



# WHPA FDD Committee Meeting July 17, 2017

Co-Chair Sean Gouw, P.E., SCE  
and

Co-Chair Joe Schmutzler, CEM, CMVP, LEED AP, Transformative Wave

...**For Announcing** your **name** and your **organization**  
when you speak

*and*

...**For Muting** your phone when you are not speaking



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# ◀ Agenda

- ▶ Roll Call
- ▶ Approval of 5/15/17 Meeting Minutes
- ▶ Intro
- ▶ Update FDD Roadmap
- ▶ FDD–CQM Activities Open Discussion
- ▶ Next Steps and Adjourn



# Roll Call

- ▶ Bonnie Gustavson



# Approval of 5/15/17 Meeting Minutes

## ► Elsia Galawish



### Goal 3: Field Detection & Diagnostics (FDD) Committee Monday May15, 2017, Meeting Notes

**WHPA Code of Conduct:** Please note that all participants of all Western HVAC Performance Alliance (WHPA) meetings, committees, working groups, and ad hoc groups shall adhere to the WHPA Code of Conduct: <http://www.performancealliance.org/Home/CodeofConduct/tabid/205/Default.aspx>

#### Call to Order

Co-Chair Sean Gouw (SCE) called the May 15, 2017, meeting of the FDD Committee to order at 10:06 a.m. PDT.

#### Agenda

TOPIC	FACILITATOR
Roll Call	Bonnie Gustavson
Agenda Review	Sean Gouw
Approval of April 24, 2017, Meeting Minutes	Elsia Galawish
Discuss FDD Roadmap	Joe Schmutzler
Discuss FDD-CQM Activities	Sean Gouw Elsia Galawish
Next Steps and Adjourn	Joe Schmutzler Sean Gouw

#### Roll Call

Organization	First Name	Last Name	WHPA Category	P=Present
<b>Voting Members</b>				
ACCA (Air Conditioning Contractors of America)	Glenn	Hourahan	Contractor Association	
Carrier Corporation	Dick	Lord	HVAC Manufacturer	
Daikin Applied	Skip	Ernst	HVAC Manufacturer	P
Ezenics, Inc.	Benjamin	Kelderman	Other Stakeholder	
FDSI (Field Diagnostic Services, Inc.)	Dale	Rossi	Third Party Quality Assurance Providers	P
Goodman Manufacturing	Aniruddh	Roy	HVAC Manufacturer	P
JCI (Johnson Controls, Inc.) (YORK)	Wayne	Guelfo	HVAC Manufacturer	



# Intro

- ▶ Co-Chair Sean Gouw, P.E., SCE



- ▶ Co-Chair Joe Schmutzler, CEM, CLEP, LEED AP, Transformative Wave



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# Meetings

- ▶ ~~2/13~~
- ▶ ~~3/20~~
- ▶ ~~4/24~~
- ▶ ~~5/15~~
- ▶ **7/17 – today**
- ▶ ~~8/28\*~~
- ▶ 9/18
- ▶ ~~10/16\*~~
- ▶ 11/20

**\*Needed?**



# Goals/Implementation Plan 2017

## ▶ Re-Visit FDD Roadmap

- ~~◦ 1<sup>st</sup> round updates discussion on 4/24, 2<sup>nd</sup> round updates discussion on 5/15~~
- Incorporate updates to roadmap by **year end 6/12**

## ▶ Continue CQM-FDD Activities

- Update CA CQM Considerations & Recommendations Document = Advise on structure of CQM Measures, role of FDD?
  - ~~▪ 1st round updates discussion on 4/24,~~
  - ~~▪ 2nd round updates discussion on 5/15~~
  - Incorporate updates by **year end 6/12**
- ~~◦ Formal link with WHPA CQM Committee?~~

## ▶ ~~2019 California T-24 Codes & Standards FDD Activities~~

- ~~◦ Hold discussions for CASE FDD topics as needed by 6/12~~
  - ~~▪ Nonresidential – Economizer FDD for built-up HVAC~~
  - ~~▪ Residential Quality HVAC FDD topics~~



# Update FDD Roadmap

- ▶ Joe's slides





## ◀ FDD–CQM Activities Open Discussion

- ▶ At this time, FDD should play a passive role in CA statewide CQM program.
  - Enhance savings realization rates of CQM measures, reduce burden of activities that cannot directly claim savings.
    - Support maintenance agreement, assist with ongoing inspections.
- ▶ FDD has a future role assisting savings calculations via Normalized Metered Energy Consumption (NMEC) methods for High Opportunity Programs & Projects (HOPPs).



## Next Steps

- ▶ Finalize updated FDD Roadmap by year end.
  - Solicit comments via email and hold more discussions as needed.
- ▶ Finalize updates to Considerations & Recommendations document for CQM–FDD by year end.
  - Solicit comments via email and hold more discussions as needed.



# ◀ Adjourn

- ▶ Next FDD Committee Meeting
  - Monday
  - September 18, 2017
  - 10–11 a.m. PDT

- ▶ Adjourn

