

## Request for Proposals: Emissions Optimization and Actively Managed Charging Storage Consultant

### Answers to Submitted Questions

- 1. Is the Green Bank specifically interested only in “marginal operating emissions rate” data, or are you looking for evaluation and guidance on what type of emissions data should be used?**

The tasks required under Part 2 (Order No. 13) require marginal operating emissions data that is location specific. For the tasks under Part 2, the Green Bank would like the data to be spatially granular, with data specific to each census block (see Scope of Service part 2.a.). The Green Bank has not decided on the temporal level of granularity needed to fulfill Order No. 13 and is seeking guidance and recommendations.

- 2. Is the Green Bank only interested in granular marginal operating emissions rate data or other types of emissions data such as total power sector emissions for the state Connecticut?**

The Green Bank is open to different methodologies for estimating electricity sector emissions, provided that the methodology used has clear justification. Nevertheless, the methodology used should not deviate too far from the ones currently used by applicable Connecticut state agencies, such as the Connecticut Department of Energy and Environmental Protection.

The Green Bank expects the Contractor to work with the electric distribution companies' existing distributed energy resource management platforms (such as EnergyHub) to develop an emissions charging signal that can be implemented within the existing Energy Storage Solutions Program.

- 3. Item 1.a of the Scope of Services asks that the contractor “Provide the Green Bank with granular electricity sector emissions data for the state of Connecticut.” What are the Green Bank’s requirements for “granularity”? Does this mean spatially granular and/or temporally granular data? Is there a specific minimum temporal granularity (e.g. annual, hourly, 5-minute) and/or spatial granularity (e.g. balancing area, transmission node, distribution substation, census block, etc.) that is required? Is Green Bank looking for historical, real-time, and/or forecasted emissions data?**

For the tasks required under Part 1 (Order No. 14), the Green Bank is looking for evaluation and guidance on the appropriate level of spatial and temporal granularity in the electricity emissions data required for a BESS Actively Managed Charging Proposal. Any recommendation would need to be clearly justified.

4. **Item 2 in the scope of services includes analysis of demographic information. Is the contractor expected to use existing public sources of demographic information (e.g. census data) or will the electric distribution companies be providing internal demographic data for analysis? In other words, how important is it for the contractor to bring their own data to the analysis?**

The Green Bank has some existing BESS demographic data for the (small) number of customers currently enrolled in Energy Storage Solutions. Additional demographic data would need to be provided by the Contractor, through private and/or public sources, to determine the number of potential BESS customers for the highlighted portion of the map in part 2.a.

5. **The RFP mentions that “the Green Bank seeks to retain a third-party company, or team of companies, to undertake the following tasks.” Does this mean that a single company or team of companies (who submit a single application together) will be expected to complete the entire Scope of Services, or will the Green Bank potentially award the contract to multiple companies or teams of companies who apply separately if their expertise is complementary (e.g. one applicant is awarded the contract for task 1, and another applicant could be awarded the contract for task 2)? Does the Green Bank have a preference for awarding the contract to a single company/team?**

The Green Bank intends to award the contract to one applicant submission (i.e., one company, or a team of companies if the team of companies submitted the application together). If the application was submitted by a team of companies who have committed to work together, it will be up to that team to determine which company is responsible for what task.

6. **For a team of companies submitting the proposal, does each company need to provide 2 clients for reference or 2 references in total?**

If a team of companies is applying, each company/group must provide two references.

7. **We just wanted to confirm that the Green Bank is open to using marginal emission rate data for task 1, or if you are specifically looking to use average emission rate data as part of task 1.**

The Green Bank is open to the use of marginal emissions data, however, any guidance on the emissions data/methodology chosen by the applicant needs to be clearly justified.

8. **Besides what is listed in the RFP, are there any additional criteria that the Green Bank will use to evaluate the accuracy, usability, and relevance of the granular emissions data that the applicants are able to provide as part of task 1a?**

Besides what is listed in the RFP, additional criteria that the Green Bank will use to evaluate the granular emissions data suggested by the applicant include: 1. the cost effectiveness of such data relative to other types of emissions data/methodologies, and 2. the feasibility of incorporating the data into the existing Energy Storage Solutions Program via an emissions signal (see our website, EnergyStorageCT, for Program resources like the Program Manual).

**9. What type of data does the Green Bank already have and anticipate will be provided to the consultant in the development of the Actively Managed Charging Plan or Emissions Optimization Plan?**

The Green Bank has limited emissions data, all of which have been made publicly available through our filings with the Public Utilities Regulatory Authority here: <https://www.dpuc.state.ct.us/dockcurr.nsf/8e6fc37a54110e3e852576190052b64d/d645a7e8cbbc5d5f852588a700554341?OpenDocument>).

The Green Bank expects the Contractor to provide new, electricity-sector emissions data for the state of Connecticut. The Green Bank would like the data to be spatially granular, with data specific to each census block (for Scope of Service part 2.a.). The Green Bank has not decided on the temporal level of granularity needed to fulfill the PURA orders and is seeking guidance and recommendations. Any recommendation would need to be clearly justified.

**10. What is the expected budget for the proposed scope?**

The Green Bank cannot give the expected budget for the submission, as the RFP is a competitive solicitation.