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

DATA REQUEST SET A.17-01-013-CEE-SCE-001

To: CEE
Prepared by:
Title:
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Question 017:

Do energy savings and cost-effectiveness calculations for *midstream* energy efficiency programs take into account the risk of lost energy savings due to poorly installed energy efficiency measures? If yes, please describe and provide documentation showing: (a) how and where this is taken into account, (b) in what programs this is taken into account, (c) what adjustment factors (if any) were applied, and (d) the basis for the adjustment factor.

Response to Question 017:

Yes, energy savings and cost-effectiveness calculation for midstream energy efficiency (EE) programs take into account the risk of lost energy savings due to poorly installed EE measures. These risk factors for degradation of the performance of energy efficiency (EE) measures are factored into the installation rates. EE performance is measured in ex post impact evaluation studies from field data collection of installed equipment that feed into all savings and cost parameter assumptions in the cost effectiveness calculation.

As an example, for the HVAC program incentivizing participating distributors to up-sell higher-efficiency equipment to customers, measurement and verification (M&V) efforts focus on field measurements of performance and installation verification. See the latest drafts for HVAC impact evaluations completed by the CPUC available on the CPUC's public documents site at www.energydataweb.com/cpuc/search.aspx.