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Subject: [External] EB-2022-0200 Enbridge Gas Inc. - Questions for Panel 1
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Attachments: Guidehouse - Heat Pump Cost Comparison - May 2023.pdf

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Hi David,

I am planning to get my compendium out to you and your witnesses very shortly. In the interim, I would like to flag a few questions that I will have on a report that Guidehouse prepared for Enbridge very recently. I have attached the report and you can find the underlying detailed model spreadsheet here: <https://www.rds.oeb.ca/CMWebDrawer/Record/792236/File/document>.

It would be great if a witness panel member could take a look so that they can confirm the following in response to my questions tomorrow:

1. The cost comparison does not account for the monthly customer charge (this can be confirmed by using the "trace dependents" command on the "utility data" worksheet, which shows that the monthly charge is not used in any functions)
2. The cost comparison is based on 2023 only, and therefore does not account for carbon price rising beyond that date (this can be confirmed on page 4 of the Guidehouse memo and by reviewing the excel formulas)
3. The cost comparison is based on the existing rate design, not the proposed SFVD (this can be confirmed on the "utility data" worksheet)
4. The cost comparison does not account for savings from more efficient cooling as between a heat pump and traditional air conditioning
5. If the savings from avoiding the monthly customer charge with all-electric heating are factored in, then all-electric heating is cheaper than hybrid gas/electric heating in all locations, and by over \$250 a year in Toronto (this can be confirmed by manually adding those savings at page 8 of the Guidehouse memo)

I am flagging these questions in advance in the hope that it will help us save some time during the hearing.

Thanks,

Kent

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