

Message

From: George Pessione [/O=POWER AUTHORITY/OU=FIRST ADMINISTRATIVE GROUP/CN=RECIPIENTS/CN=GEORGE.PESSIONE]
Sent: 2016-11-24 11:12:05 PM
To: Michael Lyle [/O=POWER AUTHORITY/OU=First Administrative Group/cn=Recipients/cn=Michael.Lyle]
CC: Joyce Poon [/O=POWER AUTHORITY/OU=First Administrative Group/cn=Recipients/cn=Joyce.Poon]; Jordan Penic [/O=POWER AUTHORITY/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=Jordan Penic1d9]
Subject: Fw: updated status quo
Attachments: Estimate of Costs without LRP II and EFW.xlsx

FYI - This was quickly compiled to respond to the ministry's urgent request for data with these specific assumptions to address questions from the MO and beyond.

The heavy caveats are to make it clear the impact that the Time vs Quality compromise may cause. We determined that not responding is not an option, since we recognize the important work underway and that IESO is clearly uniquely positioned to address -- in any case we have seen the executive pressure applied even when we say yes.

Although we try to make efforts to develop the more complete analysis for the questions on the renewables, these urgent requests for "quick and dirty" calculations that result in risky & rough approximations, get in the way of the more complete answers and can result in confusion of the results even internally within the IESO as we have seen.

We will continue to manage the interface with our colleagues up the street and get the job done.

George

Sent from my BlackBerry 10 smartphone on the Rogers network.

From: Joyce Poon <Joyce.Poon@ieso.ca>
Sent: Thursday, November 24, 2016 5:14 PM
To: Christie, Tim (ENERGY)
Cc: Bergman, Mark (ENERGY); George Pessione; Cayley, Daniel (ENERGY); Malecki, Justin (ENERGY)
Subject: RE: updated status quo

Hi Daniel and Tim,

Please find attached the additional information requested. This attached is an Estimate of Costs that includes the elimination of the LRP II and EFW procurements. There is no changes made for the new Hydro Quebec deal, ICI expansion, Proceeds Recycling, RRRP increase.

It is important to recognize that the excluded items listed and the draft nature of this LRP II and EFW case run will have implications on the information attached. IESO is of the view that this attached information should be used with caution and is a DRAFT that recognizes the exclusion and refinement that need to be made. For example, the ICI expansion will impact the GA rates provided, the Hydro Quebec deal will also likely reduce the HOEP rates, and etc.

As a result, please ensure that information used from the attachment notes the fact these are draft numbers and identify the exclusions noted above.

Joyce

From: Christie, Tim (ENERGY) [mailto:Tim.Christie@ontario.ca]
Sent: November 24, 2016 2:23 PM

To: Malecki, Justin (ENERGY); Joyce Poon
Cc: Bergman, Mark (ENERGY)
Subject: RE: updated status quo

We also need the total GA and total HOEP for each year. Thanks!

Tim

From: Christie, Tim (ENERGY)
Sent: November-24-16 1:50 PM
To: Malecki, Justin (ENERGY); Joyce Poon
Cc: Bergman, Mark (ENERGY)
Subject: RE: updated status quo

Hi Joyce just following up on this request. We'd like to get the numbers today to use in our rate mitigation project.

Tim

From: Malecki, Justin (ENERGY)
Sent: November-23-16 10:00 AM
To: Joyce Poon
Cc: Cayley, Daniel (ENERGY); Bergman, Mark (ENERGY); Ho, Larissa (ENERGY); Christie, Tim (ENERGY); George Pessione; Andrew Pietrewicz
Subject: RE: updated status quo

Hi Joyce,

Thanks for this information. Can you provide the same residential bill and industrial rate projections but extended out until 2035 (leaving out the "Ministry Inputs" for years 2021+)?

Thanks,

Justin Malecki, PhD
Senior Advisor, Energy System Planning
Ontario Ministry of Energy
416-325-9372

From: Joyce Poon [<mailto:Joyce.Poon@ieso.ca>]
Sent: November-22-16 5:01 PM
To: Christie, Tim (ENERGY); George Pessione; Andrew Pietrewicz; Anthy Lovachis
Cc: Cayley, Daniel (ENERGY); Malecki, Justin (ENERGY); Bergman, Mark (ENERGY); Ho, Larissa (ENERGY); Bruce Campbell; David Richardson; Anna Lafoyiannis; Steve Chui; Alan Leung
Subject: RE: updated status quo

Hi Tim and the MOE folks,

Please find attached the Residential Monthly Bill (assuming 750 KWh/Mth) and Industrial Rates, which includes the Ministry of Energy's cost assumptions for the Proceeds Recycling, RRRP, and ICI Expansion as given below. These cost assumptions are layer on to the residential bills and industrial rates produced from a Draft Case Run of the OPO that excludes LRP II (plus expansion) and EFW procurement programs. The model run does not have the current Hydro Quebec deal included.

The AG report indicated that the residential bill increased by 23% from 2015 to 2020, as based on the 2013 LTEP. The current attached residential bill increase for the 2015 to 2020 period is 18%.

I hope this helps.

Cheers,

Joyce Poon | Senior Planner

Independent Electricity System Operator (IESO) | T: (416) 969-6024 | C: (416) 294-4942 | E: joyce.poon@ieso.ca

1600 - 120 Adelaide Street West, Toronto, Ontario, M5H 1T1

Web: www.ieso.ca | Twitter: [IESO_Tweets](https://twitter.com/IESO_Tweets) | LinkedIn: [IESO](https://www.linkedin.com/company/ieso)

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

From: Christie, Tim (ENERGY) [<mailto:Tim.Christie@ontario.ca>]

Sent: November 22, 2016 3:38 PM

To: George Pessione; Andrew Pietrewicz; Joyce Poon; Anthy Lovachis

Cc: Cayley, Daniel (ENERGY); Malecki, Justin (ENERGY); Bergman, Mark (ENERGY); Ho, Larissa (ENERGY)

Subject: RE: updated status quo

Hi George, yes this is a separate request.

Here's the data that we're using on the costs of new programs:

Average Class A (\$/MWh)	2017	2018	2019	2020
Proceeds Recycling	- 4.68	- 4.66	- 4.79	- 4.74
RRRP	0.80	0.82	0.83	0.85
ICI Expansion*	0	0	0	0

* existing Class A

Typical Residential (750 kWh/month)	2017	2018	2019	2020
Proceeds Recycling	0	0	0	0
RRRP	0.60	0.61	0.62	0.64
ICI Expansion	0.42	0.42	0.42	0.42

From: George Pessione [<mailto:George.Pessione@ieso.ca>]

Sent: November-22-16 3:20 PM

To: Christie, Tim (ENERGY); George Pessione; Andrew Pietrewicz; Joyce Poon; Anthy Lovachis

Cc: Cayley, Daniel (ENERGY); Malecki, Justin (ENERGY); Bergman, Mark (ENERGY)

Subject: Re: updated status quo

Tim - So to clarify - this is a separate and new request from what we were discussing on the impact of renewables. I believe Joyce has called you to get more info.

Sent from my BlackBerry 10 smartphone on the Rogers network.

From: Christie, Tim (ENERGY)
Sent: Tuesday, November 22, 2016 1:38 PM
To: George Pessione; Andrew Pietrewicz; Joyce Poon; Anthy Lovachis
Cc: Cayley, Daniel (ENERGY); Malecki, Justin (ENERGY); Bergman, Mark (ENERGY)
Subject: updated status quo

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Further update on this, we now need an updated status quo forecast to include in our response back to the AG's office regarding the 23% increase 2015 to 2020. Ideally it would be OPO + LRP/EFWSOP suspension, QC deal, ICI expansion, RRRP, 8% rebate, and proceeds recycling. However, we need it by end of day so I understand the LRP may not be possible. We'll share whatever data we have on the other items. I believe the DM is also speaking to Bruce directly.

Tim

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