# **RFP-24-801**

# **November 8, 2024**

# **QUESTIONS AND ANSWERS**

**Distributed Energy and Electrification Analysis**

The purpose of this document is to provide answers to questions for the above solicitation. The following answers are based on the California Energy Commission (CEC) staff’s interpretation of the questions received.

**Q1: If the data is deemed insufficient, is it reasonable to expect that during the contract term, the CEC will engage the IOUs/CPUC to obtain additional data required to complete the task?**

A1: If the data is deemed insufficient, the CEC may engage with the appropriate entities, including IOUs and CPUC, to obtain additional data required to complete the task.

**Q2: Will the CEC provide the recipient with their adoption propensity models for the analysis in Task 5?**

A2: CEC will provide DER/electrification scenario inputs and assumptions as needed. There are currently no set adoption propensity models being considered for this project.

**Q3: Should Attachment 1 – Contractor Status Form only be filled out by the Prime Contractor?**

A3: Yes, the Contractor Status form is only required for the Prime Contractor/Applicant

**Q4: The section “Solicitation Screening Criteria for Handling of Commission (or a Third Party) Confidential Information” on page 15 of the RFP states that bidders must self-certify the answers to questions 1-7 on page 16, and that no additional documentation needs to be submitted with regards to this topic. Question: Can you confirm that bidders need only review questions 1-7, and those with answers of “Yes” can proceed with the RFP (those with “No” answers should not bid) and that nothing needs to be submitted within the proposal in regards to our responses?**

A4: The self-certification is only required of the Prime Contractor/Applicant and no additional documentation is required. However additional information may be required of the successful applicant in accordance with Exhibit D of the Standard Agreement Example (Attachment 8 Section 8 beginning on page 16 of 38).

**Q5: Does Attachment 8 – Standard Agreement Example need to be populated and submitted?**

A5: Attachment 8 is simply to give applicants an example of what the contract documents will be. Applicants must review the requirements of Exhibits B, D, D-1, F, and G.

**Q6: How is this scope of work similar or different from the Phase 2 Electrification Distribution Impacts Study originally envisioned by the CPUC?**

A6:CEC's goal with this RFP is to combine electric distribution grid models and AMI data for analyses. These analyses will then be used to guide the state’s policy decisions for long-term grid planning.

**Q7: Are we tied to using Arras Energy? This tool is not very widely used and was written by someone from SLAC National Accelerator Laboratory. Is it a foregone conclusion that this person and his newly formed company is the intended recipient of this contract?**

A7: The development of Arras Energy is funded by the U.S. DOE and CEC, and the tool is available to the public as an open-source tool. CEC will utilize Arras Energy for this project. This RFP is released publicly under a competitive solicitation and there are no intended recipients.

**Q8: Is Arras Energy (and the GLOW interface) free and publicly available to download? Can you please point us towards where these live?**

A8: Yes, both software are open-sourced. Arras Energy is available at <https://github.com/arras-energy> and GLOW is available at <https://glow.hero-energy.com/>

**Q9: How detailed is the distribution mapping from the Office of Infrastructure Safety?**

A9: CEC has the distribution assets for PG&E, SCE, and SDG&E. This ArcGIS dataset covers most of the distribution line information, substations, transformers, and meter IDs.

**Q10: What is the format of the CEC-provided network feeders (GLM, CYME, Synergi, ArcGIS)? Will the relational database on how to connect AMI records to the service transformer within the electric grid network be provided?**

A10: The distribution data assets will be in ArcGIS format. There is a customer meter ID that should align with the AMI data's own customer meter ID. Some simplifying assumptions may be required to align meters with the distribution system.

**Q11: Is the electrical infrastructure data contained within the ArcGIS? (Line topology, regular specs, etc.?)**

A11: Yes, the ArcGIS data is a geospatial dataset and should be able to load the electrical equipment onto a map.

**Q12: Could you provide the network statistics for the area under study, including customer count, feeder lengths, and any other relevant data?**

A12: The plan includes all customers from PG&E, SCE, and SDG&E. There will be a large data set with over a million data points. CEC's plan is to start with a baseline scenario with this RFP and evolve it in-house over time.

**Q13: Can you elaborate on match requirements?**

A13: There is no specific match requirement listed in the solicitation. Match funding is encouraged, but it's not required.

**Q14: Is the initial budget 500k for all seven tasks for a certain number of tasks?**

A14: The proposed budget is for $500,000 and is for Task 1 through Task 6. This project may be expanded in the future with an additional $500,000. If there is any additional funding, the additional work will be done through Task 7.