ECO Commissioner Information Request

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Date: Thu, 01 Mar 2018 14:20:22 -0500
Attachments: ECO Followup Questions to Ministry of Energy on LTEP Data.docx (16.23 kB); ECO Information Request - Ministry Response 20180223.xlsx (45.54 kB)

Hi all,

The ECO shared with us a number of questions requesting LTEP modelling/data (see attached). These will help them with their energy report.

Our responses are included in the attached spreadsheet. The data predominantly comes from the LTEP modules. For question 6, we are deferring to the IESO to respond, since they have been receiving questions from the ECO as well. Below is their response, for your information.

These responses are being shared with the ECO.

Let us know if you have any questions.

Thanks,
Hillary

Q6 – IESO Response

Request	Response
The Ontario Planning Outlook, Module 7, slides 13 and 14 indicate the cost assumptions for re-contracting of existing resources, and slides 31-33, 40, and 49 provide additional cost assumptions regarding contracting of new resources (31-33) and transmission (40, 49): a. What are the cost assumptions used for new and existing supply resources? b. Why is it assumed that contract renewal costs for wind and solar would be similar to LRP I, given that these facilities are already built and would not have large capital costs associated with life extension (slide 14)? c. Are the LTEP price outlooks for residential and industrial consumers (figures 5 and 6 of the LTEP) based on the resource cost assumptions noted in slides 31-33, 40, and 49 of Ontario Planning Outlook, Module 7? If there are any differences, please indicate.	a. The existing cost assumptions for existing supply is based commerically confidential, and a regulated rate forecast from OPG fo resource cost assumptions are based on an estimated cost for the ne in Modeule 7, Slide 33. b. **The wind and solar assumes most components reach end-of- repowering of wind and solar are generally on par with building new. The are projected to continue declining over the planning horizon due to cost** renewal price is lower than the original LRP 1 PPA but the time the ex end date. c. The 2017 LTEP price outlook for residential and industrial Module 7 cost assumptions. The residential and industrial price outlook in the 2017 LTEP is based impact of the Ontario Fair Hydro Plan (OFHP) that was developed by t A list of cost assumption differences for the 2017 LTEP: - OPG regulated rates for nuclear and hydro are up-dated by OPG (Nu 2016-0152 OEB filing, with updated hydro rates that correspond to th - Transmission updated to EB-2016-0160 filing and 2016 uniform tran - Wholesale Market Service Charges updated with Fair Hydro Plan po market service costs associated with Rural/Remote rates into the tax Electricity Support Payment (OESP) into the tax base. - Natural gas forecast is updated to Sproule Feb 2017 projection for D - Repowered natural gas is an average of all the original contract pric with 20% of the capital portion assumed. - Thunder Bay Bio Conversion and Atikokan Bio Conversion are not a orginal contract costs. The capacity requirement from these facilities new capacity requirements of a SCGT facility. - Repower wind assumes 85% of LRP I Wind PPA, with no decline of t period. - Repower large solar assumes 60% of LRP 1 rates, with a 2% on-goin real price. - Expired MicroFit solar contracts assumes net metering rates.