# Summary Notes

## Rate Schedule 1701 Amendment / Street Lighting Replacement Program

## August 12, 2020

## WebEx / D02 BC Hydro Auditorium

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| **Type of Meeting** | Street Lighting Replacement Workshop – Customers and Interveners | | | |
| **Agenda** | • Opening Remarks<br>• The Street Light Replacement Program & Streetlights Options<br>• RS1701 Rates<br>• Other Matters<br>• Closing Remarks | | | |
| **Abbreviations** | BCUC | British Columbia Utilities Commission | ICCP | Indigenous Communities Conservation Program |
| | GPS | Geographic Positioning System | LED | Light-emitting Diode |
| | GIS | Geographic Information System | PCB | Polychlorinated Biphenyls |
| | HPS | High Pressure Sodium | RS | Rate Schedule |
| | ICIP | Indigenous Community Input Program | | |

**Link to Presentation**

**BC Hydro Presenters:** Anthea Jubb, Daren Sanders, DJ Feinstadt, Ed Mah, Calvin Hastings, Fred James.

**See Appendix 1 for list of Customers and Interveners.**

**Near Term Actions or Tasks:**

- Customer feedback form, August 29, 2020
- BC Hydro application, September 2020

## Questions and Answers:

### 1. LED Street Replacement Program

The purpose of going to LED's is based on PCB's being reduced. Where are the PCB's in HPS lights?

- There could be PCBs in the ballasts of some older High-Pressure Sodium (HPS) and mercury vapour street lights.

Do Federal PCB regulations mean that communities have to update the lights they own too in addition to BC Hydro owned lights? What is the timeline for the regulation?[1]

- Federal PCB regulation applies to several types of equipment, with few exceptions. Newer equipment may not contain PCBs and therefore would not be subject to the regulation, but each owner of the equipment is responsible for verifying the content of PCB in their equipment.

Based upon installation date, do all BC Hydro lights have the PCB issue or just old fixtures?

- We know approximately 20% of the BC Hydro owned street lights may contain PCBs. However, our records do not indicate which lights may.
- Testing each one is cost prohibitive and a mass replacement is most cost effective.

For the lights that we have under this rate structure, it would cost us more over 20 years (the lifespan) under the new pricing scheme. Can we opt out of the upgrade?

- Customers may decide to leave the service and install their own lights and poles at their expense under RS1702.
- If customers want to continue to use the RS1701 service, they cannot opt out from the LED conversion. BC Hydro cannot retain or offer HPS lighting because of the federal regulation and the obsolescence of the technology.

### 2. LED Product and Vendor Information

What is the life expectancy of the Photocells being considered?

- Approximately 20 years.

What LED vendor/product is BC Hydro using? Does a customer have a choice of LED product?

- BC Hydro's LED street light vendor is LED Roadway Lighting that is based out of Halifax.
- BC Hydro will offer eight different street lights: four different wattages and two-colour temperatures for each wattage.
- Customers can select the wattage and colour temperature for each of the RS1701 street lights in their community.
- Information about the wattage and colour temperature options will be posted on BC Hydro's website shortly.

The LED street lights have the option for a smart controller node to monitor energy consumption. Can you update on Measurement Canada's decision to allow for billing on this type of method vs the flat rate system?

- BC Hydro explored smart controller solutions but decided not to pursue the technology at this time because it was cost prohibitive.
- The street lights we selected are compatible with smart controllers. If there is a business case to add controllers in the future, it can be added to these LED street lights.

[1] https://laws-lois.justice.gc.ca/eng/regulations/sor-2008-273/index.html

| 2. LED Product and Vendor Information |
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| - We cannot comment on the Measurement Canada decision as we have no insight into whether a decision on this matter is imminent. |
| Will samples be provided so we can compare colour temperatures/brightness? Photos in winter conditions will be important. Recommendations for arterial vs local streets would be very helpful.<br>- We will be posting information on website, with photos to show how the different colour temperatures and wattages look. We will look into options for getting photos taken in winter and other conditions.<br>- We suggest customers work with their street light design consultants on selecting the appropriate lighting for different locations in their community. |
| Does choosing warmer colour LED lights negatively impact the improvements in visibility that come with LEDs (e.g. being able to better see the yellow vs white lines on pavement)?<br>- Both the 3000K and 4000K LED street lights have better colour rendering than the current HPS lights (~2300K).<br>- Customers need to decide their preference.<br>- Our understanding is that some customers (including Burnaby, Surrey and Coquitlam) who started their LED conversions chose 4000K for intersections, main roads and industrial areas for better visibility and 3000K for residential areas for the warmer look.<br>Where necessary, we would request some support from Hydro to help with selection of appropriate wattages with those without in-house expertise. |
| Are the cities responsible for the lighting design, e.g., wattages? Do BC Hydro LED designers meet the municipalities' street lighting standards/specifications?<br>The lighting designers to whom you are referring we can connect to through the link, is this a service that is sponsored by BC Hydro?<br>- Customers are responsible for their lighting design.<br>- A design consultant would be the best resource to answer customers' questions on lighting designs for their communities.<br>- BC Hydro can provide referrals to qualified street light designers who are part of our Alliance of Energy Professional. We reviewed and verified their qualifications, but we do not sponsor their service. |

| 3. Deployment Plan |
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| Are you planning to defer current new installations until November for better efficiency?<br>- If customers who are requesting new street lights before LED deployment starts can wait until November, we would prefer to install new LED lights then for efficiency of deployment.<br>- If customers need new street lights now for safety or other considerations, we will install HPS lights. These HPS lights will be converted to LEDs in the future. |
| As part of the LED conversion process will you be verifying and correcting your lease light data base?<br>- We will be verifying all RS1701 street lights in our database. |
| Does BC Hydro have an inventory of Hydro-owned lights in each community that can be shared with us?<br>Is there going to be an excel spread sheet that the municipalities update for each light location? Can this be tied to GIS that makes it easier to understand the location?<br>We received information on an excel spreadsheet with pole # that should match a GIS program that would |

| 3. Deployment Plan |
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| help us identify if these poles are ours and where they are etc. - e.g. if you click on pole # on excel spreadsheet and it should automatically go to GIS map this way we can take a proper inventory of poles and streetlighting.<br>- BC Hydro will send all customers a detailed list of their RS1701 street lights with pole IDs and GPS coordinates prior to deployment starting in their area.<br>- There will also be a Google earth file for customers to easily locate the street lights on a map.<br>- If customers would like a detailed list of their street lights now, they can contact our Street Light Support Team at LightingSupport@bchydro.com to obtain it. |
| Could there be a detailed session offered on completing the LED light selection spreadsheet? The timeline is very short to have funding approved for a designer to complete the design by this fall.<br>What kind of timelines will Hydro be expecting from cities after the file is shared?<br>- The detailed selection spreadsheet will be provided to customers months in advance of deployment starting in each area. Customers can also request for the file now or at anytime by contacting our Street Light Support Team at LightingSupport@bchydro.com.<br>- Detailed instructions on how to complete the selection spreadsheet are included in the file.<br>- We plan to hold another customer session in September to provide more information on the new LED street lights and the deployment processes, including showing customers how to complete the detailed selection spreadsheet.<br>- Our Street Light Support team will also be available to provide customers assistance in completing the detailed selection spreadsheet.<br>- Of the customers we have talked to, most of them told us they need a couple of months to complete the lighting design. We are happy to work with customers to accommodate their needs.<br>We welcome customer feedback on how much time they will need to complete lighting design. We will incorporate customer feedback into our deployment process. |
| Will there be information packages we can share with our communities/councils? Is BC Hydro going to make an announcement?<br>- Information packages are under development right now. Let us know the information that will be helpful. We will consider how to best explain the different types of LED lighting and BC Hydro's timelines for different communities. |
| Will Hydro be sharing the tentative deployment schedule?<br>- Yes. We are working with installation contractors to develop the most cost-effective deployment schedule.<br>- We will post a high-level development schedule on our website. |
| What is your conversion area prioritization criteria?<br>How will BC Hydro set the priorities for LED replacement? Will NIA communities be prioritized because of the high cost of energy?<br>- We are working with installation contractors to determine the most cost-effective deployment schedule.<br>- Recognizing the costs to travel, the roll-out of the LEDs will in part be based on geography to ensure that the installation crews can efficiently work their way around the province.<br>- The high energy cost in NIA communities will be considered in developing our deployment plan. |
| Will it be a direct replacement scenario, i.e., the existing HPS wattage replaced with the equivalent LED? |

| 3. Deployment Plan |
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| How do we know what the colouring will be for the new lights?<br>- Customers need to specify the colour temperature and the wattage they want for each street light.<br>- The colour temperature selection depends on each customer's preference. Both 3000K and 4000K are whiter than the current HPS street lights. The 4000K lights offer better colour rendering and the 3000K lights give a warmer look.<br>- Customers can take the opportunity to identify the over- and under-lit areas, areas needing additional street lights and areas that no longer require street lights. |
| If an HPS street light goes out, are they being replaced with LED's?<br>- Starting in November, if an HPS street light fails, and BC Hydro has received the customer's initial default selection, the HPS light will be repaired with an LED street light.<br>- If we have not received customer's initial selection, our Street Light Support Team will reach out to the customer to determine which LED light they want to replace the failed HPS street light. |

| 4. Potential Community/Public Concerns |
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| Big concern is residents complaining about new lights being too white/bright. Can you please provide examples of the lighting design concepts in terms of the extension of the light from the pole out to the road and what impacts this has residential areas, what is most ideal in rural areas?<br>How about the impact on people such as light pollution? Will we be able to access someone to help design light layouts?<br>- LED lighting shines more directly downward and has more defined cut-off, thus it has less light pollution.<br>- A design consultant would be the best resource to answer customers' questions on lighting designs for their communities.<br>- BC Hydro can provide referrals to qualified street light designers who are part of our Alliance of Energy Professional. |
| For the street light repairs, if BC Hydro does spot replacements, there will be inconsistent lighting levels. Any safety concerns with this?<br>- There may be some short-term inconsistencies but, generally, the new LED lights will provide better lighting output. BC Hydro believes there is minimal safety concerns. |
| We have street lights that burn out because of the infrastructure as we can see the casing fills with water.<br>- The entire HPS lighting fixture, not just the bulb, will be removed and a new LED luminaire will be installed.<br>- The new LED street light selected meets BC Hydro's water resistance standards. |
| What about communities with Dark Sky policies? It would be great to have information on dark sky compliance of new lights.<br>- The lights are designed to meet Dark Sky requirements; however, Dark Sky compliance only applies to 3000K lights. 4000K lights are not considered dark sky compliant based on the output light colour. |
| Is house side shielding going to be an option?<br>- The LED lighting provides better cut-off, so there should be less light spill into the residence.<br>- Most light spill can be minimized by adjusting light angles.<br>- We do not anticipate light spill issues whereby light shields are needed but can assess individual circumstances during LED deployment. |

| 5. Specific Questions relating to Indigenous Communities |
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| Is this the right place to ask about infrastructure on reserve? Some cement poles supporting street lights still remain in Tseshaht community. Will these be changed out at that time as well?<br>- Generally where a light is mounted on a concrete pole that is part of our distribution backbone, we will be replacing the lights and the poles in these cases. |
| Would a company of First Nation electricians in community be able to do this work? or bid on this?<br>- The installation services for Vancouver Island and the Northern Interior regions were procured through a public RFP process. For the Southern Interior region, an RFP was completed in compliance with BC Hydro's Indigenous procurement policies. There is also an open public RFP that is posted on BCBid for installation services in the Lower Mainland. |
| Would the equipment and services delivered into Indigenous Communities not be tax free (as appropriate on-reserve)?<br>- The tax-exempt status for property and services delivered to a First Nations Reserve area is only available to Indigenous people, the First Nation Band, and certain Band Enabled Entities who are located on the Reserve. In this case BC Hydro will be acquiring the LED lights for installation on poles that we own on the Reserve, so no PST or GST exemption is available.<br>- However, because BC Hydro can recover the GST we pay on the project from the government, only the PST we pay on LED street lights, photocells and other materials is included in the project costs used for rate calculation. |
| For Indigenous Communities, is there any opportunity to add this to the BC Hydro ICIP programs where we are implementing other measures to reduce costs and become more energy efficient?<br>- BC Hydro's Indigenous Communities Conservation Program (ICCP) provides support to Bands to conduct residential energy upgrades in their communities. ICCP is not applicable to the LED street light replacement project. |
| How would you take inventory or detail of indigenous near other nearby communities?<br>- Each street light is tagged with customer information in our asset database. We will provide the detailed street light list to customers to verify the lights they are responsible for in their communities. |

| 6. Rate Design and Costs |
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| General |
| Is the Street Light Charge the permanent charge for the new LED lights moving forward?<br>- Yes. BC Hydro will apply for an on-going rate as shown on slide 25 as the Street Light Charge.<br>- This charge will be subject to the annual increases or decreases that are approved for BC Hydro's revenue requirements applications. |
| Is it going to cost us extra to have BC Hydro lights removed from Hydro poles if we have our own street lights installed?<br>We will be rebuilding some streets and installing City lights, replacing Hydro lease lights. Will we have to pay depreciation if replacing a brand-new LED light?<br>We have a significant frontage improvement program over the next 5 year, so we may remove 100+ lease lights. Will we need to pay for the LED fixtures even after many have been removed or can we pay the costs in a one-time charge?<br>- At this time if customers want to discontinue the existing service and not install LEDs, there is no charge to do this.<br>- However, BC Hydro will apply to the BCUC for approval to impose a charge for early removal of any street lights that are converted to LED. The intent of the charge will recover the undepreciated value of the street light that BC Hydro is requested to remove and is intended to protect other customers.<br>- We encourage customers to plan ahead. Customers can contact our Street Light Support Team at LightingSupport@bchydro.com if they need to discuss their specific city light conversion plan further. |
| Will someone contact us on how it will personally affect us, and when we will start seeing changes?<br>- This customer has been contacted by our Street Light Support Team.<br>- Customers are welcome to contact our Street Light Support Team at LightingSupport@bchydro.com to learn more about the project and the impact to their accounts.<br>Do not agree with rate increases occurring months prior to actual service improvements! |

## 6. Rate Design and Costs

So our bills will be going up before the changes happen?

- RS 1701 is a postage stamp rate schedule. All customers are charged the same rate.
- BC Hydro will apply for an interim LED rate to be effective while the BCUC reviews the application. We expect that rate will be equal to the existing HPS rate. In this respect, the rate will not increase from current rates.
- We are proposing to initiate the supplemental charge before all customers' lights have been converted in keeping with the postage stamp nature of the rate.
- We have not decided on whether the interim rate should include the supplemental charge or the supplemental charge should start with the permanent rate and be recovered over fewer months, in which case it may be higher
- We will be requesting BCUC approval of an October 31 effective date for the Tariff change to enable lights to be replaced with LED fixtures and customers to be billed. BC Hydro will be seeking an interim and refundable rate that becomes effective on this date assuming a regulatory process will extend beyond this date.
- We need your feed back on the implementation of the supplemental charges. The total amount of the supplemental charge must be recovered but there is some limited flexibility related to when and how the charge is applied.

What would the cost be if we wanted to purchase these lights and pay for the installation on our own poles? Then we do not have to pay anything but the power moving forward.

- Customers can choose to take service under RS 1702 and be responsible for the installation and maintenance costs associated with the lights and pay BC Hydro only for the electricity consumed.
- We are not in a position to provide cost estimate information for this option as BC Hydro does not provide the service and is not familiar with the market information of such a service.

We are currently in the budget process and a $1.50 increase would result in $20,000 annual increase for our community. This is a difficult situation given most communities will be under the direction to have minimal increases after the implications of the pandemic.

- We acknowledge the difficulty and the timing of the rate change. However, we are required by the federal requirement to remove PCBs from our system.

Most municipalities are budgeting for 2021 right now. If an increased charge is being applied for next year, we need to know now.

- We will provide our best estimates on customer bill impacts in our rate application which will be submitted to the BCUC in late September.
- If customers require further assistance on bill payments upon the final decision by the BCUC, they are welcome to contact our Street Light Support Team at LightingSupport@bchydro.com to discuss payment plan options.

## 7. Request for More Information

Will we have to pay depreciation if replacing a brand-new LED light?

- There are currently no LED lights installed under RS 1701. Depreciation of the LED lights that will be installed is a component of the street light charge. The undepreciated value of the existing HPS lights that are removed before the end of their service life is recovered by the supplemental charge.
- BC Hydro will propose that where BC Hydro has installed an LED street light and the

| 7. Request for More Information |
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| customer then requests that street light be removed, the customer will be charged for the undepreciated value of the street light and the BC Hydro's costs to remove it, |
| Can BC Hydro provide information/inputs into how the streetlight charge is calculated?<br>- The slide deck provides a high-level overview on how the rate change from HPS to LED lights is determined on an average basis. This is done by applying marginal savings and additional costs to the current rate and RS1701 revenue.<br>- The detailed calculation will be included in our rate application |
| Can we be given the formula that calculates the $1 increase per light? How long will the additional $1/month/light be?<br>- The calculation of the supplemental charge is included in the slide deck. The supplemental charge will be in place until all LED lights are deployed. The charge is expected to end in 2024.<br>- The detailed calculation will be included in our rate application. |

| 8. Costs to Customers |
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| Will we see cost reduction after the initial increase to reflect decrease in cost for Hydro due to LED lights?<br>I can understand the initial increase due to capital cost to install the LED, I don't understand why the rate in future are not lower to reflect reduction in cost to hydro. Why is streetlight charge increasing when LED's are more efficient and you should 3% savings overall in the previous slide?<br>What savings are communities going to realize by switching to LED's? And how are costs of switching the equipment over going to be covered by the customer?<br>- The initial rate increase is not due to the capital costs associated with the replacement program, it is due to recovery of the value of the existing HPS street lights that are removed before the end of their service life.<br>- As shown in the slide deck, BC Hydro expects the average street lighting rate be reduced slightly following completion of the replacement program. This is the result of passing on maintenance and electricity savings, and the cost of the LED conversion (depreciating over the 20-year life expectancy of the new LED lights) to the customers.<br>- The actual rate experienced by individual customers may decrease or increase slightly and is dependent on the specific mix of lighting wattages for each customer. |
| If the charges are for capital and equipment, does that mean ongoing energy charges will be reduced? Since the LEDs will be using less energy than the old HPS lights and the equipment would have already been paid for.<br>- The per month pricing includes energy and demand related charges, maintenance and equipment costs as depreciation. Energy savings are reflected in the rate.<br>- Cost reduction is shown in the illustrative examples (slide 25).<br>Existing lights have not been fully paid for. They will be removed before they are fully depreciated; thus, we have proposed to recover this remaining value through the supplemental charge. |
| It will be very confusing for our City elected officials to understand why the rates will go up with new LED lights even after the additional temporary fee is paid off. We have done two large LED upgrades to municipal buildings this year and they both delivered positive return on investment. How do we explain to Council that LED streetlights will cost more? |

| 8. Costs to Customers |
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| - Coordinating the replacement of 90,000 street lights across the province with hundreds of customers adds complexity and costs to the program compared to other municipal LED street light conversions.<br>- The energy and maintenance savings of LED street lights will be offset by the cost of the replacement program.<br>- The rate increase (Supplemental Charge) is due to the need to recover the undepreciated value of the HPS lights. This charge will end when the LED conversion is complete. |
| Why did you decide to implement a supplemental charge rather than establishing a self-sustaining charge so you do not have to implement another supplemental fee when the LED lights need to be replaced in 20 years?<br>- We are proposing the supplemental charge because some of the existing equipment is not at the end of its service life and the under depreciated value must be recovered as the lights are replaced.<br>- A future supplement charge is only required when there is a fundamental change of street light technology to replace the LED lights. We anticipate the new LED street lights will last for at least the 20-year life span.<br>- BC Hydro cannot predict the development of street light technology or the requirement for a new street light rate application in 20 years. |

| 9. Pricing/Rate Design Elements |
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| Is the average capital cost per year based on a 20-year life of the fixture?<br>- The average capital cost calculation was based on 20-year depreciation for luminaires, and 40 years for the arms and wiring (if required). |
| For net book value, I would like to see details of that calculation. Life current fixture and current age of fixture. The actual age of the fixture can possibly exceed the life expectancy.<br>- All street lights are currently recorded in BC Hydro's asset database as mass assets. The net book value per light is therefore the average net book value for all lights installed as extracted from the asset database. We are not able to determine the net book value for individual lights or a specific customer's lights.<br>- Certainly some fixtures have little remaining value however we have continued to undertake maintenance and replacement of street lights as required as well as installing new street lights per customer requests, so not all fixtures are fully depreciated.<br>- More details will be included in the upcoming rate application. |
| Would we then pay for "mass" rather than for individual communities in terms of amount of lights?<br>- The total net book value for all street lights is divided by the total number of street lights to get an average net book value per light. This is the amount that must be recovered for each street light through the supplemental charge.<br>- Communities would then pay the supplemental charge based on the number of lights or their total street light bill amount in their community.<br>- We welcome customers' feedback on how the supplement charge should be calculated: a fixed amount for each light or a percentage of the total bill. |
| How do we explain to our Board that if our area may be last to be converted that we will be paying for the conversion for a number of months/years prior?<br>Shouldn't the charge be based on actual costs of number of lights and actual wattage for said lights to determine how much each customer pays? Your methodology implies an average shared amongst customers?<br>- Rate Schedule 1701 is an average rate for the entire system; BC Hydro is not proposing a specific rate for each community. This aligns with our postage stamp rate approach.<br>- The rates paid before and after conversion will be similar and may be slightly lower or higher than current rates depending on the customers specific lighting mix.<br>- The supplemental charge temporarily makes the rate higher during the implementation period, but the total amount of this charge is essentially the same regardless of when it is applied.<br>- Charging customers based on the actual conversion status adds complexity to billing and potentially the scheduling of the deployment, which would add costs.<br>- The Supplemental Charge would be applied based on the number of street lights that are billed under each customer account.<br>- There are options on how this charge is applied: either as a fixed charge per light or as a percentage of the billing amount.<br>- If applied as a percentage, the charge would vary by wattage. Higher wattage lights reflect the higher energy/demand and capital cost of the street light and this is reflected in the higher rate for these lights.<br>- We are seeking feedback from customer on their preference for how/ when the Supplement Charge is applied. |
| I'm having as difficult time understanding the rates and payback to cover capital cost...for example under rate 1702 where customer only pays for the hydro usage for 83 W LED approximately $3/month per light and under rate 1701 same wattage is approximately $18/mo. for a difference of $15/month over 12 months = $180. So if a fixture cost is $720 the capital would be paid for over 4 years. Would this not result in significant reduction over |

## 9. Pricing/Rate Design Elements

the expected life of 20+ years for light and 40+ years for the assembly.

- In RS 1702, the charge is for electricity only. In RS 1701, the charge includes investment for capital equipment, as well as the installation and ongoing maintenance of this equipment.

## 10. Salvage

What are the plans for the lights being replaced that are still usable? could there be some revenue to offset?

Are the components being replaced recyclable? And would that reduce costs?

- When the HPS or MV street lights are removed, all components that are recyclable, e.g. metal, glass, etc., will be recycled.

Is rate schedule taking into account any salvage value from lights being recycled?

- Yes. The salvage value of the removed assets is already included in the costs. BC Hydro's installation contractors will recycle or dispose of the removed equipment, and the resulting revenues were factored into their pricing.

## 11. Carbon Credits

Will BC Hydro receive all carbon credits, or will the customers receive the carbon credits applicable to their Communities?

- BC Hydro does not anticipate that any credits that would give rise to financial benefits will arise a result of the streetlight replacement.

## 12. General / Comments Questions

Electricity savings of the LED street light in the city of Richmond is over 40%, 9% is very low!!

- Please note that the RS 1701 rate is not an energy-only rate. Electricity (energy plus demand) represents less than 50% of the rate.
- We expect the energy consumption of the average LED street light will be reduced by approximately 40% from the current HPS street lights including ballast.
- However the RS 1701 rate also includes demand, maintenance and equipment components.
- The energy savings from the LED street lights will reduce the total RS1701 costs mentioned above by 9%.

Coquitlam used 4,000 on collectors, arterials, bus routes, and 3,000 on local roads. Burnaby does the same.

- Thank you for sharing your experience.

Would the Statute of Limitations apply to any potential back bill?

- BC Hydro is subject to the laws of British Columbia, including the provisions of the Utilities Commission Act, and acts in accordance with tariffs approved by the BCUC under the Utilities Commission Act. Back billing will need to be consistent with both.

Will BC Hydro also be applying to the Commission to rebalance the street lighting billing rates relative to other customer classes?

- No, this will not be a rate re-balancing application. The application will be about establishing rates for LED street lights under RS 1701.

**Appendix 1**
List of External Customers and Interveners – Street Lighting Engagement Workshop - August 12, 2020

| First name | Last name | Company |
|---|---|---|
| Alex | Adams | District of Chetwynd |
| Pardeep | Agnihotri | City of Abbotsford |
| | Alexis | Saik'uz First Nation |
| Mark | Allen | Town of Smithers |
| Ali | Alnaggar | Township of Langley |
| Chris | Anderson | City of West Kelowna |
| Bill | Andrews | BCSEA |
| Gayle | Andrews | Lil'wat Nation |
| Paul | Appelt | District of Sechelt |
| Poroshat | Assadian | City Of Richmond |
| Tania | Banke | Indigenous Services Canada |
| Rod | Bate | Village of Lytton |
| | Beale | District of Tumbler Ridge |
| Jordon | Beger | Skwah First Nation |
| Dylan | Bennett | Ministry of Transportation and Infrastructure |
| Dustin | Bennett | Comox Valley Regional District |
| Laura | Benson | City of Maple Ridge |
| Olivier | Bergevin | City of Courtenay |
| Evan | Berry | City of Cranbrook |
| Ernst | Bezema | District of Clearwater |
| Cory | Bob | Nanoose First Nation |
| Kerri | Borne | District of Mackenzie |
| Charles | Boulet | Cariboo Regional District |
| Kevin | Bowbyes | Town of View Royal |
| Holly | Brown | District of Houston |
| Kevin | Brown | Old Massett Village Council |
| Jack | Buchanan | EMPR |
| Meredith | Burmaster | Regional District of Fraser-Fort George |
| Melony | Burton | City of Port Coquitlam |
| Brian | Cairney | City of Kelowna |
| Ryan | Campeau | Town of Sidney |
| Rory | Card | District of Lillooet |
| Shaun | Chadburn | Municipality of North Cowichan |
| Sterling | Chan | FVRD |
| Marcus | Chan | City of Surrey |
| Ronald | Chand | City Of Fort St John |
| Adrian | Cheng | City of Burnaby |
| Hillary | Cheung | BCUC |
| Darrel | Chorney | City of Fort St. John |
| Vinh | Chung | Port Moody |
| Deborah | Churko | Regional District of Nanaimo |
| Boyd | Clark | Cooks Ferry Indian Band |

| First name | Last name | Company |
|---|---|---|
| Philip | Clement | Metlakatla First Nation |
| Jonathan | Coca | City of Surrey |
| Chris | Cochran | Town of Golden |
| Rob | Crisfield | Village of Cumberland |
| Graeme | Cross | City of Surrey |
| Elizabeth | Cumming | Village of Port Clements |
| Chris | Cvik | District of Hudson's Hope |
| Korbin | Davis | Doig River First Nation |
| Gil | Davis | West Moberly First Nations |
| Bruce | DeMaere | Town of Sidney |
| Maggie | Dennis | Iskut Band |
| Chris | Desautels | City of Duncan |
| John | Diggins | City of Parksville |
| Patrick | Donaghy | Regional District of Mount Waddington |
| Linda | Dong | Linda Dong Associates |
| Joe | Doxey | City of Parksville |
| Karen | Dube | Village of McBride |
| Katarina | Duke | FVRD |
| Robert | Ells | Transport Canada - Sandspit Airport |
| Will | Emo | University Endowment Lands |
| Duminda | Epa | City of Vancouver |
| Jim | Ervin | private |
| Asiyeh | Eslami | City of Delta |
| Tom | Eustache | SIMPCW First Nation |
| Jim | Fast | McLeod Lake Indian Band |
| Daniel | Fok | City of Abbotsford |
| Donna | Forseille | District of Wells |
| Kerri Jo | Fortier | Simpcw First Nation |
| Chris | Foskett | City Of Kamloops |
| Gabe | Fourchalk | District of Wells |
| Rod | Fraser | Ditidaht First Nation |
| Ernie | French-Downey | Takla First Nation |
| Wendy | Fulla | City of Nanaimo |
| Lisa | Gallic | Tseshaht First Nation |
| Darin | Gerow | City of Salmon Arm |
| Hirod | Gill | City of Langley |
| Daris | Gillis | District of Mackenzie |
| Michael | Gjaltema | City of Maple Ridge |
| Brian | Goble | District of Sooke |
| Jackie | Good | Snuneymuxw first nation |
| Dana | Graves | City of West Kelowna |
| Kelsey | Green | Corp. of the Village of Hazelton |
| Sukhmeet | Grewal | City of Delta |
| Thomas | Hackney | |
| Jerry | Halldorson | Township of Langley |

| First name | Last name | Company |
|---|---|---|
| Sue | Hanley | Homalco First Nation |
| Karl | Hansen | Village of Clinton |
| Evangeline | Hanuse | CCRD |
| Susan | Harney | Nanoose First Nation |
| Alan | Harris | Tomorrow Smithers |
| Lev | Hartfeil | Village of Telkwa |
| Jim | Hemstock | City of Nanaimo Engineering |
| George | Henshall | City of Langford |
| Ariane | Herzog | Town of Smithers |
| Scott | Hickling | Takla Nation |
| Shane | Hixson | Municipality of North Cowichan |
| Henry | Hon | City of Vancouver |
| Katie | Hooper | Esquimalt Nation |
| Terri-Ann | Houghton | District of Fort St. James |
| Wendy | Hunt | District of New Hazelton |
| John | Illes | Regional District of Bulkley Nechako |
| Christine | Ingham | Ministry of Transportation & Infrastructure |
| Nikki | Jackson | Squiala First Nation |
| Arnold | John | Tkemlups te Secwepemc |
| Alec | Johnnie | Cowichan Tribes |
| Bryce | Jones | Splatsin |
| Stephen | Judd | Port Moody |
| Hans | Karow | Eldorado Senior Mobile Home Park |
| Tyson | Koch | Village of Harrison Hot Springs |
| Nicole | Kohnert | Regional District of North Okanagan |
| Brandon | Kreager | Regional District of Mount Waddington |
| Kliment | Kuzmanovski | City of North Vancouver |
| Suzanne | Lafrance | Squamish-Lillooet Regional District |
| James | Lapointe | City of Kamloops |
| Iain | Larkin | District of Squamish |
| Connie | Larson | Village of Alert Bay |
| Leo | Lawson | Heiltsuk First Nation |
| Thomas | Liversidge | Village of Granisle |
| Pam | London | District of North Vancouver |
| Doug | Louie | City of Burnaby |
| Susan | Loutet | Village of Lions Bay |
| Ana | Lukyanova | City of Powell River |
| Brian | Lutke | Resort Municipality of Whistler |
| Robert | Machial | District of Kitimat |
| Steve | Magnusson | Township of Langley |
| Sheila | McCutcheon | Village of McBride |
| Danny | McGill | Union Bay Improvement District |
| Robert | McGuire | City of Fort St. John |
| Mandy | McKague | The Village of Clinton |
| Laura | McMaster | Village of Fraser Lake |

| First name | Last name | Company |
|---|---|---|
| Jeff | Miller | Township of Esquimalt |
| Stacey | Miranda | City of Fort St. John |
| Jarrod | Mitchell | City of Coquitlam |
| Robert | Moretti | TSIDELDEL First Nation |
| Shannon | Moskal | Regional District of East Kootenay |
| Shawn | Munro | District of North Saanich |
| Michael | Nash | City of New Westminster |
| Ryan | Nelson | District of Taylor |
| Victor | Nguyen | Tsawwassen First Nation |
| Sharon | Noble | none |
| Teneal | Nole | Tahltan Band Council |
| Stewart | Novak | Village of Belcarra |
| Ryan | Oss | District of North Vancouver |
| Chris | Ovens | City of Vernon |
| Scott | Pamminger | City of Nanaimo |
| Cindy | Paton | Regional District of Fraser-Fort George |
| Trevor | Pelletier | Village of Valemount |
| Tim | Perepolkin | City of Salmon Arm |
| Cameron | Perkin | City of Langley |
| Rosanna | Peters | Douglas First Nation |
| Rose | Peters | Chawathil First Nation |
| Allen | Peters | Lower Nicola Waterworks Improvement District |
| John | Pite | City of Duncan |
| Amit | Plaha | BCUC |
| Rochelle | Porter | Skeetchestn Indian Band |
| Snead | Prasad | City of Delta |
| Cougan | Purington | fnfn |
| Alex | Ramos-Espinoza | District of Kitimat |
| Rajesh | Reddy | City of Surrey |
| Paul | Riegert | Transportation |
| Leanne | Rivet | Cariboo Regional District |
| Vince | Robinson | Nuxalk Nation |
| Dale | Ross | Village of Burns Lake |
| Ranjit | Sall | Westernforest Products Inc. |
| Monica | Samuda | District of North Vancouver |
| Rob | Schibli | City of Terrace |
| Taryn | Scollard | City of Vancouver |
| Veronica | Seymour | Tkemlups te Secwepemc |
| Raphael | Shay | Sunshine Coast Regional District |
| Lisa | Siavashi | City of West Kelowna |
| Sharyn | Silverio | Village of McBride |
| Sharon | Smith | Village of Granisle |
| Roger | Smith | District of New Hazelton |
| Stacy | Smith | North Peace Regional Airport |
| Vance | Snow | Nuxalk Nation |

| First name | Last name | Company |
|---|---|---|
| Fred | Spears | District of Lantzville |
| Dwayne | Spies | City of Chilliwack |
| Meredith | Starkey | Village of Zeballos |
| Tammy | Strayer | Nicola Ranch |
| Susan | Swan | Village of Clinton |
| Chad | Taylor | City of Delta |
| Dennis | Taylor | City of Vernon |
| Lisa | Teggarty | Town of Smithers |
| David | Thompson | City of Nanaimo |
| Chris | Thompson | City of Courtenay |
| Austin | Tokarek | CVRD |
| Spencer | Touchie | Ucluelet First Nation |
| Andrew | U'Ren | City of Merritt |
| Scott | Unser | District of Lake Country |
| Khelen | Upadhyay | City of Delta |
| Cathy | Verge | SCRD |
| Ellen | Vickerson | City of Revelstoke |
| Jesse | Waldorf | Sechelt Indian Band |
| Travis | Wall | District of Mackenzie |
| Feron | Wallace | Lil'wat Nation |
| Oliver | Watson | Town of Qualicum Beach |
| Fred | Weisberg | Weisberg Law Corporation |
| Terry | Wilson | City of Coquitlam |
| Jamie | Wilson | Homalco Indian Band |
| Hon | Yee | City of Delta |
| Andrew | Young | District of Taylor |