

Southern California Edison
SCE EE Business Plan A.17-01-013

DATA REQUEST SET A.17-01-013-CEE-SCE-002

To: CEE

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Title: Project Manager

Dated: 05/18/2017

Question 48:

Have any SCE energy efficiency programs (not just the WE&T programs) established the minimum knowledge, skills and abilities (KSAs) necessary to ensure quality installation for any specific energy efficiency measures or energy efficiency occupations? Please answer with a *yes* or *no* prior to providing any explanation. If yes, please identify the programs, measures and the identified KSAs. Please provide copies of any studies or reports upon which the KSAs are based.

Response to Question 48:

No, SCE has not yet established minimum knowledge, skills and abilities (KSAs) for energy efficiency programs. However, there are some areas where SCE provides training to support KSAs. Below is a sample of programs where such training is required:

- Home Energy Efficiency Rebate (HEER) program – SCE requires participation in a Pool Contractor training program which helps train contractors on how to properly install Variable Speed Pool Pumps as a result of Work Paper requirements.
- Energy Upgrade California (EUC) program – The EUC program does not require that contractors maintain specific KSAs; however, the firms that hire the contractors may require the contractors have the KSAs to perform their jobs. Also, as part of the program, it is required that contractor firms participating in Advanced Home Upgrade have a Building Performance Institute (BPI) Building Analyst (BA) certified employee on staff.
- Residential Quality Installation (RQI) program – The required training includes a two-day software training completed through Wrightsoft or Elite, a three-day ACCA based Manual J and Commissioning training, and a one-day Field Verification training. Prior to acceptance in the RQI program, Contractors are verified to possess NATE C-3 certification. Prior to program approval, the three-day course instructs contractor representatives on ACCA based Manual J residential load calculation, ACCA Manual S equipment selection, and ACCA Manual D duct design. The skills of each new contractor are verified by successful completion of seven projects without failures prior to contractor acceptance as a qualified RQI contractor.
- Lighting Innovation Pilot Program – Designed to test the KSAs of those contractors that participate in the California Advanced Lighting & Controls Training Program (CALCTP) versus those skills from contractors that did not participate in the CALCTP Program. The objective is to learn if there is a difference from both contractor groups, and the results will

be published in Q3 or Q4 of this year. Depending upon the results of this pilot, this data may help set minimum knowledge, skills and abilities requirements regarding the installation of Advanced Lighting Control Systems by lighting contractors.