



REQUEST FOR INFORMATION

TO: Supplier

Request for Information (RFI) – Energy Program Potential Study

Introduction:

The Tennessee Valley Authority (TVA), a federally owned corporation, provides wholesale electricity generation to 153 Local Power Companies (LPC) and has four million meters serving nine million customers in seven southeastern states. TVA provides generation and transmission, while its 153 LPCs will act as the primary power distributors.

TVA has a need for a company to provide an Energy Program Potential Study (traditionally called an EEDR Potential Study) detailing economic and achievable potential in the areas of Electrification, Energy Efficiency, and Demand Response through 2050. This study will support TVA's annual resource planning, the next Integrated Resource Plan, program design and development, and strategic direction.

Purpose:

TVA's goal with this RFI is to determine budgetary estimates, technical experience, current offerings, potential solutions, availability, and the capability to support TVA's Energy Program Potential Study.

Important Note:

This is a request for information (RFI) only. It shall not be considered as an invitation for bid (IFB), request for quotation (RFQ), request for proposal (RFP), or as an obligation on the part of the TVA to acquire any products or services. Any response to this RFI is purely voluntary and will be treated as informational only. TVA assumes no financial responsibility for any costs incurred in preparing a response or participating in this effort. The information provided may be used by TVA in developing its acquisition strategy, the related statement of work, statement of objectives, commercial offering structure, or performance specifications for any future solicitation.

NO PROPRIETARY OR CLASSIFIED INFORMATION SHALL BE INCLUDED IN YOUR RFI RESPONSE. Respondents are advised that TVA is under no obligation to acknowledge receipt of the information received or provide feedback to respondents with respect to any information submitted under this RFI.

Submittal Information:

- RFI Official Responses
 - RFI responses should be submitted through email to David N. Bratcher at dnbratcher@tva.gov

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- All responses to the RFI must be received no later than **December 8, 2020: 5:00 PM EDT** (email)

➤ **Information provided in response to this RFI shall address the following and be sequenced in the following prescribed order:**

I. Background Information

- Brief summary of experience for this specific area
- Brief summary of the organization's current customer base specifically related to utility providers.
- List of organizations to which your company has previously provided related projects.
- Outline of respondent's products and services

II. RFI should describe

- Ability to analyze economic and achievable potential data for Electrification, Energy Efficiency, and Demand Response in the TVA service area and provide additional detail related to potential areas of interest, which could include:
 - Driving the largest carbon reduction – energy utilization measures/programs that create largest potential for carbon reduction
 - Spur economic development – energy utilization measures/programs that can be leveraged to create opportunities for TVA to recruit and retain new business and industry, while also supporting local contractors
 - Reduce Energy Burden – energy utilization measures/programs addressing energy burden reduction for TVA's low income population
 - High Value Measures – Measures that generate high economic value for TVA
 - At-Risk Industry – identify Valley industries that have been significantly affected by COVID-19, or other macroeconomic pressures, that could benefit from energy utilization programs and measures as they scale their business back up
 - Locational Value – If TVA identified constrained/congested areas of the grid, how would company consider/study end-use energy utilization measures/programs as a way to avoid/defer transmission upgrades
 - Non-Industrial Demand Response – discussing enabling technologies for demand response in Commercial and Residential applications
- Additional Details
 - How identified potential is tiered as it relates to cost
 - How company would address emerging technologies and innovations
 - How company address naturally occurring or market driven impacts to avoid potential double counting issues (codes and standards, economic adoption, market saturation, and policy decisions)
 - How company would address existing building stock and identify opportunities for TVA to influence code enforcement
 - How company would address participant vs. non-participant issues
 - Does company have any other focus areas typically included in Energy Program Potential Studies that TVA should consider?



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Decline to Participate: If your company elects not to participate, please notify TVA by email as soon as possible, and also indicate your reasons for declining. **I am TVA's official point of contract for this request and authorized representative.** I will provide any explanation or interpretation of this RFI, in our sole opinion, as maybe necessary. Upon receipt of this RFI, participants should immediately cease contact with the technical organizations either on-site or in TVA corporate offices with regard to this request.

Sincerely,

David N. Bratcher
Tennessee Valley Authority
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Chattanooga, Tennessee 37402
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