



**Goal 2: Residential Quality Installation Committee Meeting Minutes
Wednesday June 21, 2017**

Call to Order

The meeting was called to order at 10:11 a.m. PDT by Chair Buck Taylor (Roltay). Meetings are normally scheduled for 60 minutes.

Review Agenda

Chair Buck Taylor (Roltay) reviewed the agenda, and the “SCE Program Update” was added to the agenda.

AGENDA TOPICS	DISCUSSION LEADER
Welcome	Buck Taylor
Review Agenda	Buck Taylor
Roll Call	Elsia Galawish
Approval of April 19, 2017, Meeting Minutes	Elsia Galawish
RQI Proposed Data Specs – Discussion on Relevance, Given ACCA 5 & 9	Buck Taylor
SCE Program Update	Lori Atwater
Role of the RQI Committee Moving Forward: 1. Is there a need to have meetings? 2. What should be the focus of the Committee?	Buck Taylor
New Business/Closing Comments/Adjournment	Buck Taylor
Next Meeting:	TBD

Roll Call:

There was a voting quorum for the meeting.

Organization	First Name	Last Name	WHPA Category	P=Present
Voting Members				
ACCA (Air Conditioning Contractors of America)	Wes	Davis	Contractor Association	
Energy Analysis Technologies	Chris	Ganimian	Third Party Quality Assurance Provider	P
MSDC (Mechanical Systems Design & Consulting)	Jeff	Henning	Educator, Trainer	P
Redlands Plumbing & Heating (Henry Bush Plumbing)	Tyler	Miner	Contractor (Residential)	
Roltay, Inc.	Buck	Taylor (Chair)	Other Stakeholder	P
SCE (Southern California Edison)	Lori	Atwater	California IOU	P
Superior Air	Larry	Kapigian	Contractor (Residential)	P
Non-Voting Members				
SoCalGas (Southern California Gas Company)	Harvey	Bringas	California IOU	P



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Guests				
Amy Beley Consulting	Amy	Beley	Contractor (Nonresidential)	P
BPI (Building Performance Institute Inc.)	Jeremy	O'Brien	Certifying Body	P
Chandler von Schrader Consulting	Chandler	von Schrader	Energy Efficiency Program Consultant	P
JCI (Johnson Controls)	Bryan	Rocky	HVAC Manufacturer	P
SCE (Southern California Edison)	Dario	Moreno	California IOU	P
Tre'Laine Associates	Pepper	Hunziker	Energy Efficiency Program Consultant	P
Staff				
Galawish Consulting Associates (Staff Support)	Elsia	Galawish	Energy Efficiency Program Consultant	P

Approval of April 19, 2017, Meeting Minutes

Chris Ganimian (Energy Analysis Technologies) motioned to have the April 19, 2017, Meeting Minutes approved. Jeff Henning (MSDC) seconded the motion. All five voting members present voted to approve the minutes. Motion passed.

RQI Proposed Data Specs – Discussion on Relevance, Given ACCA 5 & 9

Buck Taylor (Roltay) – The QI data specs were provided to this Committee for review and consideration. The basic idea was to ensure appropriate collection of data that will help improve ex ante and customer savings calculations. After taking comments into consideration, Buck Taylor (Roltay) suggested that the Committee’s response to the data specs should state, “The RQI Committee reviewed the proposed data specifications and they lined up with what the industry is already collecting under ACCA Standards 5 and 9.” Committee members agreed with Buck Taylor’s (Roltay) assessment; and as a result, there is no need to create an RQI Working Group. The Committee also noted that the Committee should focus on data analytics as a way of improving energy savings.

ACTION ITEM: Buck Taylor (Roltay) will draft a memo to that effect to close out this activity.

SCE Program Update

Lori Atwater (SCE)

- **SCE’s RQI Program:** This program is up and running until the end of 2017 with over 50 projects progressing towards standard rebates. It is the same as the 2016 program but with slightly over \$1M incentive funds.
- **2018 Business Plan:** Changes in the program are due to the CPUC delays in reviewing SCE’s Business Plan proposal. There has been no discussion with ED on what the Residential HVAC programs should look like. SCE expects comments from the CPUC Energy Division in October 2017 or later on the 2018 Business Plan, with approval in early 2018.
- **Data Analysis of RQI Data:** SCE has initiated an AMI data analysis on previously completed projects using pre/post data to determine if it validates greater savings with the RQI program vs. non-RQI program. This study will be completed by the end of 2017.

Buck Taylor (Roltay) suggested that the AMI data be shared with the group in raw format (sanitized, of course) to enable parallel analysis. This will allow the industry to understand the data and have constructive conversations when the data analysis project is completed. He also recommended getting 1-page updates/summary status reports from the IOUs given their lack of attendance in recent months.

ACTION ITEM: Elsia Galawish (Staff) will work with Lori Atwater (SCE) to facilitate this.

Pepper Hunziker (Tre'Laine) asked for clarification in the definitions of upstream, midstream, and downstream, since these terms are used somewhat differently by various stakeholders.

Lori Atwater (SCE) requested feedback in developing a market strategy – engaging large HVAC companies and the industry in California. She noted that engagement here refers to having discussions on “awareness.” She is open to ideas and what is working in other states.

Chandler von Schrader (Chandler Consulting) – How much longer will SCE stay in the Program because...?

- a) Large companies will not participate if the program will expire soon, and
- b) There is no simple way to compare state-to-state programs.

Amy Beley (Amy Beley Consulting) informed the group of a CEE HVAC Initiative from contractors' perspectives. She is talking to QI program contractors across the country about key “sticking” points and types of recommendations the CEE should make for program design. Someone noted that it is difficult to get customers to pay for full QI.

Larry Kapigian (Superior Air) stated that customers are more than willing to pay for full QI. We simply need to educate them. While Buck Taylor (Roltay) noted that additional issues such as skill set and lack of call backs may play a role in a customer's unwillingness to pay, it was noted that Larry's customers' stories need to be told, possibly in the form of case studies.

Role of the RQI Committee Moving Forward

There was concern for the Committee because there is not much it can do going forward. After much discussion, the Committee agreed to have quarterly meetings depending on where the market is going or if there is some breaking action. Because IOUs are not attending the Committee meetings on a regular basis or reporting in, Buck Taylor (Roltay) recommends getting 1-page updates/summary status reports from the IOUs prior to meetings.

ACTION ITEM: Elsia Galawish will work with Lori Atwater to facilitate this.

Pepper Hunziker (Tre'Laine) again asked for clarification in the definitions of upstream, midstream, and downstream, since these terms are used somewhat differently by various stakeholders.

New Business

Buck Taylor (Roltay) introduced the group to SLACK, a cloud-based set of team collaboration tools and services. He invited members to join the “Slack Team Residential Quality Installation” to start discussions relating to various RQI topics. It is a live repository of RQI info providing an open dialogue forum to share ideas, thoughts, and to get status updates on issues impacting the RQI arena. More importantly, it is a way to continue conversations during the time when the Committee is not meeting.

Closing Comments

Next Meeting: The Committee agreed to have quarterly meetings or on an as-needed basis when relevant issues arise.

Adjournment

Buck Taylor (Roltay) adjourned the meeting at 11:14 a.m. PDT.

ACTION ITEMS

- Buck Taylor (Roltay) to draft memo regarding the QI data specs.
- Elsia Galawish (Staff) to work with Lori Atwater (SCE) and IOUs to obtain a 1-pager update on programs, work papers, and regulatory issues.

Addendum

The DRAFT Minutes for this June 21, 2017, RQI Committee Meeting were sent out by email to all Committee participants for their review, and there were no changes or edits submitted.

Because further RQI Committee Meetings will only be scheduled on an as-needed basis (see meeting notes on page 3), a request was made of the seven voting members to approve these Minutes by email.

The motion to approve these minutes was made by Jeff Henning (MSDC) and seconded by Larry Kapigian (Superior Air).

Below are the final votes cast by the seven voting members:

- Aye votes were cast by:
 1. Chris Ganimian (Energy Analysis)
 2. Jeff Henning (MSDC)
 3. Buck Taylor (Roltay)
 4. Lori Atwater (SCE)
 5. Larry Kapigian (Superior Air)
- Abstention was cast by:
 1. Tylor Miner (Redlands Plumbing & Heating)
- No vote was cast by:
 1. Wes Davis (ACCA)

On Friday, July 7, 2017, the motion passed by email vote to approve these minutes as submitted by Elsia Galawish (Staff).

Minutes Submitted by Elsia Galawish, WHPA Staff
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