

ePEI EE&C Plan 2022 to 2025 – IRAC Application UE41401-

Additional Information Request

A) Conclusions/Results of the 2018 to 2021 Plan:

As a comparative baseline for this new three year plan, it would be extremely helpful if a complete set of Conclusions/Results for the 2018 to 2021 Plan was available. Appendices A and E provide the target and results data for both the 2018/19 and the 2019/20 programs explaining that the 2020/21 results were not available at the time of filing the application. In view of the lapsed time since filing, please provide the same target/results data set for the 2020/21 programs. If the Econoler evaluation/reviewed data are still not available, the ePEI calculations would suffice here.

B) Conclusions/Results of the 2021 to 2022 Plan:

- a) ePEI received IRAC approval to extend the original three year EE&C plan to a four year plan completing by March 2022. In order to extend the baseline referred to in A) above, please provide the same conclusion data set for the 2021/22 programs. It is again understood that only the ePEI calculations for Q1 to Q3 would be currently available and that only projections for Q4 could be provided to complete the reference baseline.
- b) Is this last year still on track to deliver the 13.1GWh energy savings as approved in IRAC Order UE21-06?

C) Heat Pump Rebate Program – Displaced Electricity Consumption

Recognizing that this program was a major contributor to the annual net Energy and Demand savings achieved in the EE&C program from 2018 to 2022 please provide the Heat Pump Energy (MWh) and Demand (MW) savings for:

- a) The two years of 2018/19 and 2019/20
- b) The single year of 2020/21
- c) And the current estimated data for the extended year of 2021/22

It is understood that the data for item (c) above will be a projection for Q4.

D) Heat Pump Rebate Program – Displaced Alternative Heating Fuels

As the heat pump rebate program is offered to all PEI residents, it is understood that a 20% allocation of all approved heat pump installations was used in calculating both annual displaced electrical energy (GWh.) and annual displaced electricity peak demand (MW). The remaining 80% of heat pump installations, which involved switching from alternative heating fuels to electricity, increase the electrical energy consumed and the peak demand presented. For these installations please provide the Energy (MWh) and Demand (MW) increases for:

- a) The two years of 2018/19 and 2019/20
- b) The single year of 2020/21
- c) And the current data for the extended year of 2021/22

It is understood that the data for item (c) above will be a projection for Q4.

E) The new EE&C 2022/25 Plan - Heat Pump Rebate Programs

- a) What are the planned contributions from newly installed Heat Pumps to both the annual displaced electrical energy (GWh.) and annual displaced electricity peak demand (MW) forecasted for this second three year program?
- b) In which of the two Residential Demand Response categories – Energy Storage or Load Control – are Heat Pumps accounted?

F) The new EE&C 2022/25 Plan - Demand Response Savings and Planned Spending

Table 16 shows three budget allocations of \$1.0M, \$1.13M and \$3.25M for the years 2022/23 to 2023/24 to 2024/25 respectively. Noting that the major proportion of the planned Demand Response initiatives will be implemented via the two PEI Electricity Supply Utilities, please explain in detail the specific projects that produce the forecasted Demand reduction and how the \$5.38M will be distributed between the Utilities and other contractors?