

A.17-01-013, et al.
2018-2025 EE Rolling Portfolio Business Plan
FIRST SET OF DATA REQUESTS TO
SAN DIEGO GAS & ELECTRIC COMPANY
BY
THE COALITION FOR ENERGY EFFICIENCY
Dated March 22, 2017
Question 16
Submitted: April 7, 2017

16. Please list all SDG&E upstream, midstream and downstream energy efficiency programs available over the past two years that impose training or skills standards, certification requirements, prevailing wage requirements, prequalification requirements, apprenticeship requirements, or other workforce quality requirements. For each program that contains such requirements, please provide a description of the program and the requirements.

SDG&E Response:

- For Commercial/Industrial Downstream programs, the rebate applications contain the following language:
 - For Projects sponsored by trade pro: (Project Sponsor) have read and understood the Terms and Conditions. I certify that the information I have provided is true and that I have installed the Energy Efficiency Measures. Additionally, I certify that the equipment has been functionally tested, and are operating in conformity with the requirements of this program. I certify that all applicable permitting requirements were complied with in the installation of this project, and the contractor who performed the work holds the appropriate license for the work performed.
 - For Customer Sponsored Projects: I (Project Sponsor) certify that wage earning employees of the Customer were used to perform the work, pursuant to 7044 exemption in the Contractors' License Law, and all applicable permitting requirements were complied with for this installation. I have read and understood the Terms and Conditions. I certify that the information I have provided is true and that the Energy Efficiency Measures have been installed, functionally tested, and are operating in conformity with the requirements of this program.
- Also, our Trade Pro Agreement contains the following requirements:
 - Complete agreement can be found here:
<https://www.sdge.com/sites/default/files/documents/1589844515/2017%20Non-Res%20Trade%20Professional%20Alliance%20Participation%20Agreement.pdf?nid=4010>
 - The Trade Pro Agreement provides: "Alliance participants and/or anyone who maintains equipment connected to an energy efficiency rebate, incentive, OBF project paid through SDG&E's non-residential energy efficiency programs must hold and provide a contractor license number registered through the Contractor's State License Board. Trade Professionals are responsible for verifying licenses and safety for all subcontractors and installers working on projects related to SDG&E's Energy Efficiency Programs." Moreover, the Agreement asks for the contractor's License number, classification and expiration date.
 - The Trade Pro Agreement also includes requirements for participation and a code of conduct for Trade Pros.

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- Several residential programs have contractor requirements. The impacted programs are listed below:
1. Home Upgrade Program imposes the following requirements for contractors:
 - Contractor must a) be certified and licensed according to all applicable federal, state and local laws, b) must meet all of the following requirements and c) must provide sufficient evidence and supporting documentation to SDG&E:
 - Contractor State Licensing Board (CSLB) license in the appropriate specialty.
 - Be appropriately bonded and in good standing with the California Secretary of State.
 - Carry insurance coverage to SDG&E minimums.
 - Execution of the Contractor Participation Agreement or a Rater Participation Agreement



HUP-Contractor-Participation-Agreement.pdf
HUP-Rater-Participation-Agreement.pdf

- Attend a Home Upgrade Orientation Workshop.
 - Ensure building permits are obtained and finalized on all work as required by the applicable local jurisdiction.
 - Successfully complete a minimum of (2) Home Upgrade or Advanced Home Upgrade projects within any current (6) month period.
 - BPI Building Analyst (BA) certification and company BPI Accreditation is strongly encouraged.
2. The SDG&E third party downstream program, SW-CALS Residential HVAC-QI/QM (“AC Quality Care”) requires certain training, skills and certifications. The AC Quality Care targets residential customers in SDG&E’s service territory with air-cooled refrigerant-based (known as “direct expansion” or “DX”) air conditioning improvements that follow the procedures and protocols adopted by the Statewide Residential Quality Maintenance (“QM”) and Residential Quality Installation (“QI”) Programs. These programs are developed in accordance with the QM and QI standards developed by the Air Conditioning Contractors of America (“ACCA”) and approved by the American National Standards Institute (“ANSI”) and QI meets the requirements of the ENERGY STAR HVAC Quality Installation program.

The requirements are as follows:

Training/skills standards and certification requirements:

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- Active C20 License
- C-20 license must have been active for a minimum of the last continuous three years
- Employed by a qualified contractor that meets all QI Contractor Eligibility Requirements and received written approval from DNV GL to participate.
- Complete a series of ACQC classroom ACCA Manual J, ACCA Manual D and ACCA Manual S trainings (See most recent update of Technical Specifications.)
- Complete a series of AC Quality Care classroom ACCA Manual J and ACCA Manual S software trainings (See most recent update of Technical Specifications.)
- Complete one-day field HVAC training on the ENERGY STAR® commissioning process (See most recent update of Technical Specifications.)
- Hold current EPA 608 Certification (Type II or Universal)
- Standard of Performance - Contractor shall perform its services with care, skill and diligence in accordance with the applicable professional standards currently recognized by such profession and the Residential Quality Installation Program Technical Specifications, and shall be responsible for the professional quality, technical accuracy, completeness and coordination of all reports, designs, plans, information, specifications, and other items and services furnished under this Agreement. Contractor shall comply with all applicable federal, state and local laws, ordinances, codes, and regulations in performing its services. Contractor shall at all times comply with all Occupational Safety and Health Administration (OSHA) rules, regulations, safety standards and procedures, including any required monitoring, applicable to Contractor's work. In addition, Contractor shall ensure that each of Contractor's employees are adequately trained, qualified, and knowledgeable of such applicable safety standards and safety equipment. In the event any of the items delivered or services performed under this Agreement fails to meet these standards, Contractor shall correct or revise any errors or deficiencies so identified promptly and without additional compensation.