

Thursday

Thursday, April 25

9:00 AM - 10:30 AM

RES CEA:

Residential CEA Exam Preparation Workshop Part 1
-Brian Selby
@Surf & Sand - Conference Registration

10:30 AM - 10:45 AM

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10:45 AM - 12:15 PM

Residential CEA Exam Preparation Workshop Part 2
-Brian Selby
@Surf & Sand - Conference Registration

11:30 AM - 12:15 PM

12:15 PM - 1:15 PM

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Non-RES CEA:

Nonresidential CEA Exam Preparation Workshop Part 1
-Gina Rodda
@Nautilus - BamCore

----- > **BREAK** < -----

Nonresidential CEA Exam Preparation Workshop Part 2
-Gina Rodda
@Nautilus - BamCore

----- > **LUNCH** < -----

@ Crocker Dining Hall

HERS Updates:

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How the Registry Can be Used to Paperlessly Track All Compliance Documents
-Russ King & Roy Eads
@Triton - Roseville Advanced Homes

Changes to 2019 Title-24 that Affect HERS Raters
-Russ King & Roy Eads
@Triton - Roseville Advanced Homes

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1:00 PM - 5:00 PM

CEA/AEA Multiple Choice Exams
@Surf & Sand - Conference Registration

1:15 PM - 2:45 PM

Interactive Residential Modeling Workshop Part 1 (Bring your Energy Pro and CBECC-Res files of projects to "get updated" for 2019)
-Gina Rodda
@Nautilus - BamCore

Understanding the Compliance Impacts of HERS Measures to Improve Energy Models
-Russ King & Roy Eads
@Triton - Roseville Advanced Homes

2:45 PM - 3:00 PM

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----- > **BREAK** < -----

3:00 PM - 4:30 PM

Interactive Residential Modeling Workshop Part 2
-Gina Rodda
@Nautilus - BamCore

Key Data Insights Pulled from the Thousands of Energy Files Uploaded to CHEERS by Energy Consultants In 2018
-Austin Grove & Bob Johnson
@Triton - Roseville Advanced Homes

4:30 PM - 5:00 PM

Whale Watching Bus Pick Up
@ Campus Circle

5:00 PM - 8:30 PM

Whale Watching

8:00 PM - 10:00 PM

Welcome Reception
-Cash Bar + Live Music
@Woodlands



Friday

Friday, April 26

7:00 AM - 8:00 AM

8:00 AM - 8:15 AM

8:15 AM - 9:15 AM

9:15 AM - 10:00 AM

10:00 AM - 10:15 AM

10:15 AM - 11:00 AM

11:00 AM - 11:05 AM

11:05 AM - 11:50 AM

11:50 AM - 12:50 PM

12:50 PM - 1:35 PM

1:35 PM - 1:40 PM

1:40 PM - 2:25 PM

2:25 PM - 2:40 PM

2:40 PM - 3:25 PM

3:25 PM - 3:30 PM

3:30 PM - 4:30 PM

4:30 PM - 6:00 PM

6:00 PM - 7:00 PM

7:00 PM - 9:00 PM

9:00 PM - 11:00 PM

Building Decarbonization

Game-Changing Assessments of Why All Electric Homes are Feasible, Practical & Essential
-**John Grose**
@Merrill Hall - Energy Code Ace

How Builders Plan to Integrate Solar for Compliance
-**Matt Brost**
@Merrill Hall - Energy Code Ace

Equitable Net Zero - Renewable Source Energy and the All Electric Future
-**Bronwyn Barry**
@Merrill Hall - Energy Code Ace

Results of a Market Assessment of Electrification of New and Existing California Residential Buildings
-**Alea German**
@Merrill Hall - Energy Code Ace

Code Compliance has Never Been This New: An EDR Primer
-**Matt Christie**
@Merrill Hall - Energy Code Ace

Code, Programs, & Compliance

Breakfast
@Crocker Dining Hall

CABEC Welcome
@Merrill Hall - Energy Code Ace

Value of Becoming CEA or AEA
-**Brian Selby**
@Merrill Hall - Energy Code Ace

Keynote
-**Commissioner Andrew McAllister**
@Merrill Hall - Energy Code Ace

> **BREAK** <
Snacks @Merrill Hall - Energy Code Ace

Multi-family Ventilation Compliance Strategies: Non-Residential
-**Marina Chavez-Blanco**
@Nautilus - BamCore

> **TRANSITION** <
Advanced Energy Rebuild: How a Disaster Brought Together Unlikely Partners
-**Parul Gulati & Nic Dunfee**
@Nautilus - BamCore

> **LUNCH** <
Speakers:
Gary Romes - KNAUF
Zack Zimmerman - BamCore
Nic Dunphy - Roseville
@Woodlands

Indoor Lighting Alterations: Options under Current and Future Code
-**Arielle Usher**
@Nautilus - BamCore

> **TRANSITION** <
CBCEC-Res Under-The-Hood: Modeling for Compliance & Beyond
-**Luke Morton**
@Nautilus - BamCore

> **BREAK** <
Snacks @Merrill Hall - Energy Code Ace

How to Prepare Plans and Specification for Energy Code Compliance
-**Brian Selby**
@Nautilus - BamCore

> **TRANSITION** <
Where We're Heading with the 2019 Energy Standards: Non-Res
-**GINNA RODDA**
@Merrill Hall - Energy Code Ace

Free Time

Meet & Greet
@Seascape - CAHP

Banquet
@Seascape - CAHP

Smoors & Bonfire
@Firepit

Emerging Technologies

Waste Heat Recovery Using Horizontal & Vertical Drain Counter-Flow Heat Exchangers
-**Stephen Walmsley**
@Triton - Roseville Advanced Homes

Recent Advances in Modeling Phase Change Materials
-**Nick Brown & Rob Morton**
@Triton - Roseville Advanced Homes

ADUs- Big Challenges for Little Spaces Now and in 2019
-**Michelle Austin**
@Triton - Roseville Advanced Homes

Standards in Efficiency Program Discuss Monitoring Results, Construction Practices, & New Technology Apps
-**David Peery**
@Triton - Roseville Advanced Homes

A case study using combined heat and power (CHP) with solar PV for a community based near zero energy solution
- **Joe Shiao**
@Triton - Roseville Advanced Homes

Saturday

Saturday, April 27

Building Decarbonization

7:00 AM - 8:00 AM

8:00 AM - 9:00 AM

9:00 AM - 10:00 AM

10:00 AM - 10:15 AM

10:15 AM - 11:00 AM

11:00 AM - 11:05 AM

11:05 AM - 11:50 AM

11:50 AM - 12:50 AM

12:50 PM - 1:35 PM

1:35 PM - 1:40 PM

1:40 PM - 2:25 PM

2:25 PM - 2:40 PM

2:40 PM - 3:40 PM

3:40 PM - 3:45 PM

3:45 PM - 4:30 PM

The sun shines bright on California: new solar requirements in the golden state
-Ritesh Nayyar & Lorenzo Pagano
@Merrill Hall - Energy Code Ace

The Health Safety and Environmental Impacts of Beneficial Electrification
-Nic Dunfee and Carlos Ortiz
@Merrill Hall - Energy Code Ace

How to Spot a Good Heat Pump
-Matt Christie
@Merrill Hall - Energy Code Ace

CCAs and the shifting role of IOUs in the California Market
-Susan Davison
@Merrill Hall - Energy Code Ace

Low-Rise Residential Reach Code Packages for 2019 Title 24 Energy Code
-Alea German
@Merrill Hall - Energy Code Ace

Code, Programs, and Compliance

BREAKFAST

@Crocker Dining Hall

CABEC Committee Chair Panel

@Merrill Hall - Energy Code Ace

The Future of Building Energy Efficiency and Decarbonization

-Rory Cox, Panama Bartholomy, Rachel Kuykendall & Nic Dunfee (Moderator)

@Merrill Hall - Energy Code Ace

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Snacks *@Merrill Hall - Energy Code Ace*

Introducing New Streamlined and Automated 2019 Dynamic NRCC Forms

-Kyra Wienke, Sally Blair & Javier Perez

@Nautilus - BamCore

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An Analysis of The Impact of the California Advanced Home Program (CAHP) on Metered Energy Use

-Mike Maroney

@Nautilus - BamCore

----- > **LUNCH** < -----

Speakers:

Ken Johnson - Mitsubishi

David Green - H-3

Julie Jacobson - Sunworks

@Woodlands

California's Largest ZNE Communities: Designing, Marketing, Building, and Measuring Performance

-Garth Torvestad

@Nautilus - BamCore

----- > **TRANSITION** < -----

High Performance + ZNE = All In for Affordable Housing

-Tim Kohut

@Nautilus - BamCore

----- > **BREAK** < -----
Snacks *@Merrill Hall - Energy Code Ace*

Getting the Most Out of MAEDbS [the Commission's Modernized Appliance Efficiency Database System]

-Bruce Heft

@Nautilus - BamCore

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Where We're Headed with the 2019 Energy Standards: Residential

-Brian Selby

@Merrill Hall - Energy Code Ace

Emerging Technologies

We know about smart homes, but what about smart plumbing and controls?

-Larry Acker

@Triton - Roseville Advanced Homes

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Best practices for understanding and properly calculating heavy mass walls for ZNE projects

-Bob Habian & Canan D'Avela

@Triton - Roseville Advanced Homes

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Air Infiltration & CBECC-Res Look @ ACH-50

-William Allen

@Triton - Roseville Advanced Homes

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Combination Service Hot Water Systems for Single Family Homes

-Ryan Kerr

@Triton - Roseville Advanced Homes

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