

From: Grewar, Colin GCPE:EX
Sent: July 17, 2019 11:44 AM
To: Sanderson, Melissa EMPR:EX
Cc: Cuddy, Andrew EMPR:EX; McRae, Meghan GCPE:EX; Giles, Alison GCPE:EX; Tally, Holly GCPE:EX
Subject: BCH Review Phase 2 - QA
Attachments: QA_Phase 2_BC Hydro Review_Jul17_2019.docx

Hi Melissa: Hope you're enjoying your time at EMMC in Cranbrook.

Please find attached the latest version of the QA to complement the IB announcing phase 2 of the BC Hydro Review.

As you know, the IB is scheduled to go out at 7:30 on Friday morning.

Thanks,
Colin



Colin Grewar
Senior Public Affairs Officer
Government Communications and Public Engagement
Ministry of Energy, Mines and Petroleum Resources
Phone: 250-952-0650
Colin.Grewar@gov.bc.ca

BC Hydro Review Phase 2

Draft language to update the EMPR and EAED webpages when TOR is released publicly

UPDATE #1

Link: <https://www2.gov.bc.ca/gov/content/governments/organizational-structure/ministries-organizations/ministries/energy-mines-and-petroleum-resources>

Phase 2 of the Comprehensive Review of BC Hydro

Learn more about the steps being taken to create a strategy, for the benefit of British Columbians, for BC Hydro to continue to provide its customers with clean energy at competitive rates through the continuing evolution of BC Hydro in response to changes in climate, consumer demand, technology and B.C.'s commitment to reconciliation with Indigenous Nations.

UPDATE #2

Link: <https://www2.gov.bc.ca/gov/content/industry/electricity-alternative-energy/electricity/bc-hydro-review>

Phase 2 of the Comprehensive Review of BC Hydro

The objective of the Phase 2 of the Comprehensive Review of BC Hydro is to create a strategy, for the benefit of British Columbians, for BC Hydro to continue to provide its customers with clean energy at competitive rates through the continuing evolution of BC Hydro in response to changes in climate, consumer demand, technology and BC's commitment to reconciliation with Indigenous Nations.

Following completion of Phase 1 of the Review of BC Hydro in February 2019 (see below for more information), Government initiated Phase 2 in June 2019. This second phase will be a broad, transformational review that will examine some of the significant changes and shifts taking place in the B.C. and continental energy sectors and will produce recommendations to strategically position BC Hydro and the Province for long-term success, including BC Hydro's role in achieving the electrification goals set out in CleanBC. Phase 2 will leverage BC Hydro's strengths and focus on:

- BC Hydro's role in supporting CleanBC and meeting the Province's legislated 2030, 2040 and 2050 greenhouse gas reduction targets;
- future opportunities or new roles for Indigenous Nations and for communities in the energy sector;
- integrating new technologies and electricity market trends into BC Hydro's structure, services and assets while keeping rates affordable; and
- new opportunities for BC Hydro to expand its business in markets outside B.C. to the benefit of ratepayers.

Phase 2 will be guided by the [Comprehensive Review of BC Hydro Phase 2 – Terms of Reference](#). The Ministry of Energy, Mines and Petroleum Resources will work with BC Hydro; energy industry experts with extensive experience in North American utility operation, technology, regulation and electricity markets; and the Ministry of Environment and Climate Change Strategy, to produce an interim report before the end of the year.

Commented [NNE1]: This will be a link to the public version of the TOR.

BC Hydro Review Phase 2

Draft language to update the EMPR and EAED webpages when TOR is released publicly

Indigenous Nations and organizations, stakeholders and the public will have the opportunity to provide feedback on the interim report.

A final report with recommendations will be completed in early 2020.

[The following language will be posted on a separate page on the EAED site as per Paul's comment]

Phase 1 of the Comprehensive Review of BC Hydro

The first phase of the review was completed in February 2019.

Government worked with BC Hydro to identify cost savings, efficiencies, new revenue streams and other changes to keep electricity rates low, while ensuring sound regulatory and financial oversight of BC Hydro and enabling implementation of government policy priorities.

Phase 1 was an internal review, carried out by an advisory group consisting of staff from the Ministry of Energy, Mines and Petroleum Resources, the Ministry of Finance and BC Hydro. This work was guided by the [2018 Comprehensive Review of BC Hydro Phase 1 – Terms of Reference \(PDF, 282 KB\)](#).

The key outcomes of Phase 1 are:

1. A new five-year (April 1, 2019 – March 31, 2024) rates forecast that reflects cost and revenue strategies to keep rates affordable; and
2. A regulatory framework that enhances the BC Utilities Commission's (BCUC) oversight of BC Hydro.

For further information on the outcomes, please read the [Comprehensive Review of BC Hydro: Phase 1 Final Report \(PDF, 828 KB\)](#).

Among other things, the Phase 1 Final Report has informed BC Hydro's April 1, 2019 – March 31, 2021 Revenue Requirements application, which was filed with the BCUC at the end of February 2019.

Indigenous Engagement on the Standing Offer Program

As a result of Phase 1, BC Hydro's Standing Offer Program (SOP) will be indefinitely suspended. The Province understands that a significant number of Indigenous nations in British Columbia have expressed interest in developing or partnering on clean energy projects under this program. The Province is seeking to engage with Indigenous nations and organizations to explore how the indefinite suspension of the SOP may affect the economic interests of individual Indigenous nations, and to explore alternate opportunities to meet those interests, where they exist.

For further information, please visit the [BC Government's Engagement on the SOP Suspension website](#).

BC Hydro Review Phase 2

Draft language to update the EMPR and EAED webpages when TOR is released publicly

Independent Report on BC Hydro's Purchase of Power from Private Power Producers

Through a separate process, the Minister of Energy, Mines and Petroleum Resources contracted with an independent consultant, Ken Davidson, to examine the factors that have influenced BC Hydro's purchases of electricity from private power producers. The report also looks at the impact these purchases have had on BC Hydro costs and rates.

For more information, read the [Review of BC Hydro's Purchase of Power from Independent Power Producers Report \(PDF, 1.6 MB\)](#).



BC Hydro Review Phase Two

ITEM: BC Hydro Review – Phase 2

SUMMARY:

| | | | |
|----------------|---|-------------------|----|
| Type: | News release. | | |
| Item Summary: | <p>Announce the scope, process and timelines (terms of reference) for Phase 2 of government's comprehensive, two-phased review of BC Hydro.</p> <p>The first phase focused on reducing the increase in BC Hydro's electricity rates and ensuring sound financial and regulatory oversight of BC Hydro. The results of Phase 1 were announced on February 14, 2019 and included a new five-year rates forecast and measures to reduce energy costs and enhance oversight of BC Hydro by the B.C. Utilities Commission.</p> <p>Phase 2 will start in spring/summer 2019. Phase 2 will be informed by new government strategies, including CleanBC and will be focussed on positioning BC Hydro for long-term success within a rapidly evolving international and continental energy sector.</p> | | |
| Date: | Early- Mid June 2019 | Venue / Location: | NA |
| Primary: | Minister of Energy, Mines and Petroleum Resources | Featuring: | NA |
| Audiences: | BC Hydro ratepayers and ratepayers' groups, environmental organizations and stakeholders, Indigenous organizations and First Nations. | | |
| Message Frame: | <ul style="list-style-type: none">To ensure BC Hydro is working for people today, tomorrow and over the long-term within the rapidly evolving energy sector government is launching the next phase of the comprehensive BC Hydro review.We completed the first phase in February and announced measures that will reduce BC Hydro's costs, keep rates affordable and restore sound financial and regulatory oversight of BC Hydro by the B.C. Utilities Commission (BCUC). | | |

| | |
|-----------------------|--|
| | <ul style="list-style-type: none"> • Phase 2 will leverage BC Hydro's strengths and focus on: <ul style="list-style-type: none"> ○ BC Hydro's role in supporting CleanBC and meeting the province's legislated 2030, 2040 and 2050 greenhouse gas reduction targets, ○ future opportunities or new for Indigenous Nations and communities in the energy sector, ○ integrating new technologies and electricity market trends into BC Hydro's structure, services and assets while keeping rates affordable; and ○ new opportunities for BC Hydro to expand its business in markets outside B.C. to the benefit of ratepayers. • The Ministries of Energy, Mines and Petroleum Resources and Environment and Climate Change Strategy, and BC Hydro will work with external energy industry experts to produce an interim report s.12,s.13,s.17 • s.12,s.13,s.17 • A final report with recommendations will be completed by early 2020. |
| Key Validating Facts: | <ul style="list-style-type: none"> • In June 2018 the B.C. government launched a comprehensive, two-phased review of BC Hydro. • In December 2018 government released its CleanBC climate plan. To achieve greenhouse gas reduction targets the plan calls for increasing the use of B.C.'s renewable hydro-electricity and shifting away from a reliance on fossil fuels for transportation, industry and housing. • In February 2019 government announced the results of Phase 1 of the BC Hydro review, including: <ul style="list-style-type: none"> • A new rates plan that, subject to BCUC approval, will limit rate increases to 1.8% in 2019 and 0.7% in 2020, and keep increases 20% below the B.C. rate of inflation for the next five years. • Writing off the total balance of the BC Hydro's rate smoothing regulatory account to zero in 2018-19. This will limit rate increases and relieve ratepayers of the burden of directly paying off \$1.1 billion in deferred costs over the next five years. • Measures to reduce BC Hydro's energy costs including the indefinite suspension of BC Hydro's Standing Offer Program and reducing the volume and costs of biomass energy. • Regulatory and legislative changes to restore BCUC's power to make decisions on rate increases, deferral accounts and capital projects, as well as other decisions that affect British Columbians. • Phase 2 of the review will: <ul style="list-style-type: none"> ○ Identify how BC Hydro will support the Province in achieving the electrification targets set out in CleanBC and lay the groundwork for additional reductions to meet the province's legislated 2030, 2040 and 2050 greenhouse gas reduction targets including additional |

- opportunities for fuel-switching, energy efficiency and conservation.
- Integrate trends in technology, changes in electricity markets and transformative approaches used by other electric utilities (e.g. distributed generation, microgrid and digital utilities) into BC Hydro's business to benefit its ratepayers.
- Consider whether there are opportunities to enable increased participation in external energy markets and new lines of business to the benefit of BC Hydro ratepayers.
- Support B.C.'s commitment to reconciliation with Indigenous peoples by considering future opportunities or new roles for Indigenous Nations and communities in the development, ownership or operation of electrical infrastructure or services.
- The Ministry of Energy, Mines and Petroleum Resources and BC Hydro will lead Phase 2 and draft an interim report s.12,s.13,s.17 and final report to be released in early 2020.
- Industry experts with extensive experience in public and private North American utility operation, regulation, and/or electricity markets will inform and guide recommendations.
- Indigenous peoples, key stakeholders ;s.12,s.13,s.17
s.12,s.13,s.17 will be asked to provide feedback on the interim report.
- s.12,s.13,s.17

s.12,s.13,s.17

Page 023

Withheld pursuant to/removed as

s.12;s.13;s.17

Page 024

Withheld pursuant to/removed as

s.12;s.16;s.13;s.17

Page 025

Withheld pursuant to/removed as

s.12;s.13;s.17

INFORMATION BULLETIN

Not Approved
July 19, 2019

Ministry of Energy, Mines and Petroleum Resources

Next phase of BC Hydro review to focus on climate goals, new opportunities

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Learn More:

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<https://www2.gov.bc.ca/gov/content/industry/electricity-alternative-energy/electricity/bc-hydro-review>

Contact:

Kent Karemaker
Media Relations
Ministry of Energy, Mines and Petroleum
Resources
250 952-0628

Connect with the Province of B.C. at: news.gov.bc.ca/connect

From: [Grewar, Colin GCPE:EX](#)
To: [Sopinka, Amy EMPR:EX](#)
Cc: [Norris, Nancy EMPR:EX](#); [McRae, Meghan GCPE:EX](#); [Tally, Holly GCPE:EX](#)
Subject: Final IB
Date: July 19, 2019 10:49:06 AM
Attachments: [2019EMPR0082-001488.pdf](#)

Hi Amy: As promised, final IB on phase 2 of the BCH Review attached and below.

This is embargoed until it goes out at 11:45am today, so please do not share before that time.

Thanks,

Colin

For Immediate Release

2019EMPR0082-001488

July 19, 2019

Ministry of Energy, Mines and Petroleum Resources

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Contact:

Kent Karemaker

Media Relations

Ministry of Energy, Mines and Petroleum Resources

250 952-0628

Connect with the Province of B.C. at: <http://news.gov.bc.ca/connect>

Tally, Holly GCPE:EX

From: Giles, Alison GCPE:EX
Sent: July 15, 2019 2:48 PM
To: Cuddy, Andrew EMPR:EX; Sanderson, Melissa EMPR:EX
Cc: McRae, Meghan GCPE:EX; Tally, Holly GCPE:EX; Grewar, Colin GCPE:EX
Subject: FW: A/ADM Approved BC Hydro Phase 2 IB & QA
Attachments: IB_Phase 2_BCH Review_15 July 2019_947am.docx

Hi Andrew and Melissa,

Program/Les-approved IB for Phase 2 attached for your review/approval. Scheduled to go Wed/Thurs at this point. Public Accounts is scheduled for Thursday **S.13**

Please note the reference in para 4 to public being invited to provide feedback after interim report released – will await your direction on that.

The energy industry experts are not being named by way of a backgrounder. The last I heard on where we were at with **s.22** was that Paul W hadn't heard anything back after two phone calls/emails. Program would prefer that the advisors be listed when the interim report is released in December. The last I heard on where we were at with **s.22** was that Paul W hadn't heard anything back after two phone calls/emails – perhaps you have an update?

QA coming very shortly.

Tally, Holly GCPE:EX

From: Giles, Alison GCPE:EX
Sent: July 15, 2019 4:21 PM
To: Grewar, Colin GCPE:EX; Tally, Holly GCPE:EX
Subject: FW: BCHydro_Phase_Two_PPT_v02 Banner.potx
Attachments: BCHydro_Phase_Two_PPT_v03.potx

Without appearing to s.22 I wasn't sure what Cal meant by clicking on the left thumbnail to select different layouts. Nothing happened for me when I did that.

From: Giles, Alison GCPE:EX
Sent: July 15, 2019 4:17 PM
To: Sopinka, Amy EMPR:EX <Amy.Sopinka@gov.bc.ca>
Subject: FW: BCHydro_Phase_Two_PPT_v02 Banner.potx

From: Jones, Calvin GCPE:EX
Sent: July 15, 2019 3:53 PM
To: Giles, Alison GCPE:EX <Alison.Giles@gov.bc.ca>
Subject: Re: BCHydro_Phase_Two_PPT_v02 Banner.potx

Hi Alison:

Attached is the Phase Two PPT that contains the header. Let me know if this works for your folks and they know to right-click on the left thumbnail to select different layouts. There are several to choose from. It might make their job easier? I'll close this request off now. Once the Phase Two Review is complete and content is written, then Colin can send in a new request. I understand this is likely a couple of months out at the mo. Hope this all helps.

Cal
T: 250 356-8565

[B.C. Visual Identity Website](#)
[Graphic Design Requests](#)
[Graphics 411 Information and Resources](#)

From: "Giles, Alison GCPE:EX" <Alison.Giles@gov.bc.ca>
Date: Friday, July 12, 2019 at 11:52 AM
To: "Jones, Calvin GCPE:EX" <Calvin.Jones@gov.bc.ca>
Subject: FW: BCHydro_Phase_Two_PPT_v02 Banner.potx

Cal – this is what they're after.

Can you lock it down for us?

Tally, Holly GCPE:EX

From: Sopinka, Amy EMPR:EX
Sent: July 12, 2019 4:38 PM
To: Tally, Holly GCPE:EX
Cc: Wieringa, Paul EMPR:EX
Subject: FW: For review - Phase 2 BC Hydro Review IB
Attachments: IB_Phase 2_BCH Review_12 Jul 2019_1214pm as.docx

A/ADM approved.

A

From: Sopinka, Amy EMPR:EX
Sent: July 12, 2019 12:53 PM
To: Wieringa, Paul EMPR:EX <Paul.Wieringa@gov.bc.ca>
Cc: Tally, Holly GCPE:EX <Holly.Tally@gov.bc.ca>
Subject: FW: For review - Phase 2 BC Hydro Review IB

Paul,

For your review – the updated IB for Phase 2 – no mention of expert advisor bios but more cleanbc focussed.

A

From: Tally, Holly GCPE:EX
Sent: July 12, 2019 12:30 PM
To: Sopinka, Amy EMPR:EX <Amy.Sopinka@gov.bc.ca>
Cc: Giles, Alison GCPE:EX <Alison.Giles@gov.bc.ca>; McRae, Meghan GCPE:EX <Meghan.McRae@gov.bc.ca>
Subject: For review - Phase 2 BC Hydro Review IB

Hi Amy,

We've updated the IB to include more CleanBC stuff. Can you take a quick look (by 1:15pm if possible)? There is no reference to a list of advisors.

I'll send an updated QA your way this afternoon.

Holly Tally | Public Affairs Officer
Government Communications and Public Engagement
Ministry of Energy, Mines and Petroleum Resources
T: 778-974-3851 | C: 250-818-3081
E: Holly.Tally@gov.bc.ca

Tally, Holly GCPE:EX

From: Sopinka, Amy EMPR:EX
Sent: July 12, 2019 4:46 PM
To: Tally, Holly GCPE:EX
Cc: Giles, Alison GCPE:EX; Wieringa, Paul EMPR:EX
Subject: FW: QA_Phase 2_BC Hydro Review_12 Jul 2019_138pm as
Attachments: QA_Phase 2_BC Hydro Review_12 Jul 2019_138pm as.docx

A/ADM approved

From: Wieringa, Paul EMPR:EX
Sent: July 12, 2019 4:44 PM
To: Sopinka, Amy EMPR:EX <Amy.Sopinka@gov.bc.ca>
Subject: QA_Phase 2_BC Hydro Review_12 Jul 2019_138pm as

A few changes in the document.

From: [Giles, Alison GCPE:EX](#)
To: [MacLaren, Les EMPR:EX](#)
Cc: [Sopinka, Amy EMPR:EX](#); [Grewar, Colin GCPE:EX](#); [Tally, Holly GCPE:EX](#)
Subject: FW: BCH Review
Date: July 18, 2019 3:13:38 PM

Hi Les,

We're adding one more Amy-approved Q to the QA for Phase 2 review as follows **s.22** so I said I'd forward):

Will the public get a chance to participate in the review?

In order to complete the second phase of the review in time to inform the development of BC Hydro's next Integrated Resource Plan, we are not planning any public engagement on the second phase of the review.

To provide transparency, the Ministry of Energy, Mines and Petroleum Resources, working with BC Hydro, energy industry experts with extensive experience in North American utility operation, regulation and electricity markets, and the Ministry of Environment and Climate Change Strategy will produce an interim report before the end of the year, which will be publicly available. Key Indigenous organizations and stakeholders will be asked to provide feedback on the interim report.

The final report and recommendations will also be made public.

The public will have a further opportunity to see and comment on the outcomes of the second phase of the review during the BCUC's open and transparent review of BC Hydro's Integrated Resource Plan, which will be filed in early 2021.

McRae, Meghan GCPE:EX

From: Giles, Alison GCPE:EX
Sent: July 11, 2019 3:53 PM
To: Sopinka, Amy EMPR:EX; Norris, Nancy EMPR:EX
Cc: Tally, Holly GCPE:EX; McRae, Meghan GCPE:EX
Subject: FW: 6959: Phase 2 BC Hydro Review
Attachments: BCHydro_Phase_Two_PPT_v02.potx

From: Jones, Calvin GCPE:EX
To: Giles, Alison GCPE:EX
Subject: RE: 6959: Phase 2 BC Hydro Review

Hi Alison:

Here is version two of the “Phase 2 BC Hydro Review” PowerPoint for your review. I’ve styled it with the cover of “Phase One” in mind while also hinting at the colours of the Crown agency. Let me know if this works for everyone. Hope this helps.

Cal
T: 250 356-8565

[B.C. Visual Identity Website](#)
[Graphic Design Requests](#)
[Graphics 411 Information and Resources](#)

From: [Grewar, Colin GCPE:EX](#)
To: [Karemaker, Kent GCPE:EX](#)
Subject: FYI - BCH Review Phase 2 - Final IB
Date: July 19, 2019 11:28:33 AM
Attachments: [2019EMPR0082-001488.pdf](#)
[QA_Phase 2_BC Hydro Review_Jul19_1120am_2019.docx](#)
[image003.jpg](#)

Hi Kent: FYI – The attached IB on phase 2 of the BC Hydro Review is going out today at 11:45am.
QA also attached JIC.

Colin



Colin Grewar
Senior Public Affairs Officer
Government Communications and Public Engagement
Ministry of Energy, Mines and Petroleum Resources
Phone: 250-952-0650
Colin.Grewar@gov.bc.ca

From: Grewar, Colin GCPE:EX
Sent: July 19, 2019 11:03 AM
To: Alexis, Greg
Cc: Sauer, Darwin ; Fish, Tanya ; 'Magre, Leela'
Subject: FW: Final IB

Hi Greg: Final IB on phase 2 of the BCH Review attached and below.

This is embargoed until it goes out at 11:45am today, so please do not share before that time.

The final reflects the edit suggestions you sent along on July 17th with the exception of the timeline for production of the interim report – ADM wanted us to stick with the dates we had to remain consistent with the terms of reference for the review.

Thanks,

Colin

For Immediate Release
2019EMPR0082-001488
July 19, 2019

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Contact:

Kent Karemaker

Media Relations

Ministry of Energy, Mines and Petroleum Resources

250 952-0628

Connect with the Province of B.C. at: <http://news.gov.bc.ca/connect>

Tally, Holly GCPE:EX

From: Karemaker, Kent GCPE:EX
Sent: July 23, 2019 12:20 PM
To: Sanderson, Melissa EMPR:EX; Cuddy, Andrew EMPR:EX
Cc: Giles, Alison GCPE:EX; McRae, Meghan GCPE:EX; Grewar, Colin GCPE:EX; Tally, Holly GCPE:EX
Subject: FYI: MEDIA REQUEST: BCH Review Committee Members

Hello Melissa/Andrew,

FYI on this.. Les MacLaren has approved and I will be sending to the reporter shortly.

Kent.

Reporter: Brian Lewis, Clearing Up Newsletter

Deadline: ASAP

Request: I'd like to put names to the titles of the four members of the Review Committee in a story I am preparing for the Seattle-based newsletter Clearing Up that runs next week. The members are: deputy minister of Energy, Mines and Petroleum Resources, executive chair of BC Hydro board of directors, president/chief operating officer of BC Hydro and the CEO of Powerex.

Suggested Response:

Overseeing the BC Hydro Phase 2 Review process will be a Review Committee consisting of:

- Dave Nikolejsin - Deputy Minister of Energy, Mines and Petroleum Resources
- Ken Peterson - Executive Chair of BC Hydro
- Chris O'Riley - President and Chief Operating Officer of BC Hydro
- Tom Bechard - Chief Executive Officer of Powerex

Kent Karemaker | Media Relations
Government Communications and Public Engagement
Ministry of Energy, Mines and Petroleum Resources
Office: 250-952-0628 Cell: 250-886-5400
Kent.Karemaker@gov.bc.ca

Tally, Holly GCPE:EX

From: McRae, Meghan GCPE:EX
Sent: July 19, 2019 10:31 AM
To: Sanderson, Melissa EMPR:EX; Cuddy, Andrew EMPR:EX
Cc: Grewar, Colin GCPE:EX
Subject: Hydro phase 2 IB
Attachments: DRAFT.pdf

Follow Up Flag: Follow up
Flag Status: Completed

Hi there,
Here's the final IB, going out today at 11:45 AM.

Thanks,
Meghan

McRae, Meghan GCPE:EX

From: McRae, Meghan GCPE:EX
Sent: July 19, 2019 10:31 AM
To: Sanderson, Melissa EMPR:EX; Cuddy, Andrew EMPR:EX
Cc: Grewar, Colin GCPE:EX
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McRae, Meghan GCPE:EX

From: McRae, Meghan GCPE:EX
Sent: July 19, 2019 8:49 AM
To: Sopinka, Amy EMPR:EX
Cc: Giles, Alison GCPE:EX; Grewar, Colin GCPE:EX
Subject: Re: IB release today

That's correct Amy. We'll flip you the final PDF'd version shortly if you haven't already received it.
Meghan

Sent from my iPhone

On Jul 19, 2019, at 8:46 AM, Sopinka, Amy EMPR:EX <Amy.Sopinka@gov.bc.ca> wrote:

Good morning Meghan

Just wanted to confirm that the IB for the Phase 2 Review will be released at 11:45 this morning.
Amy

INFORMATION BULLETIN

Ministry of Energy, Mines and Petroleum
Resources

[release number]

[Date]

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s.13

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Contact:

Kent Karemaker

Media Relations

Ministry of Energy, Mines and Petroleum Resources

250 952-0628

INFORMATION BULLETIN

Ministry of Energy, Mines and Petroleum
Resources

[release number]

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Contact:

Kent Karemaker

Media Relations

Ministry of Energy, Mines and Petroleum Resources

250 952-0628

McRae, Meghan GCPE:EX

From: Giles, Alison GCPE:EX
Sent: July 16, 2019 2:35 PM
To: Sanderson, Melissa EMPR:EX; Cuddy, Andrew EMPR:EX
Cc: McRae, Meghan GCPE:EX
Subject: QA_Phase 2_BC Hydro Review_16 Jul 2019_232pm (002)
Attachments: QA_Phase 2_BC Hydro Review_16 Jul 2019_232pm (002).docx

QAs for Phase 2 attached. Have inserted names of expert advisors and bios at very end of doc in event we need them.

NR scheduled to go Friday a.m. at 7:30.

**QUESTION AND ANSWERS
BC Hydro Review – Phase 2
July 12, 2019**

Ministry of Energy, Mines and Petroleum Resources

- To ensure BC Hydro is working for British Columbians today and tomorrow, government is launching the next phase of its comprehensive BC Hydro review, focussing on CleanBC electrification targets and future industry opportunities.

s.13

s.13

- We've already taken action in the first phase of our BC Hydro review to keep rates affordable and to restore independent oversight by the B.C. Utilities Commission. Now we're looking to the future to position BC Hydro for new opportunities.
- The objective of Phase 2 is to create a strategy for the benefit of British Columbians where BC Hydro will continue to provide its customers with clean energy at competitive rates through the continuing evolution of BC Hydro in response to changes in climate, consumer demand, technology and BC's commitment to reconciliation with Indigenous Nations.
- Phase 2 of the BC Hydro Review will leverage BC Hydro's strengths and focus on:
 - BC Hydro's role in supporting CleanBC and meeting the province's legislated 2030, 2040 and 2050 greenhouse gas reduction targets;
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- The Ministry of Energy, Mines and Petroleum Resources will work with BC Hydro, energy industry experts with extensive experience in North American utility operation, regulation and electricity markets, and the Ministry of Environment and Climate Change Strategy to produce an interim report before the end of the year.

- Indigenous Nations and organizations, stakeholders and the public will have the opportunity to provide feedback on the interim report.
- A final report with recommendations will be completed in early 2020.

Questions and Answers

1. You just finished a review of BC Hydro in February, why do we need another review?

We have always planned for, and publicly committed to a two-phase review of BC Hydro.

The first phase focussed on immediate solutions to keep rates affordable by identifying savings, and efficiencies at BC Hydro, and government measures to reduce BC Hydro's costs and regulatory accounts balances, and restore independent oversight by the province's energy regulator, the B.C. Utilities Commission (BCUC).

The second phase will be a broader, transformational review that will examine some of the significant changes and shifts taking place in the energy sector and will produce recommendations to strategically position BC Hydro and the Province for long-term success, including BC Hydro's role in achieving the electrification goals in the CleanBC climate plan.

Phase 2 will also complement other consultation processes by identifying new roles and opportunities for Indigenous Nations to participate in the evolving clean energy economy.

2. What are some examples of the "changes and shifts" taking place in the energy sector that you're going to address?

Some of the changes and shifts that are poised to impact BC Hydro's business in the future include:

- The growing popularity of electric vehicles, the Province's EV mandate and evolving technologies.
- The falling price of renewable energy sources such as wind and solar.
- The growth of intermittent, renewable energy sources means new opportunities are emerging to support trade in capacity resources to balance this variable electricity supply.
- Customer expectations around service and options to generate their own power or choose their energy sources.
- Technologies and utility structures are evolving.

- Low-carbon electrification supporting the transition from fossil fuels to clean electricity to reduce greenhouse gas emissions will drive demand for clean, firm electricity to power electric vehicles, space and water heating, upstream natural gas and LNG operations.
- Environmental concerns about climate change, ecosystem impacts, and air quality are pushing many other utilities to decrease their use of coal and natural gas to generate electricity and move toward renewable generation from intermittent sources like wind and solar.
- The energy intensive technology sector, including large server farms and data-mining operations, will be looking for clean, affordable, reliable electricity when deciding where to locate their operations.
- Conservation has become a priority as utilities recognize the potential to defer costly new generation and customers make efforts to reduce their bills and their environmental footprint.
- Utilities are developing new rate structures to create incentives to use power at certain times of the day or year to reduce demand during peak periods.

3. What will you be looking at in this second phase of the review?

Phase 2 of the review will:

- Identify how BC Hydro will support the Province in achieving the electrification targets set out in CleanBC and lay the groundwork for additional emission reductions to meet the Province's legislated 2030, 2040 and 2050 greenhouse gas reduction targets including additional opportunities for fuel-switching, energy efficiency and conservation.
- Integrate trends in technology, changes in electricity markets and transformative approaches used by other electric utilities (e.g. distributed generation, microgrid and digital utilities) into BC Hydro's business to benefit its ratepayers.
- Consider whether there are opportunities to enable increased participation in external energy markets and new lines of business to the benefit of BC Hydro ratepayers.
- Support B.C.'s commitment to reconciliation with Indigenous peoples by considering future opportunities or new roles for Indigenous Nations in the development, ownership or operation of electrical infrastructure or services. The review will also consider how BC Hydro currently works with communities and explore alternatives.

4. What will the review deliver?

The second phase of the BC Hydro Review will provide recommendations on how BC Hydro can build on its success in a changing energy future while supporting the climate and economic development framework set out in CleanBC and maintaining affordable rates.

The recommendations from Phase 2 will be used to support the development of BC Hydro's Integrated Resource Plan (IRP) that will be filed with the BCUC in early 2021. The IRP outlines

how BC Hydro plans to safely provide reliable, affordable, clean electricity to meet customers' needs, now and into the future.

The recommendations will also complement the consultations regarding impacts of the Standing Offer Program and potential opportunities arising from CleanBC by identifying potential electricity-sector opportunities for Indigenous Nations.

5. What role will external industry experts play?

The external industry experts will provide advice in each of the review's four areas of focus including opportunities for program and rate design, changes to BC Hydro's governance structure and regulatory framework, and other opportunities to enhance BC Hydro's financial and operational sustainability in rapidly changing energy sector while keeping rates affordable over the long run.

6. Why is the review being led internally by government and BC Hydro instead of externally by an independent investigator or panel?

The review process we have developed:

- allows for more effective use to be made of experts. Since outside experts would not be required to draft the interim and final reports or conduct consultations, more experts with diverse experience can be hired, and better use can be made of their time and expertise;
- avoids experts being asked to duplicate expertise already within government and BC Hydro while ensuring that expert advisors provide fresh eyes and a broader perspective;
- provides enough flexibility to ensure the advisory group and review committee can ask questions of the expert advisors as new information comes to light;
- helps to ensure that the review will be aligned with existing activities already underway such as CleanBC, BC Hydro's IRP and Indigenous Nations reconciliation initiatives; and.
- helps to ensure that the recommendations resulting from the report are relevant to the British Columbian context and are implementable.

7. Who are the expert advisors that will be contributing to the review process?

The Ministry is in the process of contacting experts located in B.C., Canada and the U.S. with knowledge of utility management, regulatory matters, emerging trends and technology, electricity markets, or experience with projects and/or businesses that benefit Indigenous peoples.

8. When will the public find out who the expert advisors are?

The names of the expert advisors will be included in the interim report, which will be released in December 2019.

9. How will you choose the expert advisors who will be informing the review?

The Ministry is in the process of selecting experts for the review. Ministry staff, in consultation with BC Hydro and Powerex, provided a list of suggested expert advisors to the Minister for her consideration. The Minister provided a short-list of experts based on Ministry suggestions.

10. Are the expert advisors being paid? And if so, how much?

Yes. Experts will receive payment in alignment with current market rates for consulting services. The Province will also cover expenses incurred as part of the review. Payment and expenses for each expert advisor is not expected to exceed \$25,000.

11. Are you planning on conducting a competitive, public process to identify external experts – a Request for Proposals on BC Bid for example?

The individuals we will seek as external advisers to the second phase of the review are highly specialized, highly respected experts with extensive experience in North American utility operation, regulation and electricity markets.

Due to the unique experience and subject matter expertise required of expert advisors to the review, and consistent with the Province's core policy on direct awards, we are approaching individuals directly rather than using a competitive bid process.

12. s.13 Is there s.13 Indigenous participation s.13 in the review?

Yes. We are in the process of selecting an expert with Indigenous Nations expertise. Early on in the review, expert advice will be sought to inform preliminary options for opportunities or new roles for Indigenous Nations in the development, ownership, or operation of electrical infrastructure or services.

In addition, Indigenous Nations and organizations, stakeholders and the public will have the opportunity to provide feedback on the interim report.

13. Why are staff and executives from BC Hydro so involved – it looks like they're reviewing themselves?

The review is being led by senior staff with the Ministry of Energy, Mines and Petroleum Resources and the Ministry of Environment and Climate Change Strategy and informed by input from external expert advisors.

BC Hydro involvement and expertise is essential to ensure the second phase of the review results in informed, constructive and achievable options and recommendations that will address how BC Hydro must evolve its existing structure, services and assets to ensure its long-term sustainability for the benefit of all British Columbians.

14. Why did you suspend BC Hydro's Standing Offer Program (SOP) if you're so interested in enhancing the participation of Indigenous Nations in the energy sector?

We understand that many Indigenous communities, in most cases with private power producers as partners, have been exploring or seeking energy procurement opportunities under the SOP.

However, because of the electricity surplus we inherited, and our commitment to keep BC Hydro's rates affordable, it was necessary to suspend the SOP indefinitely with the exception of electricity purchase agreements for five Indigenous-related projects which are part of impact benefit agreements with BC Hydro and/or mature projects that have significant Indigenous Nations involvement as announced March 2018.

The Province remains committed to reconciliation with Indigenous peoples of British Columbia. The Ministry of Energy, Mines and Petroleum Resources is engaging with Indigenous Nations and organizations to discuss the extent to which the indefinite suspension of the Standing Offer Program may affect the economic interests of individual Indigenous Nations, and to explore opportunities to mitigate these impacts, where they exist.

Emerging opportunities for this conversation include clean energy sector opportunities under the CleanBC plan.

15. s.13 is Site C to be reviewed again? s.13

The Site C project was reviewed extensively by the BCUC and government over a four-month period in late 2017.

The Site C review was informed by BC Hydro, technical experts, a broad range of stakeholders, hundreds of members of the public, and Indigenous Nations.

That review resulted in a new Site C budget and improved oversight of the project, including a Project Assurance Board that is providing enhanced oversight to future contract procurement

and management, project deliverables, environmental integrity, and quality assurance – all within the mandate of delivering the project on time and budget.

Now, we're focusing on the future and positioning BC Hydro and the Province for long-term success including BC Hydro's role in achieving the electrification goals in the CleanBC plan and new opportunities for Indigenous Nations in the evolving clean energy economy.

That said, clearly, the capacity and energy produced by Site C, and the costs of the project will have a major impact on BC Hydro's long-term future and will be factored into the review.

16. How much is this two-phased review going to cost?

The first phase of the review was conducted internally, with no incremental costs to taxpayers or BC Hydro's customers.

We anticipate the second phase of the BC Hydro review could cost approximately \$500,000, including costs associated with the expert advisors and engagement with Indigenous Nations and organizations, stakeholders, and the public.

From: [Giles, Alison GCPE:EX](#)
To: [Sanderson, Melissa EMPR:EX](#); [Cuddy, Andrew EMPR:EX](#)
Cc: [McRae, Meghan GCPE:EX](#)
Subject: QA_Phase 2_BC Hydro Review_16 Jul 2019_232pm (002)
Date: July 16, 2019 2:34:00 PM
Attachments: [QA_Phase 2_BC Hydro Review_16 Jul 2019_232pm \(002\).docx](#)

QAs for Phase 2 attached. Have inserted names of expert advisors and bios at very end of doc in event we need them.

NR scheduled to go Friday a.m. at 7:30.

QUESTION AND ANSWERS
BC Hydro Review – Phase 2
July 19, 2019

Ministry of Energy, Mines and Petroleum Resources

- To ensure BC Hydro is working for British Columbians, government is launching phase two of the BC Hydro review, focussing on CleanBC electrification targets, new technologies, new roles for Indigenous Nations and examining future market opportunities.
- We've already taken action in the first phase of our BC Hydro review to keep rates affordable and to restore independent oversight by the B.C. Utilities Commission. Now we're looking to the future to position BC Hydro for new opportunities.
- The objective of Phase 2 is to create a strategy for the benefit of British Columbians where BC Hydro will continue to provide its customers with clean energy at competitive rates through the continuing evolution of BC Hydro in response to changes in climate, consumer demand, technology and BC's commitment to reconciliation with Indigenous Nations.
- Phase 2 of the BC Hydro Review will leverage BC Hydro's strengths and focus on:
 - BC Hydro's role in supporting CleanBC and meeting the province's legislated 2030, 2040 and 2050 greenhouse gas reduction targets;
 - future opportunities or new roles for Indigenous Nations and for communities in the energy sector;
 - integrating new technologies and electricity market trends into BC Hydro's structure, services and assets while keeping rates affordable; and
 - new opportunities for BC Hydro to expand its business in markets outside B.C. to the benefit of ratepayers.
- The Ministry of Energy, Mines and Petroleum Resources will work with BC Hydro, energy industry experts with extensive experience in North American utility operation, regulation and electricity markets, and the Ministry of Environment and Climate Change Strategy to produce an interim report before the end of the year.
- Indigenous Nations and organizations, and stakeholders will have the opportunity to provide feedback on the interim report.
- A final report with recommendations will be completed in early 2020.

Questions and Answers

1. You just finished a review of BC Hydro in February, why do we need another review?

We have always planned for, and publicly committed to a two-phase review of BC Hydro.

The first phase focussed on immediate solutions to keep rates affordable by identifying savings, and efficiencies at BC Hydro, and government measures to reduce BC Hydro's costs and regulatory accounts balances, and restore independent oversight by the province's energy regulator, the B.C Utilities Commission (BCUC).

The second phase will be a broader, transformational review that will examine some of the significant changes and shifts taking place in the energy sector and will produce recommendations to strategically position BC Hydro and the Province for long-term success, including BC Hydro's role in achieving the electrification goals in the CleanBC climate plan.

Phase 2 will also complement other consultation processes by identifying new roles and opportunities for Indigenous Nations to participate in the evolving clean energy economy.

2. What are some examples of the “changes and shifts” taking place in the energy sector that you’re going to address?

Some of the changes and shifts that are poised to impact BC Hydro's business in the future include:

- The growing popularity of electric vehicles, the Province's EV mandate and evolving technologies.
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The names of the expert advisors will be included in the interim report, which will be released by early before the end of the year.

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14. Will the public get a chance to participate in the review?

In order to complete the second phase of the review in time to inform the development of BC Hydro's next Integrated Resource Plan, we are not planning any public engagement on the second phase of the review.

To provide transparency, the Ministry of Energy, Mines and Petroleum Resources, working with BC Hydro, energy industry experts with extensive experience in North American utility operation, regulation and electricity markets, and the Ministry of Environment and Climate Change Strategy, will produce an interim report before the end of the year, which will be publicly available. Key Indigenous organizations and stakeholders will be asked to provide feedback on the interim report.

The final report and recommendations will also be made public.

The public will have a further opportunity to see and comment on the outcomes of the second phase of the review during the BCUC's open and transparent review of BC Hydro's Integrated Resource Plan, which will be filed in early 2021.

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The first phase of the review was conducted internally, with no incremental costs to taxpayers or BC Hydro's customers.

We anticipate the second phase of the BC Hydro review could cost approximately \$500,000, including costs associated with the expert advisors and engagement with Indigenous Nations and organizations, stakeholders, and the public.

Comprehensive Review of BC Hydro – Phase 2

Biographies of Expert Advisors

(The following have confirmed participation as of July 17, 2019)

David Bibby

David Bibby has over 25 years of experience in strategic technology leadership within growth-oriented global organizations. He has been the Head of Global Digital Services at Finning International since January 2016. Prior to this, he held positions as the Vice President, Information Technology, at Vancity Savings and the Senior Vice President of Technology at Canaccord Genuity Corporation.

Gwenne Farrell

Gwenne Farrell worked as a Vice-President of MoveUp from May 2005 until November 2018. Prior to that she worked as a Financial Analyst with BC Hydro. In the spring of 2007, Gwenne was also elected to the office of Secretary-Treasurer of Canadian Office and Professional Employees Union (COPE), Local 378's National Union.

Mark Jaccard

Mark Jaccard has been a professor since 1986 in the School of Resource and Environmental Management at Vancouver's Simon Fraser University. From 1992 to 1997 he served as Chair and Chief Executive Officer of the B.C. Utilities Commission. He has published over 100 academic papers, most of these related to his principal research focus: the design and application of energy-economy models that assess the effectiveness of sustainable energy and climate policies.

Stephen Koch

Stephen Koch is the Director of Emerging Issues at the Canadian Electricity Association (CEA), the National Voice of Electricity in Canada. As Director of the National Emerging Issues Committee, Stephen works with senior CEA members and industry experts to identify, predict, and prepare for technological innovations and potentially disruptive market changes across the energy sector. Stephen was previously President of the Oil Heat Association, Executive Director of NAIMA Canada and held other leadership roles which included Chairperson of Envirocentre.

Caitlin Liotiris

Caitlin Liotiris has expertise in electricity market development, regional transmission planning and policy, and energy procurement arenas. Her work includes advocacy at regional forums, performing market and regulatory evaluations, and facilitating the incorporation of new policies and market structures into modeling tools. She is a Principal at Energy Strategies.

Liisa O'Hara

After a lengthy career as an executive in the energy transportation business, Liisa O'Hara served as Commissioner to the B.C. Utilities Commission (BCUC) for 10 years. As BCUC Commissioner, Liisa participated in oversight of the Province's natural gas and electricity utilities, the regulation of rates, and the development of new facilities. As Commissioner, she also developed a strong interest in clean energy solutions.

Blake Shaffer

Blake Shaffer has extensive experience in the energy sector, with a specific focus on electricity markets. Blake's 15-year career has taken him from the trading arm of BC Hydro, to Lehman Brothers and Barclays Capital in New York as a senior energy trader, and Director of Energy Trading at Transalta Corporation in Calgary, Alberta. He is currently an Adjunct Assistant Professor at the University of Calgary, Department of Economics.

Dan Woynillowicz

Dan Woynillowicz is an accomplished non-profit leader working to identify and implement climate solutions. An experienced analyst, strategist and advocate, he has significant knowledge and experience in the fields of energy and environmental policy. He joined Clean Energy Canada in December 2012 as Policy Director.

Tally, Holly GCPE:EX

From: Sopinka, Amy EMPR:EX
Sent: July 18, 2019 3:11 PM
To: Grewar, Colin GCPE:EX
Cc: Giles, Alison GCPE:EX; McRae, Meghan GCPE:EX; Tally, Holly GCPE:EX
Subject: RE: BCH Review

Follow Up Flag: Follow up
Flag Status: Completed

Works for me –

A

From: Grewar, Colin GCPE:EX
Sent: July 18, 2019 1:56 PM
To: Sopinka, Amy EMPR:EX
Cc: Giles, Alison GCPE:EX ; McRae, Meghan GCPE:EX ; Tally, Holly GCPE:EX
Subject: FW: BCH Review

Hi Amy: As discussed, on direction from the MO we have removed the reference in the IB to “public” as related to feedback on the interim report (para 4 as attached). As such, we wanted to insert another question into the QA. Could you please review the following:

Will the public get a chance to participate in the review?

In order to complete the second phase of the review in time to inform the development of BC Hydro’s next Integrated Resource Plan, we are not planning any public engagement on the second phase of the review.

To provide transparency, the Ministry of Energy, Mines and Petroleum Resources, working with BC Hydro, energy industry experts with extensive experience in North American utility operation, regulation and electricity markets, and the Ministry of Environment and Climate Change Strategy will produce an interim report before the end of the year, which will be publicly available. Key Indigenous organizations and stakeholders will be asked to provide feedback on the interim report.

The final report and recommendations will also be made public.

The public will have a further opportunity to see and comment on the outcomes of the second phase of the review during the BCUC’s open and transparent review of BC Hydro’s Integrated Resource Plan, which will be filed in early 2021.



Colin Grewar
Senior Public Affairs Officer
Government Communications and Public Engagement
Ministry of Energy, Mines and Petroleum Resources
Phone: 250-952-0650
Colin.Grewar@gov.bc.ca

Tally, Holly GCPE:EX

From: Grewar, Colin GCPE:EX
Sent: July 23, 2019 9:58 AM
To: Norris, Nancy EMPR:EX; Sopinka, Amy EMPR:EX
Cc: Tally, Holly GCPE:EX
Subject: RE: dead link: old BC Hydro Review webpage - ISSUE RESOLVED

Great. Glad to hear Nancy.

Colin



Colin Grewar
Senior Public Affairs Officer
Government Communications and Public Engagement
Ministry of Energy, Mines and Petroleum Resources
Phone: 250-952-0650
Colin.Grewar@gov.bc.ca

From: Norris, Nancy EMPR:EX
Sent: July 23, 2019 9:45 AM
To: Grewar, Colin GCPE:EX ; Sopinka, Amy EMPR:EX
Subject: RE: dead link: old BC Hydro Review webpage - ISSUE RESOLVED

Hi Colin,

I did a google search this morning for "BC Hydro Review" and all the links worked. I wanted to thank you for looking into the issue!

Thanks,

Nancy

From: Norris, Nancy EMPR:EX
Sent: July 22, 2019 10:50 AM
To: Grewar, Colin GCPE:EX <Colin.Grewar@gov.bc.ca>
Subject: RE: dead link: old BC Hydro Review webpage

Thank you 😊

From: Grewar, Colin GCPE:EX
Sent: July 22, 2019 10:49 AM
To: Norris, Nancy EMPR:EX <Nancy.Norris@gov.bc.ca>
Subject: RE: dead link: old BC Hydro Review webpage

Hi Nancy: We're checking into this with our digital shop. Will let you know.

Colin



Colin Grewar
Senior Public Affairs Officer
Government Communications and Public Engagement
Ministry of Energy, Mines and Petroleum Resources
Phone: 250-952-0650
Colin.Grewar@gov.bc.ca

From: Norris, Nancy EMPR:EX
Sent: July 22, 2019 9:09 AM
To: Grewar, Colin GCPE:EX <Colin.Grewar@gov.bc.ca>
Subject: dead link: old BC Hydro Review webpage

Hi Colin,

When I google "BC Hydro Review", the first couple of hits that are listed (see below) direct me to this link:
<https://www2.gov.bc.ca/gov/content/industry/electricity-alternative-energy/electricity/bc-hydro-review>

As that link is now dead, I get an error message when I click on it. I'm wondering if there's a way to set things up so the old BC Hydro Review webpage forwards to the new one (i.e. <https://www2.gov.bc.ca/gov/content/industry/electricity-alternative-energy/electricity/bc-hydro-review-phase-2>).

Is this something I should be pursuing? I'm not sure about the protocol on this.

Thanks in advance for your input.

Nancy

Google

bc hydro review



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About 11,200,000 results (0.62 seconds)

The first phase of the **review** is now complete. Government has worked with **BC Hydro** to identify cost savings, efficiencies, new revenue streams and other changes to keep electricity rates low, while ensuring sound regulatory and financial oversight of **BC Hydro** and enabling implementation of government policy priorities.

Comprehensive Review of BC Hydro - Province of British Columbia

<https://www2.gov.bc.ca/gov/content/industry/electricity-alternative.../bc-hydro-review>

About this result Feedback

Comprehensive Review of BC Hydro - Province of British Columbia

<https://www2.gov.bc.ca/gov/content/industry/electricity-alternative.../bc-hydro-review>

Tally, Holly GCPE:EX

From: Grewar, Colin GCPE:EX
Sent: July 22, 2019 2:21 PM
To: Thind, Herman GCPE:EX
Cc: Tally, Holly GCPE:EX
Subject: RE: dead link: old BC Hydro Review webpage

Thanks very Herman. We'll consider next steps and let you know.

Colin



Colin Grewar
Senior Public Affairs Officer
Government Communications and Public Engagement
Ministry of Energy, Mines and Petroleum Resources
Phone: 250-952-0650
Colin.Grewar@gov.bc.ca

From: Thind, Herman GCPE:EX
Sent: July 22, 2019 12:23 PM
To: Grewar, Colin GCPE:EX
Cc: Tally, Holly GCPE:EX
Subject: Re: dead link: old BC Hydro Review webpage

Hi folks,

I think I understand what is going on here.

When we make changes to these webpages to update the 'Featured Topics' sections, we only make changes to that specific page information within CMS Lite (our content management software). The Google searches done by end-users simply look for the 'best fit' of sites that match the search terms entered into the Google search criteria. That search result is also reinforced by Google's index of previous searches for similar or the same terms. Unfortunately, even after a page is deleted, Google's algorithm retains the 'memory' of the original page in a cache. This results in people searching to keep finding the link to the old .pdf document, rather than the new one – at least until enough links and searches bring people to the new one.

There are probably a couple of ways around this:

- We could potentially have the development team responsible for creating those pages simply have a link pointing to the new one. Better yet, the team that created the page could simply have it automatically point to the new page through server settings, rather than have people even land on the old page (simply redirect the URL of the old page to the new one). I'm not sure who created that page for you guys, but I'm guessing it's GDX?
- Or, we could modify the title of the new page to better reflect the naming of the old page, and hope that Google's search finds that one, based on the search terms referenced.

Google's search is a pretty finicky thing, and it may still index the old cached pages for a bit, depending on what the end user searches, but these solutions should work.

I think the best bet, for a quick solution at this point, is have the folks over at GDX (who created these pages) make the old page 'live' again, and modifying the content to just point a link to the new page, or better yet they should also be able to do a forced redirect from that URL to the new one. But that request would have to go over to the page design folks. Over here are the Digital Team we just have the ability to edit some of these pages as a side task to our normal duties.

I hope that helps?

Thanks!

From: "Grewar, Colin GCPE:EX" <Colin.Grewar@gov.bc.ca>
Date: Monday, July 22, 2019 at 10:44 AM
To: "Thind, Herman GCPE:EX" <Herman.Thind@gov.bc.ca>
Cc: "Tally, Holly GCPE:EX" <Holly.Tally@gov.bc.ca>
Subject: RE: dead link: old BC Hydro Review webpage

Much appreciated. Thanks Herman.

No rush.

Colin



Colin Grewar
Senior Public Affairs Officer
Government Communications and Public Engagement
Ministry of Energy, Mines and Petroleum Resources
Phone: 250-952-0650
Colin.Grewar@gov.bc.ca

From: Thind, Herman GCPE:EX
Sent: July 22, 2019 10:22 AM
To: Grewar, Colin GCPE:EX <Colin.Grewar@gov.bc.ca>
Cc: Tally, Holly GCPE:EX <Holly.Tally@gov.bc.ca>
Subject: Re: dead link: old BC Hydro Review webpage

Hi folks,

Let me look at the page back end, and see if any of the new changes pushed broke something.

I'll let you know when I find something. Just have to finish up with my meeting, and a couple of follow-up items, and I'll have a look asap.

Thanks.

From: "Grewar, Colin GCPE:EX" <Colin.Grewar@gov.bc.ca>
Date: Monday, July 22, 2019 at 10:17 AM
To: "Thind, Herman GCPE:EX" <Herman.Thind@gov.bc.ca>
Cc: "Tally, Holly GCPE:EX" <Holly.Tally@gov.bc.ca>
Subject: FW: dead link: old BC Hydro Review webpage

Hi Herman: Seeking your guidance on the request below from our program area here at MEMPR as you worked with Holly in our shop to update the cover page of the MEMPR website.

As you know, our program area updated the BC Hydro Review webpage to reflect the start of phase 2 of the review and in the process, changed the url, which has led to the problem identified below and the highlighted question.

Anything you could advise would be greatly appreciated.

Thanks,
Colin



Colin Grewar
Senior Public Affairs Officer
Government Communications and Public Engagement
Ministry of Energy, Mines and Petroleum Resources
Phone: 250-952-0650
Colin.Grewar@gov.bc.ca

From: Norris, Nancy EMPR:EX
Sent: July 22, 2019 9:09 AM
To: Grewar, Colin GCPE:EX <Colin.Grewar@gov.bc.ca>
Subject: dead link: old BC Hydro Review webpage

Hi Colin,

When I google "BC Hydro Review", the first couple of hits that are listed (see below) direct me to this link:
<https://www2.gov.bc.ca/gov/content/industry/electricity-alternative-energy/electricity/bc-hydro-review>

As that link is now dead, I get an error message when I click on it. I'm wondering if there's a way to set things up so the old BC Hydro Review webpage forwards to the new one (i.e. <https://www2.gov.bc.ca/gov/content/industry/electricity-alternative-energy/electricity/bc-hydro-review-phase-2>).

Is this something I should be pursuing? I'm not sure about the protocol on this.

Thanks in advance for your input.

Nancy

Google

bc hydro review



All

News

Images

Videos

Shopping

More

Settings

Tools

About 11,200,000 results (0.62 seconds)

The first phase of the **review** is now complete. Government has worked with **BC Hydro** to identify cost savings, efficiencies, new revenue streams and other changes to keep electricity rates low, while ensuring sound regulatory and financial oversight of **BC Hydro** and enabling implementation of government policy priorities.

Comprehensive Review of BC Hydro - Province of British Columbia

<https://www2.gov.bc.ca/gov/content/industry/electricity-alternative.../bc-hydro-review>

About this result

Feedback

Comprehensive Review of BC Hydro - Province of British Columbia

<https://www2.gov.bc.ca/gov/content/industry/electricity-alternative.../bc-hydro-review>

Tally, Holly GCPE:EX

From: Grewar, Colin GCPE:EX
Sent: July 19, 2019 12:51 PM
To: Stagg, Linda R GCPE:EX
Cc: Tally, Holly GCPE:EX
Subject: RE: Done! Approved and the Final - EMPR IB - Next phase of BC Hydro review to focus on climate goals, new opportunities

Great! Thanks again Linda and have a great weekend!

Colin

Colin Grewar
Senior Public Affairs Officer
Government Communications and Public Engagement Ministry of Energy, Mines and Petroleum Resources
Phone: 250-952-0650
Colin.Grewar@gov.bc.ca

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

From: Stagg, Linda R GCPE:EX
Sent: July 19, 2019 12:47 PM
To: Grewar, Colin GCPE:EX <Colin.Grewar@gov.bc.ca>
Cc: Tally, Holly GCPE:EX <Holly.Tally@gov.bc.ca>
Subject: RE: Done! Approved and the Final - EMPR IB - Next phase of BC Hydro review to focus on climate goals, new opportunities

As you wish!

Linda Stagg
Senior Editor, Editorial Services
Government Communications and Public Engagement
250 387-4534 | Mobile: 250 882-8673

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

From: Grewar, Colin GCPE:EX
Sent: July 19, 2019 12:33 PM
To: Stagg, Linda R GCPE:EX <Linda.Stagg@gov.bc.ca>
Cc: Tally, Holly GCPE:EX <Holly.Tally@gov.bc.ca>
Subject: FW: Approved and the Final - EMPR IB - Next phase of BC Hydro review to focus on climate goals, new opportunities

Hi Linda: Are you able to change the url in the link at the bottom of this IB as it appears on the web to:

<https://www2.gov.bc.ca/gov/content/industry/electricity-alternative-energy/electricity/bc-hydro-review-phase-2>

Many thanks,
Colin

Colin Grewar
Senior Public Affairs Officer
Government Communications and Public Engagement Ministry of Energy, Mines and Petroleum Resources
Phone: 250-952-0650
Colin.Grewar@gov.bc.ca

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

From: Stagg, Linda R GCPE:EX
Sent: July 19, 2019 10:17 AM
To: Grewar, Colin GCPE:EX <Colin.Grewar@gov.bc.ca>
Cc: McRae, Meghan GCPE:EX <Meghan.McRae@gov.bc.ca>; Tally, Holly GCPE:EX <Holly.Tally@gov.bc.ca>; McKill, Colin GCPE:EX <Colin.McKill@gov.bc.ca>; Fort, Oriane GCPE:EX <Oriane.Fort@gov.bc.ca>
Subject: FW: Approved and the Final - EMPR IB - Next phase of BC Hydro review to focus on climate goals, new opportunities

Thank you, Colin.

Here is your Final.

We'll get it all set to go this morning at 11:45 -

Provincewide, plus the Business/Industry, Energy and Indigenous lists.

Linda Stagg
Senior Editor, Editorial Services
Government Communications and Public Engagement
250 387-4534 | Mobile: 250 882-8673

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

From: Stagg, Linda R GCPE:EX <Linda.Stagg@gov.bc.ca>
Sent: July 19, 2019 10:14 AM
To: Stagg, Linda R GCPE:EX <Linda.Stagg@gov.bc.ca>
Subject: Next phase of BC Hydro review to focus on climate goals, new opportunities

Please refer to the files attached to this email. The following is the summary of the News Release

Permalink: <https://news.gov.bc.ca/20282>

News ID: NEWS-20282
NR Number: 2019EMPR0082-001488
NR Type: Information Bulletin
State: Planned
Planned Release Date: July 19, 2019 at 11:45 am Media Distribution Lists: 000.0 - Victoria, BUSIN_BUSINESS, ENERG, ETHID_INDIGENOUS, ETHALL_ALL ETHNIC, LEGIS_PRESS GALLERY, LMain, MEDIA, MMVAN_MMVAN, PROVI_PROVINCE
WIDE Lead Organization: Ministry of Energy, Mines and Petroleum Resources
Headline: Next phase of BC Hydro review to focus on climate goals, new opportunities

This email was auto-generated.

For Immediate Release
2019EMPR0082-001488
July 19, 2019

Ministry of Energy, Mines and Petroleum Resources

INFORMATION BULLETIN

Next phase of BC Hydro review to focus on climate goals, new opportunities

VICTORIA - To ensure BC Hydro is working for British Columbians, government is launching Phase 2 of the BC Hydro review, focusing on CleanBC electrification targets, new technologies, new roles for Indigenous Nations and examining future market opportunities.

Phase 2 of the BC Hydro review will leverage BC Hydro's strengths and focus on:

- * BC Hydro's role in supporting CleanBC and meeting British Columbia's legislated 2030, 2040 and 2050 greenhouse gas reduction targets;
- * future opportunities or new roles for Indigenous Nations and for communities in the energy sector;
- * integrating new technologies and electricity market trends into BC Hydro's structure, services and assets while keeping rates affordable; and
- * new opportunities for BC Hydro to expand its business in markets outside B.C. for the benefit of ratepayers.

The Ministry of Energy, Mines and Petroleum Resources will work with energy industry experts with extensive experience in North American utility operation, regulation and electricity markets, BC Hydro and the Ministry of Environment and Climate Change Strategy to produce an interim report before the end of this year.

Indigenous peoples and organizations, and stakeholders will have the opportunity to provide feedback on the interim report.

A final report with recommendations will be completed in early 2020.

CleanBC is a pathway to a more prosperous, balanced and sustainable future. CleanBC was developed in collaboration with the BC Green Party caucus, and supports the commitment in the Confidence and Supply Agreement to implement climate action to meet B.C.'s emission targets.

Quick Facts:

- * About 98% of BC Hydro's electricity generation comes from clean and renewable resources.
- * In December 2018, government released its CleanBC plan.
- * To achieve greenhouse gas reduction targets, the plan calls for increasing the use of B.C.'s renewable hydroelectricity and shifting away from a reliance on fossil fuels for transportation, industry and buildings.
- * In February 2019, government announced the results of Phase 1 of the BC Hydro review, including:

* a new rate forecast that, subject to final approval from the B.C. Utilities Commission (BCUC), will limit bill increases to 1.8% in 2019 and 0.7% in 2020, and keep cumulative increases 20% below the forecast rate of B.C. inflation for the next five years; and

* regulatory and legislative changes to enhance the BCUC's power to make decisions on rate increases, deferral accounts and capital projects, as well as other decisions that affect British Columbians.

* Phase 2 of the BC Hydro review will support BC Hydro's development of its Integrated Resource Plan (IRP) to be filed with the BCUC in early 2021. The IRP outlines how BC Hydro plans to safely provide reliable, affordable, clean electricity to meet customers' needs now and into the future.

Learn More:

To view the terms of reference for Phase 2 of the BC Hydro review, visit:

<https://www2.gov.bc.ca/gov/content/industry/electricity-alternative-energy/electricity/bc-hydro-review>

Contact:

Kent Karemaker
Media Relations
Ministry of Energy, Mines and Petroleum Resources
250 952-0628

Connect with the Province of B.C. at: <http://news.gov.bc.ca/connect>

Tally, Holly GCPE:EX

From: Tally, Holly GCPE:EX
Sent: July 19, 2019 2:35 PM
To: Sopinka, Amy EMPR:EX
Cc: Norris, Nancy EMPR:EX; Grewar, Colin GCPE:EX; Wingfield, Irene EMPR:EX; McRae, Meghan GCPE:EX
Subject: RE: EMPR/EAED link to Phase 2

Yup!

From: Sopinka, Amy EMPR:EX
Sent: July 19, 2019 2:34 PM
To: Tally, Holly GCPE:EX
Cc: Norris, Nancy EMPR:EX ; Grewar, Colin GCPE:EX ; Wingfield, Irene EMPR:EX ; McRae, Meghan GCPE:EX
Subject: Re: EMPR/EAED link to Phase 2

Was that all fixed?

A

Amy Sopinka
Director, Transmission and Interjurisdictional Branch
P: 778-698-7280
M: 250-888-5183

On Jul 19, 2019, at 12:42 PM, Tally, Holly GCPE:EX <Holly.Tally@gov.bc.ca> wrote:

Hi Nancy,

Colin is already in touch with the editors to get that changed!

From: Norris, Nancy EMPR:EX
Sent: July 19, 2019 12:42 PM
To: Tally, Holly GCPE:EX <Holly.Tally@gov.bc.ca>; Grewar, Colin GCPE:EX <Colin.Grewar@gov.bc.ca>; Sopinka, Amy EMPR:EX <Amy.Sopinka@gov.bc.ca>; Wingfield, Irene EMPR:EX <Irene.Wingfield@gov.bc.ca>
Cc: McRae, Meghan GCPE:EX <Meghan.McRae@gov.bc.ca>
Subject: RE: EMPR/EAED link to Phase 2

Hi Holly,

The link at the bottom of this page also needs to be updated:
<https://news.gov.bc.ca/releases/2019EMPR0082-001488>

Here is the correct link: <https://www2.gov.bc.ca/gov/content/industry/electricity-alternative-energy/electricity/bc-hydro-review-phase-2>

Thanks!

Nancy

From: Norris, Nancy EMPR:EX
Sent: July 19, 2019 12:12 PM
To: Tally, Holly GCPE:EX <Holly.Tally@gov.bc.ca>; Grewar, Colin GCPE:EX <Colin.Grewar@gov.bc.ca>; Sopinka, Amy EMPR:EX <Amy.Sopinka@gov.bc.ca>; Wingfield, Irene EMPR:EX <Irene.Wingfield@gov.bc.ca>
Cc: McRae, Meghan GCPE:EX <Meghan.McRae@gov.bc.ca>
Subject: RE: EMPR/EAED link to Phase 2

Thanks Holly. Please let me know this change needs to be made ASAP.

Here is the correct link: <https://www2.gov.bc.ca/gov/content/industry/electricity-alternative-energy/electricity/bc-hydro-review-phase-2>

From: Tally, Holly GCPE:EX
Sent: July 19, 2019 11:53 AM
To: Norris, Nancy EMPR:EX <Nancy.Norris@gov.bc.ca>; Grewar, Colin GCPE:EX <Colin.Grewar@gov.bc.ca>; Sopinka, Amy EMPR:EX <Amy.Sopinka@gov.bc.ca>; Wingfield, Irene EMPR:EX <Irene.Wingfield@gov.bc.ca>
Cc: McRae, Meghan GCPE:EX <Meghan.McRae@gov.bc.ca>
Subject: RE: EMPR/EAED link to Phase 2

Hi,

I've asked Herman to make that change.

Thanks,
Holly

From: Norris, Nancy EMPR:EX
Sent: July 19, 2019 11:50 AM
To: Grewar, Colin GCPE:EX <Colin.Grewar@gov.bc.ca>; Sopinka, Amy EMPR:EX <Amy.Sopinka@gov.bc.ca>; Wingfield, Irene EMPR:EX <Irene.Wingfield@gov.bc.ca>
Cc: McRae, Meghan GCPE:EX <Meghan.McRae@gov.bc.ca>; Tally, Holly GCPE:EX <Holly.Tally@gov.bc.ca>
Subject: EMPR/EAED link to Phase 2

Hi all,

The Featured Topics paragraph on Phase 2 on the EMPR homepage currently links to the Phase 1 page on the EAED site. Could you please change this so it links to the Phase 2 page on the EAED site.

Thanks

Nancy

Tally, Holly GCPE:EX

From: Grewar, Colin GCPE:EX
Sent: July 19, 2019 10:13 AM
To: Stagg, Linda R GCPE:EX
Cc: McRae, Meghan GCPE:EX; Tally, Holly GCPE:EX
Subject: RE: For Final edits/Approval - EMPR IB - DRAFT: Next phase of BC Hydro review to focus on climate goals, new opportunities
Attachments: DRAFT.pdf
Follow Up Flag: Follow up
Flag Status: Completed

Hi Linda: This is good to go - now scheduled for 11:45am today as I'm sure you know.

Thanks for your help,
Colin

Colin Grewar
Senior Public Affairs Officer
Government Communications and Public Engagement Ministry of Energy, Mines and Petroleum Resources
Phone: 250-952-0650
Colin.Grewar@gov.bc.ca

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

From: Stagg, Linda R GCPE:EX
Sent: July 18, 2019 2:38 PM
To: Grewar, Colin GCPE:EX <Colin.Grewar@gov.bc.ca>
Subject: RE: For Final edits/Approval - EMPR IB - DRAFT: Next phase of BC Hydro review to focus on climate goals, new opportunities

Thanks - your editors are standing by!

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

From: Grewar, Colin GCPE:EX
Sent: July 18, 2019 2:27 PM
To: Stagg, Linda R GCPE:EX <Linda.Stagg@gov.bc.ca>
Cc: Giles, Alison GCPE:EX <Alison.Giles@gov.bc.ca>; McRae, Meghan GCPE:EX <Meghan.McRae@gov.bc.ca>; Tally, Holly GCPE:EX <Holly.Tally@gov.bc.ca>; McKill, Colin GCPE:EX <Colin.McKill@gov.bc.ca>; Fort, Oriane GCPE:EX <Oriane.Fort@gov.bc.ca>
Subject: RE: For Final edits/Approval - EMPR IB - DRAFT: Next phase of BC Hydro review to focus on climate goals, new opportunities

Thanks Linda: We consulted with our colleagues over at MIRR and based on their feedback we will stick with the language in the current draft as below and attached.

Will provide final approval as soon as we can once we hear from our MO.

Thanks again,
Colin

Colin Grewar
Senior Public Affairs Officer
Government Communications and Public Engagement Ministry of Energy, Mines and Petroleum Resources
Phone: 250-952-0650
Colin.Grewar@gov.bc.ca

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

From: Stagg, Linda R GCPE:EX
Sent: July 18, 2019 1:56 PM
To: Grewar, Colin GCPE:EX <Colin.Grewar@gov.bc.ca>
Cc: Giles, Alison GCPE:EX <Alison.Giles@gov.bc.ca>; McRae, Meghan GCPE:EX <Meghan.McRae@gov.bc.ca>; Tally, Holly GCPE:EX <Holly.Tally@gov.bc.ca>; McKill, Colin GCPE:EX <Colin.McKill@gov.bc.ca>; Fort, Oriane GCPE:EX <Oriane.Fort@gov.bc.ca>
Subject: FW: For Final edits/Approval - EMPR IB - DRAFT: Next phase of BC Hydro review to focus on climate goals, new opportunities

Hi, Colin and Everyone -

Back to you for review. - Then to go at 7:30 in the ayem.
Going provincewide, plus the business/industry and energy lists, the Indigenous list.

Thanks for getting us on the right track with "Indigenous Nations."

Could we ask about perhaps re-working this sentence - Indigenous peoples and organizations, and stakeholders will have the opportunity to provide feedback on the interim report.

What about "Indigenous Nations and Indigenous organizations, as well as other stakeholders, will have ..."

Your thoughts?

Linda Stagg
Senior Editor, Editorial Services
Government Communications and Public Engagement
250 387-4534

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

From: Stagg, Linda R GCPE:EX <Linda.Stagg@gov.bc.ca>
Sent: July 18, 2019 1:50 PM
To: Stagg, Linda R GCPE:EX <Linda.Stagg@gov.bc.ca>
Subject: DRAFT: Next phase of BC Hydro review to focus on climate goals, new opportunities

Please refer to the files attached to this email. The following is the summary of the News Release

NR Number: Not Approved

NR Type: Information Bulletin

State: Planned

Planned Release Date: July 19, 2019 at 7:30 am Media Distribution Lists: 000.0 - Victoria, BUSIN_BUSINESS, ENERG, ETHID_INDIGENOUS, ETHALL_ALL ETHNIC, LEGIS_PRESS GALLERY, LMain, MEDIA, MMVAN_MMVAN, PROVI_PROVINCE WIDE No Lead Organization

Headline: Next phase of BC Hydro review to focus on climate goals, new opportunities

This email was auto-generated.

Not Approved

July 19, 2019

Ministry of Energy, Mines and Petroleum Resources

INFORMATION BULLETIN

Next phase of BC Hydro review to focus on climate goals, new opportunities

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Indigenous peoples and organizations, and stakeholders will have the opportunity to provide feedback on the interim report.

A final report with recommendations will be completed in early 2020.

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Quick Facts:

- * About 98% of BC Hydro's electricity generation comes from clean and renewable resources.

- * In December 2018, government released its CleanBC plan.
- * To achieve greenhouse gas reduction targets, the plan calls for increasing the use of B.C.'s renewable hydroelectricity and shifting away from a reliance on fossil fuels for transportation, industry and buildings.
- * In February 2019, government announced the results of Phase 1 of the BC Hydro review, including:
 - * a new rate forecast that, subject to final approval from the B.C. Utilities Commission (BCUC), will limit bill increases to 1.8% in 2019 and 0.7% in 2020, and keep cumulative increases 20% below the forecast rate of B.C. inflation for the next five years; and
 - * regulatory and legislative changes to enhance the BCUC's power to make decisions on rate increases, deferral accounts and capital projects, as well as other decisions that affect British Columbians.
- * Phase 2 of the BC Hydro review will support BC Hydro's development of its Integrated Resource Plan (IRP) to be filed with the BCUC in early 2021. The IRP outlines how BC Hydro plans to safely provide reliable, affordable, clean electricity to meet customers' needs now and into the future.

Learn More:

To view the terms of reference for Phase 2 of the BC Hydro review, visit:
<https://www2.gov.bc.ca/gov/content/industry/electricity-alternative-energy/electricity/bc-hydro-review>

Contact:

Kent Karemaker
Media Relations
Ministry of Energy, Mines and Petroleum Resources
250 952-0628

Connect with the Province of B.C. at: <http://news.gov.bc.ca/connect>

Tally, Holly GCPE:EX

From: Copeland, Kimberly GCPE:EX
Sent: July 18, 2019 4:23 PM
To: McKill, Colin GCPE:EX; Tally, Holly GCPE:EX; GCPE Editorial Services
Cc: Giles, Alison GCPE:EX; McRae, Meghan GCPE:EX; Grewar, Colin GCPE:EX; Cox, Michael GCPE:EX
Subject: RE: For V5 - EMPR-93879

Follow Up Flag: Follow up
Flag Status: Completed

Small update! EMPR-93879 has officially been confirmed for 11:45am tomorrow.

Kim

From: Copeland, Kimberly GCPE:EX
Sent: July 18, 2019 3:35 PM
To: McKill, Colin GCPE:EX ; Tally, Holly GCPE:EX ; GCPE Editorial Services
Cc: Giles, Alison GCPE:EX ; McRae, Meghan GCPE:EX ; Grewar, Colin GCPE:EX ; Cox, Michael GCPE:EX
Subject: RE: For V5 - EMPR-93879

Hi All,

11:45am tomorrow has been tentatively confirmed with the Corp Cal team.

Thanks,

Kim

From: McKill, Colin GCPE:EX
Sent: July 18, 2019 3:32 PM
To: Tally, Holly GCPE:EX <Holly.Tally@gov.bc.ca>; GCPE Editorial Services <GCPEWES@Victoria1.gov.bc.ca>
Cc: Giles, Alison GCPE:EX <Alison.Giles@gov.bc.ca>; McRae, Meghan GCPE:EX <Meghan.McRae@gov.bc.ca>; Grewar, Colin GCPE:EX <Colin.Grewar@gov.bc.ca>; Copeland, Kimberly GCPE:EX <Kimberly.Copeland@gov.bc.ca>; Cox, Michael GCPE:EX <Michael.Cox@gov.bc.ca>
Subject: RE: For V5 - EMPR-93879

Moving this now, thanks Holly.

From: Tally, Holly GCPE:EX
Sent: July 18, 2019 3:31 PM
To: GCPE Editorial Services <GCPEWES@Victoria1.gov.bc.ca>
Cc: Giles, Alison GCPE:EX <Alison.Giles@gov.bc.ca>; McRae, Meghan GCPE:EX <Meghan.McRae@gov.bc.ca>; Grewar, Colin GCPE:EX <Colin.Grewar@gov.bc.ca>
Subject: RE: For V5 - EMPR-93879

Hello,

We've received word that 7:30am no longer works for the release. This is now scheduled for province-wide release tomorrow (Friday, July 19) at 11:45am.

Thank you,

Holly Tally | Public Affairs Officer
Government Communications and Public Engagement
Ministry of Energy, Mines and Petroleum Resources
T: 778-974-3851 | C: 250-818-3081
E: Holly.Tally@gov.bc.ca

From: Grewar, Colin GCPE:EX
Sent: July 18, 2019 1:05 PM
To: GCPE Editorial Services <GCPEWES@Victoria1.gov.bc.ca>
Cc: Giles, Alison GCPE:EX <Alison.Giles@gov.bc.ca>; McRae, Meghan GCPE:EX <Meghan.McRae@gov.bc.ca>; Tally, Holly GCPE:EX <Holly.Tally@gov.bc.ca>
Subject: For V5 - EMPR-93879

Hi GCPE Editors: Please find attached for V5 an IB announcing phase 2 of the BC Hydro Review (CC EMPR-93879). This is scheduled for province-wide release tomorrow (Friday, July 19) at 7:30am.

There may be some minor, last minute adjustments but wanted to get it to you sooner rather than later given the early release time tomorrow.

Thanks,
Colin



Colin Grewar
Senior Public Affairs Officer
Government Communications and Public Engagement
Ministry of Energy, Mines and Petroleum Resources
Phone: 250-952-0650
Colin.Grewar@gov.bc.ca

Tally, Holly GCPE:EX

From: Karemaker, Kent GCPE:EX
Sent: July 19, 2019 11:40 AM
To: Grewar, Colin GCPE:EX
Subject: RE: FYI - BCH Review Phase 2 - Final IB

Thanks, Colin!

From: Grewar, Colin GCPE:EX
Sent: July 19, 2019 11:29 AM
To: Karemaker, Kent GCPE:EX
Subject: FYI - BCH Review Phase 2 - Final IB

Hi Kent: FYI – The attached IB on phase 2 of the BC Hydro Review is going out today at 11:45am.

QA also attached JIC.

Colin



Colin Grewar
Senior Public Affairs Officer
Government Communications and Public Engagement
Ministry of Energy, Mines and Petroleum Resources
Phone: 250-952-0650
Colin.Grewar@gov.bc.ca

From: Grewar, Colin GCPE:EX
Sent: July 19, 2019 11:03 AM
To: Alexis, Greg <Greg.Alexis@bchydro.com>
Cc: Sauer, Darwin <Darwin.Sauer@bchydro.com>; Fish, Tanya <Tanya.Fish@bchydro.com>; 'Magre, Leela' <Leela.Magre@bchydro.com>
Subject: FW: Final IB

Hi Greg: Final IB on phase 2 of the BCH Review attached and below.

This is embargoed until it goes out at 11:45am today, so please do not share before that time.

The final reflects the edit suggestions you sent along on July 17th with the exception of the timeline for production of the interim report – ADM wanted us to stick with the dates we had to remain consistent with the terms of reference for the review.

Thanks,
Colin

For Immediate Release
2019EMPR0082-001488
July 19, 2019

INFORMATION BULLETIN

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- * In December 2018, government released its CleanBC plan.
- * To achieve greenhouse gas reduction targets, the plan calls for increasing the use of B.C.'s renewable hydroelectricity and shifting away from a reliance on fossil fuels for transportation, industry and buildings.
- * In February 2019, government announced the results of Phase 1 of the BC Hydro review, including:
 - * a new rate forecast that, subject to final approval from the B.C. Utilities Commission (BCUC), will limit bill increases to 1.8% in 2019 and 0.7% in 2020, and keep cumulative increases 20% below the forecast rate of B.C. inflation for the next five years; and
 - * regulatory and legislative changes to enhance the BCUC's power to make decisions on rate increases, deferral accounts and capital projects, as well as other decisions that affect British Columbians.

* Phase 2 of the BC Hydro review will support BC Hydro's development of its Integrated Resource Plan (IRP) to be filed with the BCUC in early 2021. The IRP outlines how BC Hydro plans to safely provide reliable, affordable, clean electricity to meet customers' needs now and into the future.

Learn More:

To view the terms of reference for Phase 2 of the BC Hydro review, visit:

<https://www2.gov.bc.ca/gov/content/industry/electricity-alternative-energy/electricity/bc-hydro-review>

Contact:

Kent Karemaker
Media Relations
Ministry of Energy, Mines and Petroleum Resources
250 952-0628

Connect with the Province of B.C. at: <http://news.gov.bc.ca/connect>

Tally, Holly GCPE:EX

From: Grewar, Colin GCPE:EX
Sent: July 18, 2019 4:37 PM
To: Norris, Nancy EMPR:EX; Sopinka, Amy EMPR:EX
Cc: Wieringa, Paul EMPR:EX
Subject: RE: IB QA PHase 2
Attachments: BCHP2_EAED_Website_Content_20190704_UPDATED_approved LM.docx

Follow Up Flag: Follow up
Flag Status: Completed

Hi Nancy: There was some back and forth about changing the wording regarding the timing but we've ended up back with the same language so no changes needed to the TOR.

Amy may have mentioned to you that we have removed the reference to "the public" related to feedback on the interim report, so you'll need to remove that reference from the EAED website (as highlighted at the top of page 2 in the attached).

Thanks,
Colin



Colin Grewar
Senior Public Affairs Officer
Government Communications and Public Engagement
Ministry of Energy, Mines and Petroleum Resources
Phone: 250-952-0650
Colin.Grewar@gov.bc.ca

From: Norris, Nancy EMPR:EX
Sent: July 18, 2019 3:48 PM
To: Sopinka, Amy EMPR:EX ; Grewar, Colin GCPE:EX
Cc: Wieringa, Paul EMPR:EX
Subject: RE: IB QA PHase 2

Hi there,

Did I miss the response to this? Is there an updated version of the TOR? I need to provide a PDF of the final TOR to Irene prior to 11:45am tomorrow so she can post it on the EAED website.

Thanks, N

From: Sopinka, Amy EMPR:EX
Sent: July 18, 2019 9:26 AM
To: Grewar, Colin GCPE:EX <Colin.Grewar@gov.bc.ca>
Cc: Wieringa, Paul EMPR:EX <Paul.Wieringa@gov.bc.ca>; Norris, Nancy EMPR:EX <Nancy.Norris@gov.bc.ca>
Subject: IB QA PHase 2

Hi Colin,

Where did we land with the IB and including the timing for the interim and final reports? We need to ensure that the public TOR and EAED website include the same information as the IB.

A

Tally, Holly GCPE:EX

From: McRae, Meghan GCPE:EX
Sent: July 19, 2019 8:49 AM
To: Sopinka, Amy EMPR:EX
Cc: Giles, Alison GCPE:EX; Grewar, Colin GCPE:EX
Subject: Re: IB release today

Follow Up Flag: Follow up
Flag Status: Completed

That's correct Amy. We'll flip you the final PDF'd version shortly if you haven't already received it.
Meghan

Sent from my iPhone

On Jul 19, 2019, at 8:46 AM, Sopinka, Amy EMPR:EX <Amy.Sopinka@gov.bc.ca> wrote:

Good morning Meghan
Just wanted to confirm that the IB for the Phase 2 Review will be released at 11:45 this morning.
Amy

Tally, Holly GCPE:EX

From: Grewar, Colin GCPE:EX
Sent: July 23, 2019 11:55 AM
To: Karemaker, Kent GCPE:EX; Tally, Holly GCPE:EX
Cc: Giles, Alison GCPE:EX; McRae, Meghan GCPE:EX
Subject: RE: MEDIA REQUEST: BCH Review Committee Members

Follow Up Flag: Follow up
Flag Status: Completed

This looks correct to me Kent. Suggest you run it past Les just for confirmation.

Thanks,
Colin



Colin Grewar
Senior Public Affairs Officer
Government Communications and Public Engagement
Ministry of Energy, Mines and Petroleum Resources
Phone: 250-952-0650
Colin.Grewar@gov.bc.ca

From: Karemaker, Kent GCPE:EX
Sent: July 23, 2019 11:38 AM
To: Grewar, Colin GCPE:EX ; Tally, Holly GCPE:EX
Cc: Giles, Alison GCPE:EX ; McRae, Meghan GCPE:EX
Subject: MEDIA REQUEST: BCH Review Committee Members

Hey Colin/Holly,

Is the suggested response below accurate?

Kent.

Reporter: Brian Lewis, Clearing Up Newsletter
Deadline: ASAP

Request: I'd like to put names to the titles of the four members of the Review Committee in a story I am preparing for the Seattle-based newsletter Clearing Up that runs next week. The members are: deputy minister of Energy, Mines and Petroleum Resources, executive chair of BC Hydro board of directors, president/chief operating officer of BC Hydro and the CEO of Powerex.

Suggested Response:

Overseeing the BC Hydro Phase 2 Review process will be a Review Committee consisting of:

- Dave Nikolejsin - Deputy Minister of Energy, Mines and Petroleum Resources

- Ken Peterson - Executive Chair of the BC Hydro Board of Directors
- Chris O'Riley - President and Chief Operating Officer of BC Hydro
- Tom Bechard - Chief Executive Officer of Powerex

Kent Karemaker | Media Relations

Government Communications and Public Engagement

Ministry of Energy, Mines and Petroleum Resources

Office: 250-952-0628 Cell: 250-886-5400

Kent.Karemaker@gov.bc.ca

Tally, Holly GCPE:EX

From: Norris, Nancy EMPR:EX
Sent: July 19, 2019 11:27 AM
To: Wingfield, Irene EMPR:EX; Sopinka, Amy EMPR:EX
Cc: Grewar, Colin GCPE:EX
Subject: RE: QR for Phase 1 and 2 revisions

Hi Irene,

I found a couple of small typos that need to be corrected:

- Phase 2 page, first sentence needs to be changed to “for the benefit of British Columbians”. At the moment it reads “for the benefit of British Columbia”
- Phase 1 page, first sentence of paragraph 5 needs to be changed to “The key outcomes of Phase 1 are:” At the moment it reads “The key outcomes of the review are:”

Thanks!

Nancy

From: Wingfield, Irene EMPR:EX
Sent: July 19, 2019 10:40 AM
To: Sopinka, Amy EMPR:EX ; Norris, Nancy EMPR:EX
Cc: Grewar, Colin GCPE:EX
Subject: RE: QR for Phase 1 and 2 revisions

Phase 2: <https://www2.qa.gov.bc.ca/gov/content/industry/electricity-alternative-energy/electricity/bc-hydro-review-phase-2>

Here is the revision.
Irene

From: Sopinka, Amy EMPR:EX
Sent: July 19, 2019 10:34 AM
To: Wingfield, Irene EMPR:EX <Irene.Wingfield@gov.bc.ca>; Norris, Nancy EMPR:EX <Nancy.Norris@gov.bc.ca>
Cc: Grewar, Colin GCPE:EX <Colin.Grewar@gov.bc.ca>
Subject: RE: QR for Phase 1 and 2 revisions
Importance: High

For Phase 2 – there is a word missing in the second paragraph. And the review did not start in June. Take of the “in June 2019”. Please make those changes before this goes live.

Amy

From: Wingfield, Irene EMPR:EX
Sent: July 19, 2019 10:25 AM

To: Norris, Nancy EMPR:EX <Nancy.Norris@gov.bc.ca>; Sopinka, Amy EMPR:EX <Amy.Sopinka@gov.bc.ca>

Subject: QR for Phase 1 and 2 revisions

These are now set to publish live at 11:45am today:

Phase 2 : <https://www2.qa.gov.bc.ca/gov/content/industry/electricity-alternative-energy/electricity/bc-hydro-review-phase-2>

Phase 1: <https://www2.qa.gov.bc.ca/gov/content/industry/electricity-alternative-energy/electricity/bc-hydro-review-phase-1>

Thanks.

Irene Wingfield

Senior Writer

Electricity and Alternative Energy Division

Ministry of Energy, Mines and Petroleum Resources

Work: (778) 698-7169

From: [McRae, Meghan GCPE:EX](#)
To: [Cuddy, Andrew EMPR:EX](#)
Cc: [Grewar, Colin GCPE:EX](#); [Giles, Alison GCPE:EX](#); [Tally, Holly GCPE:EX](#)
Subject: Re: BC Hydro Review - Phase 2
Date: July 8, 2019 6:02:23 PM

Thanks Andrew. For what it's worth, I think the immediate question reporter's will ask is who is supporting the review beyond govt and BC hydro, which is why I would push to include the industry expert members, if we can.

Sent from my iPhone

On Jul 8, 2019, at 5:58 PM, Cuddy, Andrew EMPR:EX <Andrew.Cuddy@gov.bc.ca> wrote:

Hi Colin - I finally had a chance to review the Phase 2 materials. Could revise the heading and first sentence to make it more focused on supporting CleanBC? Pls include the CASA language at the end as well.

Also FYI - still debating whether we should release IB this week or wait until we have all the expert reviewers confirmed

Sent from my iPhone

On Jun 19, 2019, at 2:54 PM, Grewar, Colin GCPE:EX
<Colin.Grewar@gov.bc.ca> wrote:

Hi Andrew: Please find attached our IB and QA on Phase 2 of the BC Hydro Review. Les and BC Hydro have reviewed.

On a recent BC Hydro weekly call Melissa had indicated a preference for an IB.

I have also attached the Terms of Reference, which will be publicly available on the Ministry's BC Hydro Review webpage.

As discussed on today's conference call, release date still TBC pending deposit of the Cabinet Minute and further direction.

Thanks,
Colin

<image002.jpg>

Colin Grewar
Senior Public Affairs Officer
Government Communications and Public Engagement

<IB_Phase 2_BCH
Review_Jun18_338pm_2019_SC_KR_AS_PW_LAM_DQ_LM.docx>

<QA_Phase 2_BC Hydro
Review_Jun18_342pm_2019_SC_KR_AS_PW_LAM_DQ_LM.docx>

<BCH Review Phase II TOR 190618 Public.docx>

From: [Giles, Alison GCPE:EX](#)
To: [Grewar, Colin GCPE:EX](#)
Subject: RE: IB_Backgrounder_Biographies of Expert Advisors_20190717 wo MK
Date: July 17, 2019 10:50:00 AM

That change is now made to the July 16 version of the QA (I didn't bother saving yet another version with today's date on it).

From: Grewar, Colin GCPE:EX
Sent: July 17, 2019 9:12 AM
To: Giles, Alison GCPE:EX <Alison.Giles@gov.bc.ca>
Cc: Tally, Holly GCPE:EX <Holly.Tally@gov.bc.ca>
Subject: FW: IB_Backgrounder_Biographies of Expert Advisors_20190717 wo MK

Hi Alison: Please note last minute bio change from Steven Koch in attached.

Colin



Colin Grewar
Senior Public Affairs Officer
Government Communications and Public Engagement
Ministry of Energy, Mines and Petroleum Resources
Phone: 250-952-0650
Colin.Grewar@gov.bc.ca

From: Sopinka, Amy EMPR:EX
Sent: July 17, 2019 9:00 AM
To: Grewar, Colin GCPE:EX <Colin.Grewar@gov.bc.ca>; Norris, Nancy EMPR:EX <Nancy.Norris@gov.bc.ca>; Darcy Quinn <darcy.quinn@bchydro.com>
Subject: IB_Backgrounder_Biographies of Expert Advisors_20190717 wo MK

Last minute bio change from Steven Koch .

Amy

McRae, Meghan GCPE:EX

From: Sopinka, Amy EMPR:EX
Sent: July 9, 2019 3:49 PM
To: Giles, Alison GCPE:EX; Norris, Nancy EMPR:EX
Cc: McRae, Meghan GCPE:EX; Tally, Holly GCPE:EX; Wieringa, Paul EMPR:EX; Cutler, Scott EMPR:EX; Buchanan, Jack EMPR:EX; Norris, Nancy EMPR:EX
Subject: RE: 6959: Phase 2 BC Hydro Review

Green

From: Giles, Alison GCPE:EX
Sent: July 9, 2019 3:49 PM
To: Sopinka, Amy EMPR:EX ; Norris, Nancy EMPR:EX
Cc: McRae, Meghan GCPE:EX ; Tally, Holly GCPE:EX ; Wieringa, Paul EMPR:EX ; Cutler, Scott EMPR:EX ; Buchanan, Jack EMPR:EX ; Norris, Nancy EMPR:EX
Subject: RE: 6959: Phase 2 BC Hydro Review

Okay – I'll ask Design group to move the logo inside the bar and replace the BC logo/ministry name.

With the stylized province outline logo being moved into the banner, it will be considerably smaller and perhaps the BCH logo will not be that noticeable. Before I run this up the pole again, do you folks have a colour in mind?

From: Sopinka, Amy EMPR:EX
Sent: July 9, 2019 3:30 PM
To: Giles, Alison GCPE:EX <Alison.Giles@gov.bc.ca>; Norris, Nancy EMPR:EX <Nancy.Norris@gov.bc.ca>
Cc: McRae, Meghan GCPE:EX <Meghan.McRae@gov.bc.ca>; Tally, Holly GCPE:EX <Holly.Tally@gov.bc.ca>; Wieringa, Paul EMPR:EX <Paul.Wieringa@gov.bc.ca>; Cutler, Scott EMPR:EX <Scott.Cutler@gov.bc.ca>; Buchanan, Jack EMPR:EX <Jack.Buchanan@gov.bc.ca>; Norris, Nancy EMPR:EX <Nancy.Norris@gov.bc.ca>
Subject: RE: 6959: Phase 2 BC Hydro Review

Hi Alison,

I'm not sure it would be weird since they are two phases of the same review. In terms of ditching the bc gov and bch logo we'd just be moving the stylized province to the left corner to replace the bc gov logo and name). Perhaps there is something we can put inside the map that is different than the BCH logo?

A

From: Giles, Alison GCPE:EX
Sent: July 9, 2019 3:22 PM
To: Norris, Nancy EMPR:EX <Nancy.Norris@gov.bc.ca>; Sopinka, Amy EMPR:EX <Amy.Sopinka@gov.bc.ca>
Cc: McRae, Meghan GCPE:EX <Meghan.McRae@gov.bc.ca>; Tally, Holly GCPE:EX <Holly.Tally@gov.bc.ca>
Subject: FW: 6959: Phase 2 BC Hydro Review

Cal did Phase 1 in house.

For what it's worth, I think it might be weird to use the same look and feel as Phase 1 without the BC logo and ministry name. My first thought/question is 'why'd you ditch those two elements?' I think your ultimate approver on this one is Dave Nic.

Maybe that's just me. Design by committee is almost always a challenge.

From: Jones, Calvin GCPE:EX
Sent: July 9, 2019 2:31 PM
To: Giles, Alison GCPE:EX <Alison.Giles@gov.bc.ca>
Subject: Re: 6959: Phase 2 BC Hydro Review

C'est moi, avec Colin Grewar!

Cal
T: 250 356-8565

[B.C. Visual Identity Website](#)
[Graphic Design Requests](#)
[Graphics 411 Information and Resources](#)

From: "Giles, Alison GCPE:EX" <Alison.Giles@gov.bc.ca>
Date: Tuesday, July 9, 2019 at 2:29 PM
To: "Jones, Calvin GCPE:EX" <Calvin.Jones@gov.bc.ca>
Subject: RE: 6959: Phase 2 BC Hydro Review

Cal – did you guys do this one?

McRae, Meghan GCPE:EX

From: McRae, Meghan GCPE:EX
Sent: July 8, 2019 6:02 PM
To: Cuddy, Andrew EMPR:EX
Cc: Grewar, Colin GCPE:EX; Giles, Alison GCPE:EX; Tally, Holly GCPE:EX
Subject: Re: BC Hydro Review - Phase 2

Thanks Andrew. For what it's worth, I think the immediate question reporter's will ask is who is supporting the review beyond govt and BC hydro, which is why I would push to include the industry expert members, if we can.

Sent from my iPhone

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Hi Colin - I finally had a chance to review the Phase 2 materials. Could revise the heading and first sentence to make it more focused on supporting CleanBC? Pls include the CASA language at the end as well.

Also FYI - still debating whether we should release IB this week or wait until we have all the expert reviewers confirmed

Sent from my iPhone

On Jun 19, 2019, at 2:54 PM, Grewar, Colin GCPE:EX <Colin.Grewar@gov.bc.ca> wrote:

Hi Andrew: Please find attached our IB and QA on Phase 2 of the BC Hydro Review. Les and BC Hydro have reviewed.

On a recent BC Hydro weekly call Melissa had indicated a preference for an IB.

I have also attached the Terms of Reference, which will be publicly available on the Ministry's BC Hydro Review webpage.

As discussed on today's conference call, release date still TBC pending deposit of the Cabinet Minute and further direction.

Thanks,
Colin

Colin Grewar
Senior Public Affairs Officer
Government Communications and Public Engagement
Ministry of Energy, Mines and Petroleum Resources
Phone: 250-952-0650
Colin.Grewar@gov.bc.ca

McRae, Meghan GCPE:EX

From: Grewar, Colin GCPE:EX
Sent: July 17, 2019 12:21 PM
To: Sanderson, Melissa EMPR:EX
Cc: Cuddy, Andrew EMPR:EX; McRae, Meghan GCPE:EX; Giles, Alison GCPE:EX; Tally, Holly GCPE:EX
Subject: RE: BCH Review Phase 2 - QA
Attachments: IB_Phase 2_BCH Review_Jul17_1212pm_2019.docx; Biographies of Expert Advisors_Jul17_2019.docx; QA_Phase 2_BC Hydro Review_Jul17_1218pm_2019.docx

Here you go Melissa.

Colin



Colin Grewar
Senior Public Affairs Officer
Government Communications and Public Engagement
Ministry of Energy, Mines and Petroleum Resources
Phone: 250-952-0650
Colin.Grewar@gov.bc.ca

From: Sanderson, Melissa EMPR:EX
Sent: July 17, 2019 11:59 AM
To: Grewar, Colin GCPE:EX
Cc: Cuddy, Andrew EMPR:EX ; McRae, Meghan GCPE:EX ; Giles, Alison GCPE:EX ; Tally, Holly GCPE:EX
Subject: Re: BCH Review Phase 2 - QA

I just need finals to share w Greens

Sent from my iPhone

On Jul 17, 2019, at 12:55 PM, Grewar, Colin GCPE:EX <Colin.Grewar@gov.bc.ca> wrote:

Here you go. The attached IB includes three tracked suggestions for minor edits from BC Hydro received this morning.

Colin

Colin Grewar
Senior Public Affairs Officer
Government Communications and Public Engagement
Ministry of Energy, Mines and Petroleum Resources
Phone: 250-952-0650
Colin.Grewar@gov.bc.ca

From: Sanderson, Melissa EMPR:EX
Sent: July 17, 2019 11:48 AM
To: Grewar, Colin GCPE:EX <Colin.Grewar@gov.bc.ca>
Cc: Cuddy, Andrew EMPR:EX <Andrew.Cuddy@gov.bc.ca>; McRae, Meghan GCPE:EX

<Meghan.McRae@gov.bc.ca>; Giles, Alison GCPE:EX <Alison.Giles@gov.bc.ca>; Tally, Holly GCPE:EX <Holly.Tally@gov.bc.ca>

Subject: Re: BCH Review Phase 2 - QA

Can you send me the IB and the list of people in two separate documents?

Sent from my iPhone

On Jul 17, 2019, at 12:44 PM, Grewar, Colin GCPE:EX <Colin.Grewar@gov.bc.ca> wrote:

Hi Melissa: Hope you're enjoying your time at EMMC in Cranbrook.

Please find attached the latest version of the QA to complement the IB announcing phase 2 of the BC Hydro Review.

As you know, the IB is scheduled to go out at 7:30 on Friday morning.

Thanks,
Colin

Colin Grewar
Senior Public Affairs Officer
Government Communications and Public Engagement
Ministry of Energy, Mines and Petroleum Resources
Phone: 250-952-0650
Colin.Grewar@gov.bc.ca

From: [Grewar, Colin GCPE:EX](#)
To: [Sanderson, Melissa EMPR:EX](#)
Cc: [Cuddy, Andrew EMPR:EX](#); [McRae, Meghan GCPE:EX](#); [Giles, Alison GCPE:EX](#); [Tally, Holly GCPE:EX](#)
Subject: For Final edits/Approval - EMPR IB - DRAFT: Next phase of BC Hydro review to focus on climate goals, new opportunities
Date: July 18, 2019 2:37:02 PM
Attachments: [DRAFT.pdf](#)

Hi Melissa: Please find attached and below the V5'd version of the IB on the BCH Review, still draft.

Are we ok to give final approval for release tomorrow at 7:30am?

I have to head off s.22 so please respond directly to Alison.

Thanks,
Colin

NR Number: Not Approved
NR Type: Information Bulletin
State: Planned
Planned Release Date: July 19, 2019 at 7:30 am
Media Distribution Lists: 000.0 - Victoria, BUSIN_BUSINESS, ENERG, ETHID_INDIGENOUS, ETHALL_ALL
ETHNIC, LEGIS_PRESS GALLERY, LMain, MEDIA, MMVAN_MMVAN, PROVI_PROVINCE WIDE
No Lead Organization
Headline: Next phase of BC Hydro review to focus on climate goals, new opportunities

This email was auto-generated.

Not Approved
July 19, 2019

Ministry of Energy, Mines and Petroleum Resources

INFORMATION BULLETIN

Next phase of BC Hydro review to focus on climate goals, new opportunities

VICTORIA - To ensure BC Hydro is working for British Columbians, government is launching Phase 2 of the BC Hydro review, focusing on CleanBC electrification targets, new technologies, new roles for Indigenous Nations and examining future market opportunities.

Phase 2 of the BC Hydro review will leverage BC Hydro's strengths and focus on:

- * BC Hydro's role in supporting CleanBC and meeting British Columbia's legislated 2030, 2040 and 2050 greenhouse gas reduction targets;
- * future opportunities or new roles for Indigenous Nations and for communities in the energy sector;
- * integrating new technologies and electricity market trends into BC Hydro's structure, services and assets while keeping rates affordable; and
- * new opportunities for BC Hydro to expand its business in markets outside B.C. for the benefit of ratepayers.

The Ministry of Energy, Mines and Petroleum Resources will work with energy industry experts with extensive experience in North American utility operation, regulation and electricity markets, BC Hydro and the Ministry of

Environment and Climate Change Strategy to produce an interim report before the end of this year.

Indigenous peoples and organizations, and stakeholders will have the opportunity to provide feedback on the interim report.

A final report with recommendations will be completed in early 2020.

CleanBC is a pathway to a more prosperous, balanced and sustainable future. CleanBC was developed in collaboration with the BC Green Party caucus, and supports the commitment in the Confidence and Supply Agreement to implement climate action to meet B.C.'s emission targets.

Quick Facts:

- * About 98% of BC Hydro's electricity generation comes from clean and renewable resources.
- * In December 2018, government released its CleanBC plan.
- * To achieve greenhouse gas reduction targets, the plan calls for increasing the use of B.C.'s renewable hydroelectricity and shifting away from a reliance on fossil fuels for transportation, industry and buildings.
- * In February 2019, government announced the results of Phase 1 of the BC Hydro review, including:
 - * a new rate forecast that, subject to final approval from the B.C. Utilities Commission (BCUC), will limit bill increases to 1.8% in 2019 and 0.7% in 2020, and keep cumulative increases 20% below the forecast rate of B.C. inflation for the next five years; and
 - * regulatory and legislative changes to enhance the BCUC's power to make decisions on rate increases, deferral accounts and capital projects, as well as other decisions that affect British Columbians.
- * Phase 2 of the BC Hydro review will support BC Hydro's development of its Integrated Resource Plan (IRP) to be filed with the BCUC in early 2021. The IRP outlines how BC Hydro plans to safely provide reliable, affordable, clean electricity to meet customers' needs now and into the future.

Learn More:

To view the terms of reference for Phase 2 of the BC Hydro review, visit:

<https://www2.gov.bc.ca/gov/content/industry/electricity-alternative-energy/electricity/bc-hydro-review>

Contact:

Kent Karemaker
Media Relations
Ministry of Energy, Mines and Petroleum Resources
250 952-0628

Connect with the Province of B.C. at: <http://news.gov.bc.ca/connect>