

Message

From: LEE John -TREASURY [john.s.lee@opg.com]
Sent: 2017-04-21 1:29:35 PM
To: Kim Marshall [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=b63a22b42bf14587870d93119a054d88-Kim Marshall]; Alan Hibben [alan.hibben@rogers.com]
CC: Anthony Martinello [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=3fb7d76317b34780b15d96309b995c31-Anthony Mar]; HARTWICK Ken - FINANCE [ken.hartwick@opg.com]; GO Matthew -TREASURY [matthew.go@opg.com]; RYFA Ken -TREASURY [ken.ryfa@opg.com]; WONG Leslie -LAWDIV [leslie.wong@opg.com]; HAHN PARKER Janet -TREASURY [j.hahnparker@opg.com]
Subject: RE: EXTERNAL - interest cash flow

Kim:

Matt Go is handling the IESO purchase/Sale and collection processes from OPG perspective. He has already starting mapping out our thoughts on the process. I will have him reach out to Anthony to arrange a call to discuss the issues.

John

From: Kim Marshall [mailto:Kim.Marshall@ieso.ca]
Sent: Friday, April 21, 2017 11:54 AM
To: Alan Hibben; LEE John -TREASURY
Cc: Anthony Martinello; HARTWICK Ken -FINANCE
Subject: EXTERNAL - interest cash flow

*** Exercise caution. This is an EXTERNAL email. DO NOT open attachments or click links from unknown senders or unexpected email. ***

Alan, you raise the pass through of interest. I know we need at least a first cut of understanding this process for the comfort of OPG and IESO accountants. Anthony on our side will help with documenting the process next week. John, should he connect with you or someone else re this?

Kimberly Marshall | VP, Corporate Services & CFO

Independent Electricity System Operator (IESO) | T: (416) 969-6232 | C: (416) 545-7202
120 Adelaide Street West, Suite 1600, Toronto, ON M5H 1T1
Web: www.ieso.ca | Twitter: [IESO_Tweets](https://twitter.com/IESO_Tweets) | LinkedIn: [IESO](https://www.linkedin.com/company/ieso)

Corporate Services collaborates with you to deliver solutions and expertise that enable the IESO to achieve its goals.

Conservation: www.saveONenergy.ca | Twitter: [saveONenergyOnt](https://twitter.com/saveONenergyOnt) | LinkedIn: [saveONenergy](https://www.linkedin.com/company/saveONenergy)

From: Alan Hibben [mailto:alan.hibben@rogers.com]
Sent: April 21, 2017 11:34 AM
To: 'Kacaba, Jennifer (ENERGY)'; 'Rehob, James (ENERGY)'; 'Shear, Dan (ENERGY)'; 'Nelms, Scott (MOF)'; 'Hume, Steen (ENERGY)'; 'Christie, Tim (ENERGY)'; Leslie.Wong@opg.com; "MCAULEY Tyler -LAWDIV"; John.S.Lee@opg.com; JUDY.WILSON@blakes.com; Stephen.Ashbourne@blakes.com; Bryson.Stokes@blakes.com; Brad.Purkis@tdsecurities.com; Maharukh.Hilloowala@tdsecurities.com; Michael.Wolff@tdsecurities.com; Harold.Holloway@tdsecurities.com; 'Niehaus, Katrina'; 'Benaiah, Ian'; 'Nevison, Gary'; 'Thom, Trevor'; 'Akman, Steven'; 'Thompson, Susan'; 'Manii, David'; 'Feldman, Michael'; 'Persaud, Donnie - Debt Capital Markets'; 'Hill, Krista'; 'Turnbull, Vickie'; 'Dal Bello, David'; 'Mansoori, Nina'; 'Sebastiano, Rocco'; 'Fitzpatrick, Michael F.'; Michael Boll; Kim Marshall; 'Veinot, Cindy (TBS)'; 'Glenn Zacher'; 'O'Brian, Adam'; 'Emes, Aaron'; 'Peter Hamilton'; 'JORDA Jenny -FIN & C CTRL';

maryanne.aldred@ontarioenergyboard.ca; 'Petsche, Nadine (TBS)'; rramchandani@torys.com

Cc: 'Calwell, Carolyn (ENERGY/MEDEI/MRI)'; 'Myers, Jonathan'; 'Suzie Gignac'; 'Blake Langill';

LeeAnne.Probert@ca.ey.com; 'Kandeepan, Ken (OFA)'; 'Hosick, Sarah (TBS)'; 'Johnson, Paul (ENERGY/MEDEI/MRI)'

Subject: RE: Ontario Fair Hydro Plan

I have a couple of comments. I apologize in advance that I have not been able to keep up with all the drafting and other decisions, so to the extent that these elements have already been agreed by OPG, I apologize.

1. "Clarification with respect to regulations" should refer to "any proposal to make *or amend* a regulation"
2. "Average baseline rate" is this calculated **before** the announced HST rebate?
3. "Fair Adjustment May 1, 2018 to April 30, 2022" – would like to make sure that the regulations allow for a pass-through of interest on investment assets in this time period.
4. "Principles of fair adjustment" why does this refer to the time value of money rather than funding costs of the investment assets?
5. "Fair Allocation Plan" this is still in the document, but now without any use or definition. Is this a holdover? Would be good to get rid of the concept completely
6. "Estimated funding amount" should include original issue discount (if any)

From: Kacaba, Jennifer (ENERGY) [<mailto:Jennifer.Kacaba@ontario.ca>]

Sent: April 20, 2017 5:59 PM

To: Rehob, James (ENERGY) <James.Rehob@ontario.ca>; Shear, Dan (ENERGY) <Dan.Shear@ontario.ca>; Nelms, Scott (MOF) <Scott.Nelms@ontario.ca>; Hume, Steen (ENERGY) <Steen.Hume@ontario.ca>; Christie, Tim (ENERGY) <Tim.Christie@ontario.ca>; Leslie.Wong@opg.com; 'MCAULEY Tyler -LAWDIV' (tyler.mcauley@opg.com) <tyler.mcauley@opg.com>; John.S.Lee@opg.com; JUDY.WILSON@blakes.com; Stephen.Ashbourne@blakes.com; Bryson.Stokes@blakes.com; 'Alan Hibben' (alan.hibben@rogers.com) <alan.hibben@rogers.com>; Brad.Purkis@tdsecurities.com; Maharukh.Hilloowala@tdsecurities.com; Michael.Wolff@tdsecurities.com; Harold.Holloway@tdsecurities.com; 'Niehaus, Katrina' <Katrina.Niehaus@gs.com>; 'Benaiah, Ian' <ian.benaiah@rbccm.com>; Nevison, Gary (Gary.Nevison@tdsecurities.com) <Gary.Nevison@tdsecurities.com>; Thom, Trevor (Trevor.Thom@tdsecurities.com) <Trevor.Thom@tdsecurities.com>; Akman, Steven (Steven.Akman@tdsecurities.com) <Steven.Akman@tdsecurities.com>; Thompson, Susan (Susan.Thompson@tdsecurities.com) <Susan.Thompson@tdsecurities.com>; Manii, David (david.manii@tdsecurities.com) <david.manii@tdsecurities.com>; 'Feldman, Michael' <mfeldman@torys.com>; 'Persaud, Donnie - Debt Capital Markets' <Donnie.Persaud@cibc.com>; 'Hill, Krista' <khill@torys.com>; 'Turnbull, Vickie' <vickie.turnbull@rbccm.com>; 'Dal Bello, David' <david.dalbello@rbccm.com>; 'Mansoori, Nina' <nmansoori@torys.com>; 'Sebastiano, Rocco' <RSebastiano@osler.com>; 'Fitzpatrick, Michael F.' <MFitzpatrick@hunton.com>; michael.boll@ieso.ca; Kim Marshall <Kim.Marshall@ieso.ca>; Veinot, Cindy (TBS) <Cindy.Veinot@ontario.ca>; 'Glenn Zacher' <GZacher@stikeman.com>; 'O'Brian, Adam' <aobrian@hunton.com>; 'Emes, Aaron' <aemes@torys.com>; 'Peter Hamilton' <PHamilton@stikeman.com>; 'JORDA Jenny -FIN & C CTRL' <jenny.jorda@opg.com>; maryanne.aldred@ontarioenergyboard.ca; 'Petsche, Nadine (TBS)' <Nadine.Petsche@ontario.ca>; rramchandani@torys.com

Cc: Calwell, Carolyn (ENERGY/MEDEI/MRI) <Carolyn.Calwell@ontario.ca>; 'Myers, Jonathan' <jmyers@torys.com>; Suzie Gignac (suzie.r.gignac@ca.ey.com) <suzie.r.gignac@ca.ey.com>; Blake Langill (blake.w.langill@ca.ey.com) <blake.w.langill@ca.ey.com>; LeeAnne.Probert@ca.ey.com; Kandeepan, Ken (OFA) <Ken.Kandeepan@ofina.on.ca>; Hosick, Sarah (TBS) <Sarah.Hosick@ontario.ca>; Johnson, Paul (ENERGY/MEDEI/MRI) <Paul.Johnson3@ontario.ca>

Subject: RE: Ontario Fair Hydro Plan

All - Please find attached the next turn in the consultation draft (v.3) of the proposed legislation. We have been working to address the feedback that you provided earlier in the week. A number of points remain in progress. As with the earlier versions, by sharing this document, we hope to continue to advance our discussions.

Our timeline has been extended and we are now working to a pens down date of April 28th. We will not get another extension. Accordingly, we ask for your detailed, written comments on the draft, which we require no later than Sunday at noon.

We will continue to work on the bill in the interim, so earlier instructions are helpful to us. With your input on this timeline, we expect to be able to provide one more circulation around Tuesday or Wednesday next week.

We have not had the opportunity to add notes or to update our crosswalk to the Blakes summary document.

We look forward to receiving your written comments.

Jennifer

Jennifer J. Kacaba
Counsel
MAG Civil Law Division
Ministries of Energy / Economic Development & Growth /
Research, Innovation & Science / Infrastructure / Accessibility
56 Wellesley Street West, 18th Floor.
Toronto
M7A 2E7
(416) 212-4867

This communication may be solicitor/client privileged and contain confidential information only intended for the person(s) to whom it is addressed. Any dissemination or use of this information by others than the intended recipient(s) is prohibited. If you have received this message in error please notify the writer and permanently delete the message and all attachments. Thank you.

From: Kacaba, Jennifer (ENERGY)

Sent: April 17, 2017 12:00 PM

To: Rehob, James (ENERGY); Shear, Dan (ENERGY); Nelms, Scott (MOF); Hume, Steen (ENERGY); Christie, Tim (ENERGY); Leslie.Wong@opg.com; 'MCAULEY Tyler -LAWDIV' (tyler.mcauley@opg.com); John.S.Lee@opg.com; JUDY.WILSON@blakes.com; Stephen.Ashbourne@blakes.com; Bryson.Stokes@blakes.com; 'Alan Hibben' (alan.hibben@rogers.com); Brad.Purkis@tdsecurities.com; Maharukh.Hilloowala@tdsecurities.com; Michael.Wolff@tdsecurities.com; Harold.Holloway@tdsecurities.com; 'Niehaus, Katrina'; 'Benaiah, Ian'; Nevison, Gary (Gary.Nevison@tdsecurities.com); Thom, Trevor (Trevor.Thom@tdsecurities.com); Akman, Steven (Steven.Akman@tdsecurities.com); Thompson, Susan (Susan.Thompson@tdsecurities.com); Manii, David (david.manii@tdsecurities.com); 'Feldman, Michael'; 'Persaud, Donnie - Debt Capital Markets'; 'Hill, Krista'; 'Turnbull, Vickie'; 'Dal Bello, David'; 'Mansoori, Nina'; 'Sebastiano, Rocco'; 'Fitzpatrick, Michael F.'; michael.boll@ieso.ca; Kim Marshall; Veinot, Cindy (TBS); 'Glenn Zacher'; 'O'Brian, Adam'; 'Emes, Aaron'; 'Peter Hamilton'; 'JORDA Jenny -FIN & C CTRL'; maryanne.aldred@ontarioenergyboard.ca; Petsche, Nadine (TBS)

Cc: Calwell, Carolyn (ENERGY/MEDEI/MRI); 'Myers, Jonathan'; Suzie Gignac (suzie.r.gignac@ca.ey.com); Blake Langill (blake.w.langill@ca.ey.com); LeeAnne.Probert@ca.ey.com; Kandeepan, Ken (OFA); Hosick, Sarah (TBS)

Subject: RE: Ontario Fair Hydro Plan

Please find attached a further turn of the consultation draft. This document continues to be a work in progress. We have not had the opportunity to add notes or update our tracking table. We also have not yet considered the comments that we received this morning. We look forward to seeing you at 1.

Jennifer

Jennifer J. Kacaba

Counsel
MAG Civil Law Division
Ministries of Energy / Economic Development & Growth /
Research, Innovation & Science / Infrastructure / Accessibility
56 Wellesley Street West, 18th Floor.
Toronto
M7A 2E7
(416) 212-4867

This communication may be solicitor/client privileged and contain confidential information only intended for the person(s) to whom it is addressed. Any dissemination or use of this information by others than the intended recipient(s) is prohibited. If you have received this message in error please notify the writer and permanently delete the message and all attachments. Thank you.

From: Calwell, Carolyn (ENERGY/MEDEI/MRI)

Sent: April 15, 2017 10:06 PM

To: Rehob, James (ENERGY); Shear, Dan (ENERGY); Kacaba, Jennifer (ENERGY); Nelms, Scott (MOF); Hume, Steen (ENERGY); Christie, Tim (ENERGY); Leslie.Wong@opg.com; 'MCAULEY Tyler -LAWDIV' (tyler.mcauley@opg.com); John.S.Lee@opg.com; JUDY.WILSON@blakes.com; Stephen.Ashbourne@blakes.com; Bryson.Stokes@blakes.com; 'Alan Hibben' (alan.hibben@rogers.com); Brad.Purkis@tdsecurities.com; Maharukh.Hilloowala@tdsecurities.com; Michael.Wolff@tdsecurities.com; Harold.Holloway@tdsecurities.com; 'Niehaus, Katrina'; 'Benaiah, Ian'; Nevison, Gary (Gary.Nevison@tdsecurities.com); Thom, Trevor (Trevor.Thom@tdsecurities.com); Akman, Steven (Steven.Akman@tdsecurities.com); Thompson, Susan (Susan.Thompson@tdsecurities.com); Manii, David (david.manii@tdsecurities.com); 'Feldman, Michael'; 'Persaud, Donnie - Debt Capital Markets'; 'Hill, Krista'; 'Turnbull, Vickie'; 'Dal Bello, David'; 'Mansoori, Nina'; 'Sebastiano, Rocco'; 'Fitzpatrick, Michael F.'; michael.boll@ieso.ca; Kim Marshall; Veinot, Cindy (TBS); 'Glenn Zacher'; 'O'Brian, Adam'; 'Emes, Aaron'; 'Peter Hamilton'; 'JORDA Jenny -FIN & C CTRL'; maryanne.albred@ontarioenergyboard.ca; Petsche, Nadine (TBS)

Cc: 'Myers, Jonathan'; Suzie Gignac (suzie.r.gignac@ca.ey.com); Blake Langill (blake.w.langill@ca.ey.com); LeeAnne.Probert@ca.ey.com; Kandeepan, Ken (OFA); Hosick, Sarah (TBS)

Subject: Ontario Fair Hydro Plan

All - Please find attached the draft "Intergenerational Fairness in Hydro Rates Act, 2017". A tremendous amount of work has gone into getting to this draft and much more work is required to get this ready for the House. The goal of sharing this document now is to further the process we have engaged in over the last weeks. In the attached, we have included notes to try to address where the drafting is not yet consistent with our thinking. These notes are neither comprehensive nor complete. They are intended only as flags and as colour to the draft. We have not forgotten the comments that you have already provided and we are continuing to working through the translation of the commercial terms we have been discussing into legislative language.

For ease of reference, included with the draft bill are the partially updated Blakes' summary, a chart that attempts links the articles in that document to the sections of the bill (which is imperfectly numbered at best) and excerpts from the Electricity Act and the Ontario Energy Board Act, related to the consequential amendments.

In your review, please focus on the broad stroke concepts, rather than the minutia, and keep in mind the cascade of instruments that will be required – legislation first, then regulations and finally commercial agreements. We look forward to discussing the broader concepts on Monday

Carolyn Calwell
Legal Director

MAG Civil Law Division
Ministries of Energy / Economic Development & Growth /
Research, Innovation & Science / Infrastructure / Accessibility
416-212-8392

This communication may be solicitor/client privileged and contain confidential information only intended for the person(s) to whom it is addressed. Any dissemination or use of this information by others than the intended recipient(s) is prohibited. If you have received this message in error please notify the writer and permanently delete the message and all attachments. Thank you.

This e-mail message and any files transmitted with it are intended only for the named recipient(s) above and may contain information that is privileged, confidential and/or exempt from disclosure under applicable law. If you are not the intended recipient(s), any dissemination, distribution or copying of this e-mail message or any files transmitted with it is strictly prohibited. If you have received this message in error, or are not the named recipient(s), please notify the sender immediately and delete this e-mail message.

THIS MESSAGE IS ONLY INTENDED FOR THE USE OF THE INTENDED RECIPIENT(S) AND MAY CONTAIN INFORMATION THAT IS PRIVILEGED, PROPRIETARY AND/OR CONFIDENTIAL. If you are not the intended recipient, you are hereby notified that any review, retransmission, dissemination, distribution, copying, conversion to hard copy or other use of this communication is strictly prohibited. If you are not the intended recipient and have received this message in error, please notify me by return e-mail and delete this message from your system. Ontario Power Generation Inc.