

RE: LTEP Modules

From: Anthy Lovachis <anthy.lovachis@ieso.ca>
To: "Armstrong, Hillary (ENERGY)" <hillary.armstrong@ontario.ca>
Cc: "Schlaepfer, Martin (ENERGY)" <martin.schlaepfer@ontario.ca>, David Barrett <david.barrett@ieso.ca>
Date: Fri, 16 Mar 2018 15:05:38 -0400
Attachments: IESO's responses to LTEP Modules comments 2018-03-16.docx (39.98 kB)

Hi Hillary –

IESO responses are attached in orange . Generally, the IESO is okay with the proposed changes in the supply module and is happy for the ministry to make the revisions. A response to the nuclear costs are also included in the attached.

With respect to the demand module, I'm inclined to say that this is supposed to be 2017; however, I will confirm with you on Monday (a few folks are away today).

Cheers,
Anthy

From: Armstrong, Hillary (ENERGY) [mailto:Hillary.Armstrong@ontario.ca]
Sent: March 16, 2018 10:27 AM
To: Anthy Lovachis
Cc: Schlaepfer, Martin (ENERGY); David Barrett
Subject: RE: LTEP Modules

Hi Anthy,

Thanks for helping organize the call this morning. I think it was useful to discuss instead of doing another round of email exchanges on some of the items. Just so we're all on the same page, I just wanted to confirm next steps for the ministry and IESO following our meeting.

Ministry

- Make updates to the cost module (e.g. revise spelling out of CBDR, delete cell A1 in tab 10, revise electric commodity cost tab).

IESO

- Supply module – confirm that IESO is ok with the proposed changes and if they will make the revisions to this module (e.g. spelling out CBDR in the notes section, adding a note in the Installed MW of Directed" tab).
- Confirm unit cost of nuclear numbers are ok.

Also, we were looking at the demand module, and in the Industrial Intensity tab, we wanted to confirm that 2007 dollars is accurate. We weren't sure if this was a typo and should be 2017, or if it should actually be 2007, so just wanted to confirm with you. I've included a screen shot, to it's easier to see.

Let me know if you have any questions, and happy to chat about any of this.

Thanks,
Hillary

2017 LTEP M

	A	B	C	D	E	F	G	H	I	
1	Industrial Intensity									
2		2017	2018	2019	2020	2021	2022	2023	2024	2025
3	Industrial Intensity (kWh/\$2007 GDP)	0.38	0.38	0.37	0.37	0.37	0.37	0.36	0.35	0.34
4	Industrial GDP (Million \$2007)	86,206	87,154	88,032	89,215	90,236	91,236	92,484	93,725	95,000
5										
6	Note:									
7	Intensity is at customer level									
8										
9										
10										
11										

From: Armstrong, Hillary (ENERGY)
Sent: March 14, 2018 5:18 PM
To: 'David Barrett' <david.barrett@ieso.ca>; 'Anthony Lovachis' <Anthony.Lovachis@ieso.ca>
Cc: Schlaepfer, Martin (ENERGY) <Martin.Schlaepfer@ontario.ca>
Subject: RE: LTEP Modules

Hi there, so we have something in the calendar, I've sent out an invite for 10am tomorrow. Let me know if this time doesn't work, and I can reschedule.

Thanks,
 Hillary

From: Armstrong, Hillary (ENERGY)
Sent: March 14, 2018 4:03 PM
To: David Barrett <david.barrett@ieso.ca>
Cc: Schlaepfer, Martin (ENERGY) <Martin.Schlaepfer@ontario.ca>; Anthony Lovachis <Anthony.Lovachis@ieso.ca>
Subject: RE: LTEP Modules

Hi David,

Attached is the note with our responses on purple. I've deleted all comments that have been addressed (some of your comments in blue are also considered addressed, but I've kept them in since they are still new comments). I think for most of the ministry comments, these are easy to address and won't require much conversation, there are just a couple we would want to talk through.

My plan is to do some live editing in the room for some of the easy small changes that we can make, so we can cross some of the items off the list.

Can you let me know a time that works best from your end? Then I can send out a teleconference invite.

Thanks,
 Hillary

From: Armstrong, Hillary (ENERGY)
Sent: March 14, 2018 2:14 PM
To: David Barrett <david.barrett@ieso.ca>
Cc: Schlaepfer, Martin (ENERGY) <Martin.Schlaepfer@ontario.ca>; Anthony Lovachis <Anthony.Lovachis@ieso.ca>
Subject: RE: LTEP Modules

I'll let you know as soon as possible so you can have the right people as well, I'm just confirming a couple comments myself.

Sent with BlackBerry Work
 (www.blackberry.com)

From: David Barrett <david.barrett@ieso.ca>
Date: Wednesday, Mar 14, 2018, 2:10 PM
To: Armstrong, Hillary (ENERGY) <Hillary.Armstrong@ontario.ca>
Cc: Schlaepfer, Martin (ENERGY) <Martin.Schlaepfer@ontario.ca>; Anthony Lovachis <Anthony.Lovachis@ieso.ca>
Subject: RE: LTEP Modules

So we can get the right people lined up, what's the nature of the clarification needed?

From: Armstrong, Hillary (ENERGY) [<mailto:Hillary.Armstrong@ontario.ca>]
Sent: March 14, 2018 1:44 PM
To: David Barrett
Cc: Schlaepfer, Martin (ENERGY); Anthony Lovachis
Subject: RE: LTEP Modules

Hi David,

We had a couple clarifying questions on the comments you sent back on the modules. Since we want to release next week, we thought it might be best to set up a quick call to talk them through instead of doing another back and forth through email. I should have the comments available to send to you shortly.

Do you think it would be possible to set up a quick call for tomorrow morning to discuss? I would invite the relevant staff from our ministry to talk through their questions/comments.

Thanks,
Hillary

From: Armstrong, Hillary (ENERGY)
Sent: March 12, 2018 8:46 AM
To: David Barrett < david.barrett@ieso.ca >
Cc: Schlaepfer, Martin (ENERGY) < Martin.Schlaepfer@ontario.ca >; Anthony Lovachis < Anthony.Lovachis@ieso.ca >
Subject: RE: LTEP Modules

Hi David,

Yes, it is our intention to release the modules with at the same time as the OER.

And thank you very much for sending the modules last week.

Thanks,
Hillary

Sent with BlackBerry Work
(www.blackberry.com)

From: David Barrett < david.barrett@ieso.ca >
Date: Monday, Mar 12, 2018, 8:41 AM
To: Armstrong, Hillary (ENERGY) < Hillary.Armstrong@ontario.ca >
Cc: Schlaepfer, Martin (ENERGY) < Martin.Schlaepfer@ontario.ca >, Anthony Lovachis < Anthony.Lovachis@ieso.ca >
Subject: RE: LTEP Modules

Checking – do you have a target timeline to release the modules? I've heard possibly timed with the next OER, but I wasn't sure.

Thanks,
David

From: David Barrett
Sent: March 09, 2018 3:36 PM
To: 'Armstrong, Hillary (ENERGY)'
Cc: Schlaepfer, Martin (ENERGY); Anthony Lovachis
Subject: RE: LTEP Modules

Hillary, updates and responses attached. Modules 2/4/6 did not change so they're not attached. We will have responses on nuclear price next week.

Thanks,
David

From: Armstrong, Hillary (ENERGY) [<mailto:Hillary.Armstrong@ontario.ca>]
Sent: March 07, 2018 10:39 AM
To: Anthony Lovachis; David Barrett
Cc: Schlaepfer, Martin (ENERGY)
Subject: RE: LTEP Modules

Hi Anthony,

Sorry for the delay, below is a bit of an explanation for what we're looking for. If you have any questions, I can connect you with the right person to talk to.

Thanks,
Hillary

- The Ministry suggests IESO discuss with its contract management team and Bruce Power on the best approach to provide sufficient detail to the public while respecting Bruce Power's confidential information.
- For example, the Financial Accountability Officer (FAO) calculated the nuclear unit price as the production-weighted average of OPG's regulated price each year and the average Bruce price over the life of the contract. The FAO used this approach due to disclosure restrictions on Bruce Power's confidential data (i.e., annual contract price).
- Alternatively, the IESO could consider rounding the unit cost data for all generation types. The proposed Module 5 spreadsheet includes unit cost data to 10+ decimal points. Greater rounding would reduce the accuracy of any calculation that attempts to back-out the Bruce price from the module (pending confirmation from IESO/Bruce Power on whether this meets disclosure restrictions).

From: Anthony Lovachis [<mailto:Anthony.Lovachis@ieso.ca>]
Sent: March 5, 2018 1:53 PM
To: Armstrong, Hillary (ENERGY) < Hillary.Armstrong@ontario.ca >; David Barrett < david.barrett@ieso.ca >
Cc: Schlaepfer, Martin (ENERGY) < Martin.Schlaepfer@ontario.ca >
Subject: RE: LTEP Modules

Hi there,

In the comments document that was provided to us, the ministry is asking that IESO reconsider its presentation of the unit cost of nuclear. We're happy to help address this comment, but would require further details from ministry staff. What is ministry's preference on how this should be presented?

Thanks,
Anthony

From: Armstrong, Hillary (ENERGY) [<mailto:Hillary.Armstrong@ontario.ca>]
Sent: March 02, 2018 4:29 PM
To: Anthony Lovachis; David Barrett
Cc: Schlaepfer, Martin (ENERGY)
Subject: LTEP Modules

Hi there,

Sorry for the delay in getting this back to you. We've reviewed the modules, and made some revisions to ministry content in the cost module. We've also pulled together some comments in the attached word document. This builds on the responses IESO previously provided. Some of it is context, and some of them are questions.

I'm attaching all the current versions of the modules in case that is helpful as well.

Would it be possible to get responses to our questions end of next week? We're hoping to keep these moving so we can get these made public and cross them off of our to-do list. If you want to have a call about any of this, we can organize something with ministry staff.

Let me know if you have any questions.

Thanks,
Hillary

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