

# ET Summit 2019

Presented by



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Welcome!

Presented by



## Safety and Housekeeping

- In case of an emergency, please familiarize yourself with the exits of this room.
  - Exit through the foyer to J Street or through the back of the hotel to the alley.
  - Our staging area is across the street at the parking garage on the corner at J Street and 13th Street.
- There are 3 defibrillators in the hotel. Locations:
  - Lobby, next to bell desk. *Go to bell desk if you have an emergency.*
  - Securing office towards the back of the hotel
  - Fitness Center on 4th floor
- A friendly reminder to please silence your cell phones.
- Restrooms are located outside through the foyer, upstairs near the hotel registration desk.
- Wi-Fi Network: **Sheraton\_CONFERENCE**  
Password: **ETCC**

## Environmental Announcements

- We've limited the quantity of printed materials.
- Only reusable utensils, napkins, and tablecloths are used.
- Condiments and other foods are served in bulk whenever possible.
- The menu incorporates locally grown, seasonal produce.
- We are not providing bottled water.
- Recycling is available onsite.
- We are participating in the Sacramento Second Helping program by donating surplus food to a food bank.
- You have the opportunity to participate in a carbon offset program through [CarbonFootprint.com](https://CarbonFootprint.com).

## Your Carbon Footprint Has Been Offset!



When it comes to events like the ET Summit, the largest source of carbon emissions is from attendees traveling to the event. With that in mind, we have estimated the travel for our attendees and **offset 43.7 metric tons** of carbon dioxide through **CarbonFootprint.com** by supporting its Global Portfolio of Verified Carbon Standard Projects!

## The ET Summit Is Being Livestreamed!

- You have probably noticed the cameras in the rooms. All of the sessions are being streamed online in real time.
- Let your colleagues know that they can watch!
  - Register at [ETSummit.com](https://ETSummit.com) for free access.
- All of the sessions are also being recorded.
  - Videos and slides will be posted on the ETCC website within a few weeks.

## Summit Survey

- The ET Summit surveys can be found at the summit registration desk.
- Please complete and return the survey to our registration desk before you leave on Tuesday.
- All surveys will be entered in a raffle for an **Ember Temperature-Controlled Smart Mug!**



# Give Feedback Instantly through Real-Time Polling!

Moderators may use Swift to poll the audience.

Text your response, and results appear on the screen.

*Try it. It's fun!*

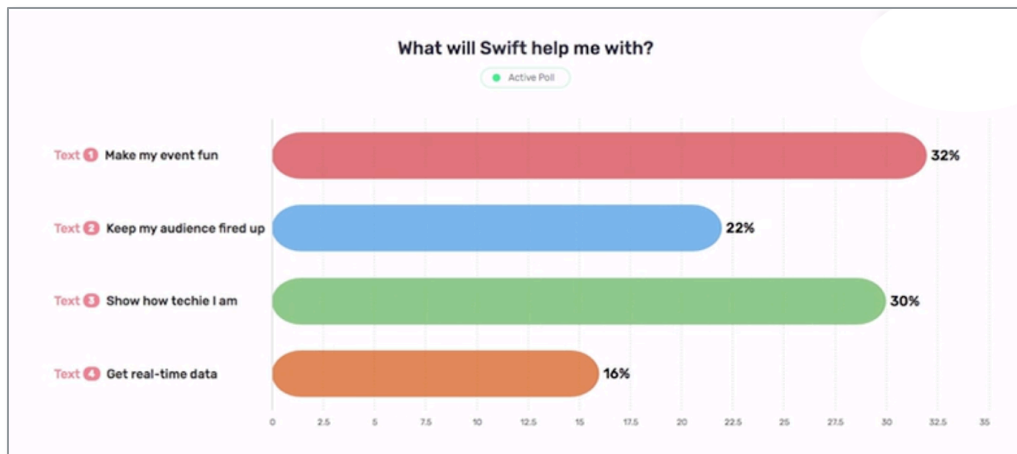
Magnolia and Camellia:

**(206) 922-1221**

Gardenia:

**(206) 452-5750**

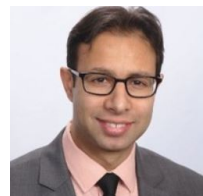
Standard text rates apply.



## About ETCC and ETP

- The ETCC is funded by the Emerging Technologies programs of its member organizations.
  - ETCC provides a collaborative forum for its members to exchange information on opportunities and results from their emerging technologies activities.
  - ETCC also conducts outreach through our website, webinars, and the ET Summit.
  - The majority of the panels and sessions that you will be hearing about are presenting projects that were conducted or sponsored by our ETCC members:
    - The member utilities Emerging Technologies Programs
    - CEC's Electric Program Investment Charge (EPIC) program
    - CEC's Public Interest Energy Research (PIER, gas focused) program
- ETP's primary goals are met through its project activities and ETCC collaboration.
  - Our mission is to support Californian's energy efficiency goals by contributing to the development, assessment, and introduction of new and underutilized technologies (i.e., technologies, practices, and tools) through our customer funded incentive programs.
- A word about the IOUs' ETP solicitation efforts.

## Meet the ETCC



**Tarun  
Kapoor**



**Edwin  
Hornquist**



**Jeff  
Horn**



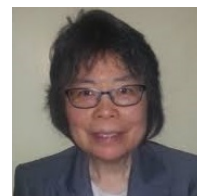
**Kate  
Zeng**



**Brett  
Korven**



**Dale  
Thompson**



**Virginia  
Lew**

## Meet the ETCC's Advisory Council

- **Ron Domitrovic**, Electric Power Research Institute
- **Ryan Fedie**, Bonneville Power Administration
- Jim Jerozal, Nicor Gas
- Ryan Kerr, Gas Technology Institute
- Marc Ledbetter, Pacific Northwest National Laboratory
- David Lehrer, Center for the Built Environment
- **G.P. Li**, California Plug Load Research Center
- Bill Livingood, National Renewable Energy Laboratory
- Jorge Marques, BC Hydro
- **Mark Modera**, Western Cooling Efficiency Center
- **Mary Ann Piette**, Lawrence Berkeley National Laboratory
- **Kevin M. Powell**, U.S. General Services Administration
- **Mark Rehley**, Northwest Energy Efficiency Alliance

Advisory Council members  
in **bold** are moderating  
summit sessions.

## Congratulations to SCE on Winning the New E Source Award for Excellence for Technology Innovation and Advancement



SCE's Edwin Hornquist (left) accepts award on behalf of SCE from Wayne Greenberg, CEO of E Source.



Edwin Hornquist smiles while raising the award plaque.

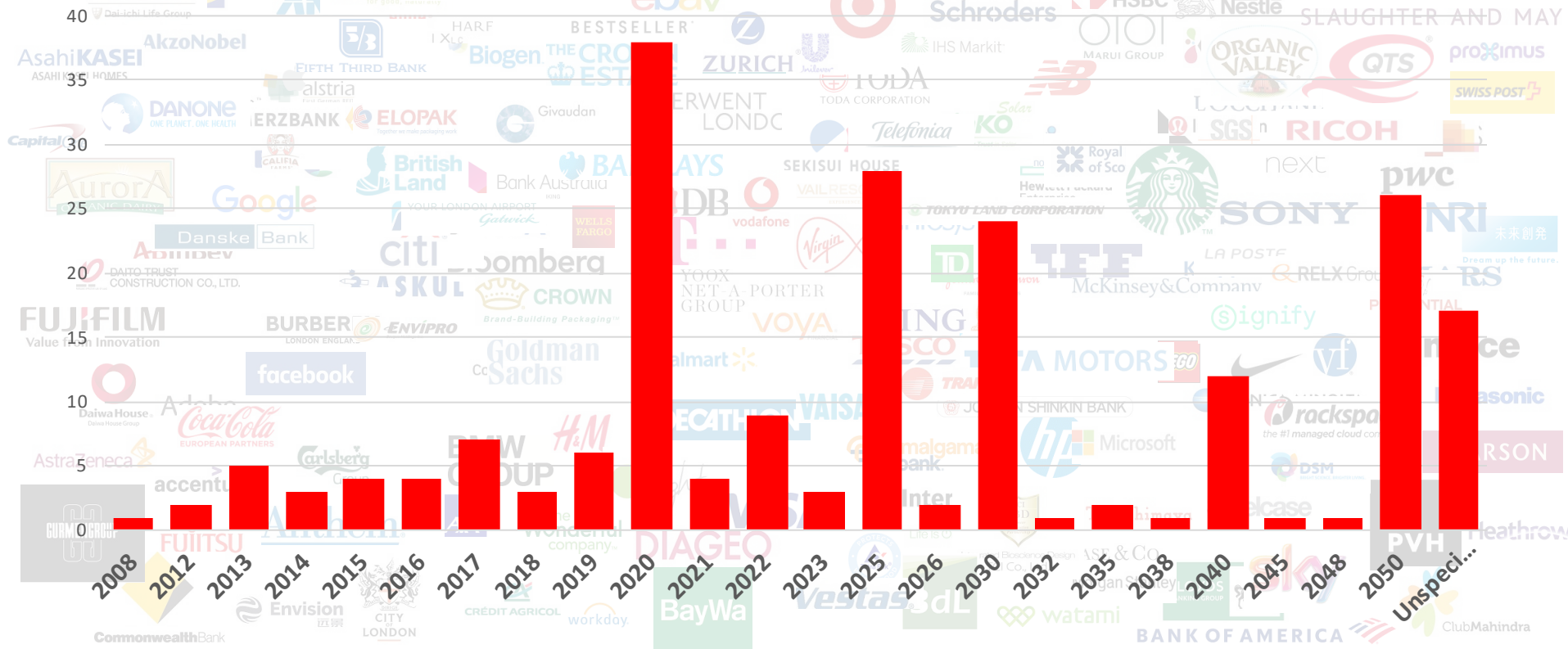
# ET Summit 2019

## Some Opening Remarks

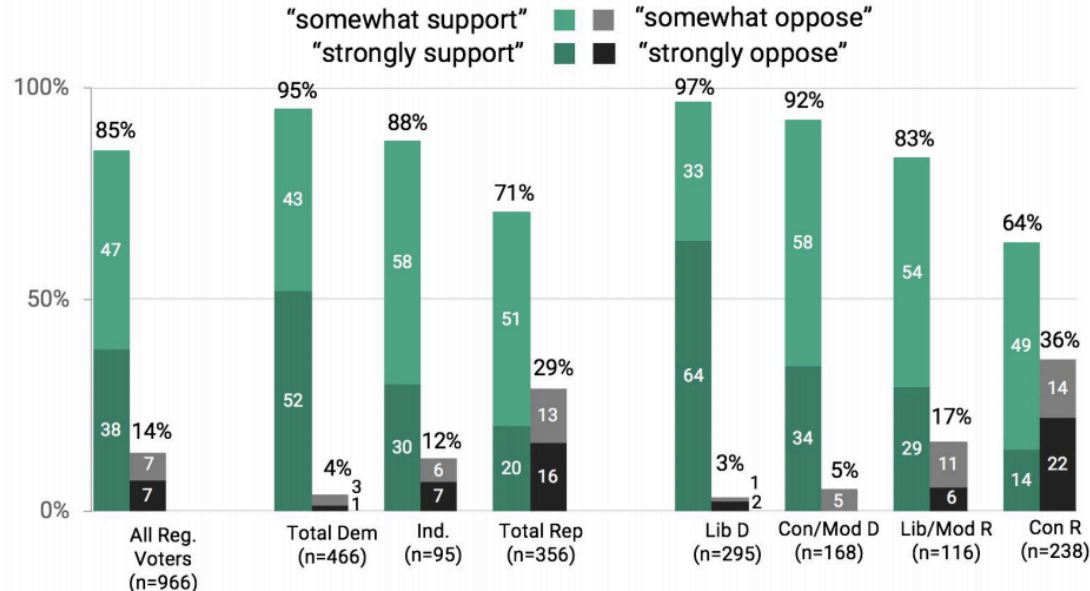
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## Year by which 204 companies have committed to “100% Renewable” energy (RE100.org)



## A Large Bipartisan Majority of Registered Voters Support Requiring Electric Utilities to Use 100% Clean, Renewable Energy by 2050



How much do you support or oppose requiring electric utilities in your state to produce 100% of their electricity from clean, renewable energy sources (such as wind and solar) by 2050?

December 2018. Base: Registered American voters (n=966)



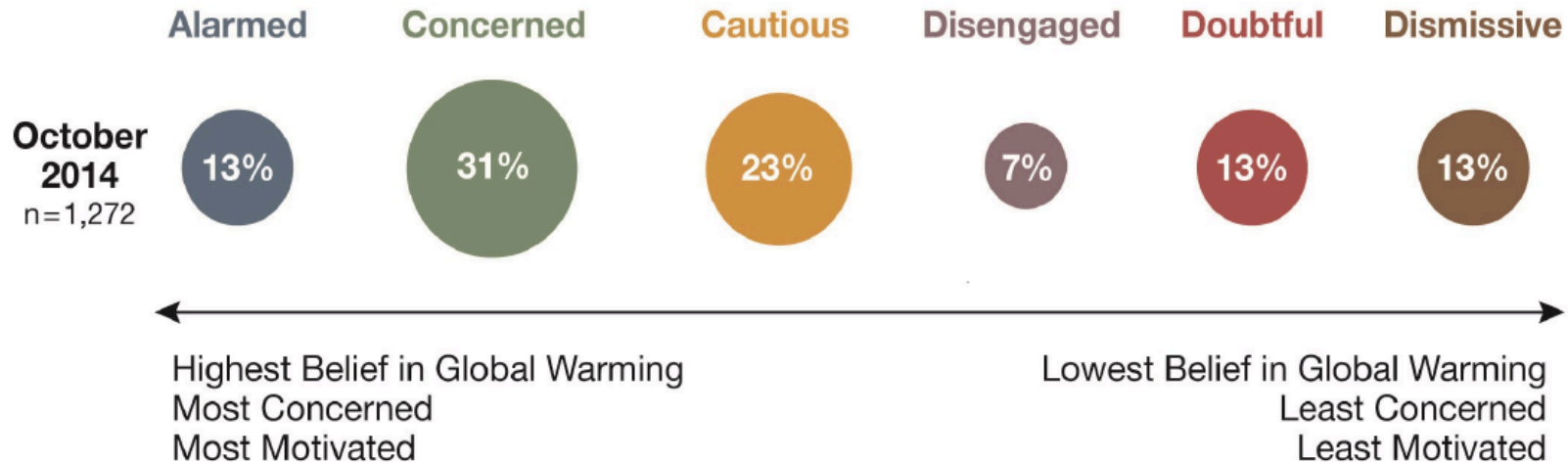
YALE PROGRAM ON  
Climate Change  
Communication



GEORGE MASON UNIVERSITY  
CENTER for CLIMATE CHANGE  
COMMUNICATION

## Six Americas

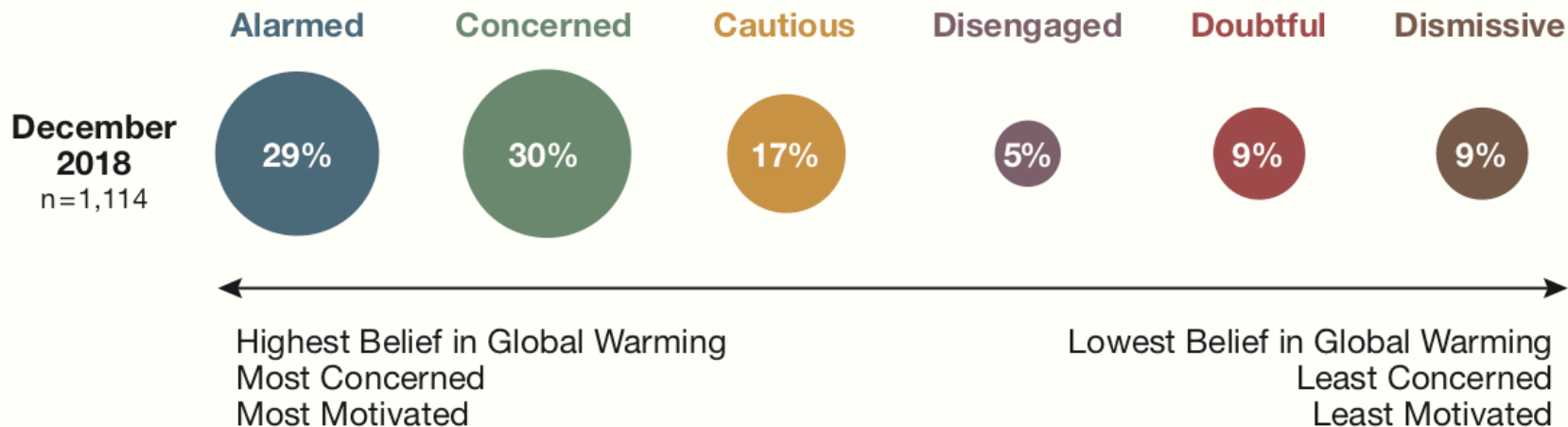
### The Six Americas Audience Segments



*Proportion represented by area*

Source: Yale / George Mason University

## Six Americas



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## OPENING KEYNOTE PLENARY MODERATOR

# Roland Risser, Former Deputy Assistant Secretary for Renewable Power, U.S. Department of Energy



A consultant on energy management and renewable power projects, Roland Risser is former U.S. DOE Deputy Assistant Secretary for Renewable Power and was responsible for solar, geothermal, wind, and water power programs. Prior to DOE, he was Director of Customer Energy Efficiency for PG&E, a member of the National Action Plan for Energy Efficiency Leadership Group, Chairman of CEE, and board member of ACEEE. Currently, he is Chairman of the ISO 50001 Technical Committee on Energy Management.

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