



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
Voting Members				
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

- ~~◦ 1st round updates discussion on 4/24, 2nd 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

