



Performance Gap RFP Questions

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Question 1A: Can you elaborate on the “building characteristics” that will be included in the 1400 energy model results in an excel file format?

Answer 1A: The following building characteristics will be provided for the 1400 design development stage energy models (2014-2022).

| | |
|----------------------------------|---|
| Gross floor area (GFA) | Green development standard tier |
| Number of units | Percentage better than code values for projects with relative performance models (mostly models until 2020) |
| Number of storeys | GHGI (mostly models 2020-present, and Tier 2+ projects 2018-2020) |
| Archetype | EUI (mostly models 2020-present, and Tier 2+ projects 2018-2020) |
| Electric and/or gas consumptions | TEDI (mostly models 2020-present, and Tier 2+ projects 2018-2020) |

Question 1B: Can you specify what kind of modeling software and format the 1400 design development stage energy models would be provided for our analysis? Will we be provided access to the whole building energy simulation files themselves?

Answer 1B: Individual energy modeling files will not be provided. Building characteristics (see 1A) from all models will be summarized and provided.

Question 1C: Please confirm that we do not need to run the energy simulation models at our end and that there is no need for energy model calibration using IPMVP Option D methodology.

Answer 1C: There is no need to re-run the energy simulation models or perform energy model calibrations as part of this work.

Question 1D: Will there be an opportunity to review a list of the building characteristics and request supplemental metadata fields?

Answer 1D: List of building characteristics are provided in 1A.

Question 1E: Is there potential for access to more granular metered data (i.e., monthly), if even for a subset of buildings? Do any of the buildings have sub-meter data for major end-uses (e.g., heating, DHW, cooling and lighting)?

Answer 1E: Granular data (e.g., monthly or sub-metered) will not be available for the 1400 design development stage energy models. Proponents are highly encouraged to supplement the provided data set with their own additional utility post-occupancy data.

Question 1F: For Residential buildings, do any of the buildings have a breakdown of common area base building electricity meter data, sum of all in-suite/dwelling space/residential units and retail spaces (if any)?

Answer 1F: No they do not.

Question 1G: Is there any possibility in receiving hourly interval data at the whole buildings level for any of the facilities directly from the LDC (e.g. Toronto Hydro via PowerLens etc.)

Answer 1G: Provided we have building owner/operator permission, TAF can help facilitate getting access to more granular utility data as part of the optional scope (Objectives 1B, 2B).

Question 2A: Objective 2B indicates that a deep-dive would require us to use our own building models and data. Can we explore partnership opportunities with owners/operators? And can you confirm that where consultant data is brought in, we can sufficiently anonymize the results and outcomes for the final public reports (as necessary by potential partners)?

Answer 2A: Yes, Proponents can explore partnership opportunities with owners and/or operators. And data provided by Proponents can be sufficiently anonymized for public-facing reports to ensure that identifying information is kept confidential.

Question 2B: Does TAF have any kind of data with occupancy counts/profile for commercial buildings for weekdays, weekend, monthly data that could be provided to support work in this objective [2B]?

Answer 2B: No, TAF will not be providing this type of additional data.

Question 3: The third objective indicates that TAF will identify 3-4 key stakeholders. Is it possible to engage even earlier with these key stakeholders to potentially bring them in on the optional Objective 2B (deep dive) work?

Answer 3: Yes. Please indicate that this would be your intent when describing your strategy in Section 3 (Understanding of RFP and Proposed Solution).

Question 4: Can you please let us know if overseas consultants are eligible to bid?

Answer 4: Yes.

Question 5: Can we consider opportunities for collaboration with academic partners?

Answer 5: Yes. Please identify all academic partners and researchers in Section 2 (Experience & Qualifications of the Proponent Team) of your submission and include any relevant CVs.

Question 6: Can references be provided for projects that are substantially complete?

Answer 6: Yes. Please indicate this is the case when providing the reference in your submission.

Question 7: Can we include data from various scholarly articles and research study reports completed by others, provided we get permissions from the respective authors?

Answer 7: Yes, this information can be used to supplement your findings and/or conclusions. However, the buildings referenced from these external studies should be from a similar climate to the Greater Toronto and Hamilton Area (GTHA).

Question 8: Is the response limit of 6 pages (section 5.5 of RFP), meant to address only the non-optional scope (Objective 1A, 2A, and 3)?

Answer: Proponents looking to submit a response for the optional objectives (1B, 2B) can extend beyond the six (6) page limit. Please limit responses to the optional objectives to two (2) additional pages for a total of eight (8) pages, not including CVs and the Price Detail Form in Supplement B.