

ECO Follow-Up Information Request to Ministry of Energy for 2018 ECO Energy Report

(all questions specifically related to data assumptions underlying Long-Term Energy Plan)

1. Please provide the net energy (TWh), net summer peak (MW), and net winter peak (MW) demand forecast for each year through 2035 that underlies Figures 5,6, and 8 of the LTEP, similar to the demand forecasts in [Ontario Planning Outlook, module 2](#) (e.g. slide 8).
2. Please clarify the assumptions behind the LTEP demand forecast and indicate how this demand forecast compares to the demand outlooks in Ontario Planning Outlook, module 2 – for example, the assumptions regarding electrification of other energy uses. This may be easiest to do by adapting the table on slide 4 of Ontario Planning Outlook, module 2 to outline the LTEP assumptions and show any differences from the four OPO outlooks.
3. Please provide the expected electricity production (TWh) in each year through 2035, if possible broken down by resource type (e.g. similar to slide 12 in [Ontario Planning Outlook, module 7](#)).
4. Please provide the cost of electricity service forecast through 2035 (similar to the forecasts in Ontario Planning Outlook module 7, for example, slides 15-18) that underlies the residential and industrial price projections in Figures 5 and 6 of the LTEP.
5. Please clarify how rebates/expenditures funded through the tax base (e.g. the Ontario Electricity Support Program, HST rebate), or refinancing of the Global Adjustment through the Fair Hydro Plan affect the cost of service from question 4 – in other words, please provide the estimated cost of electricity service that will need to be recovered from ratepayers in each year out to 2035.
6. 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). Do the LTEP price outlooks for residential and industrial consumers (figures 5 and 6 of the LTEP) use the same set of resource cost assumptions? If there are any differences, please indicate.
7. Can the Ministry provide a price outlook for residential customers (table on page 28 of the LTEP) that uses the cost of service assumptions in the LTEP, but excludes the Fair Hydro Plan measures, in order to distinguish the impact of the Fair Hydro Plan from the cost savings due to supply mix and procurement changes (noted on pg. 20 of the LTEP)?
8. Please provide numerical values for the forecast greenhouse gas emissions in future years shown in Figure 19 of the LTEP, for both the “2017 LTEP Outlook” and the “2017 LTEP Low Emission Outlook”.
9. Does the Ministry have an estimate for the forecast greenhouse gas emissions in future years for the energy sector as a whole (not just the electricity sector), based on the assumptions about energy supply and demand used in the 2017 LTEP Outlook? If so, please provide.