

## TOWNHALL PANEL 1:

# Exploring measures to unlock the value of plentiful, clean energy

Moderator: John Danner, UC Berkeley's Haas School of Business



**Alex Makler**

Calpine

**Chris Shelton**

AES



**Janea Scott**

CEC



**Gavin Purchas**

EDF



**Stefan Bird**

Pacific Power & PacifiCorp

**Randy S. Howard**

NCPA

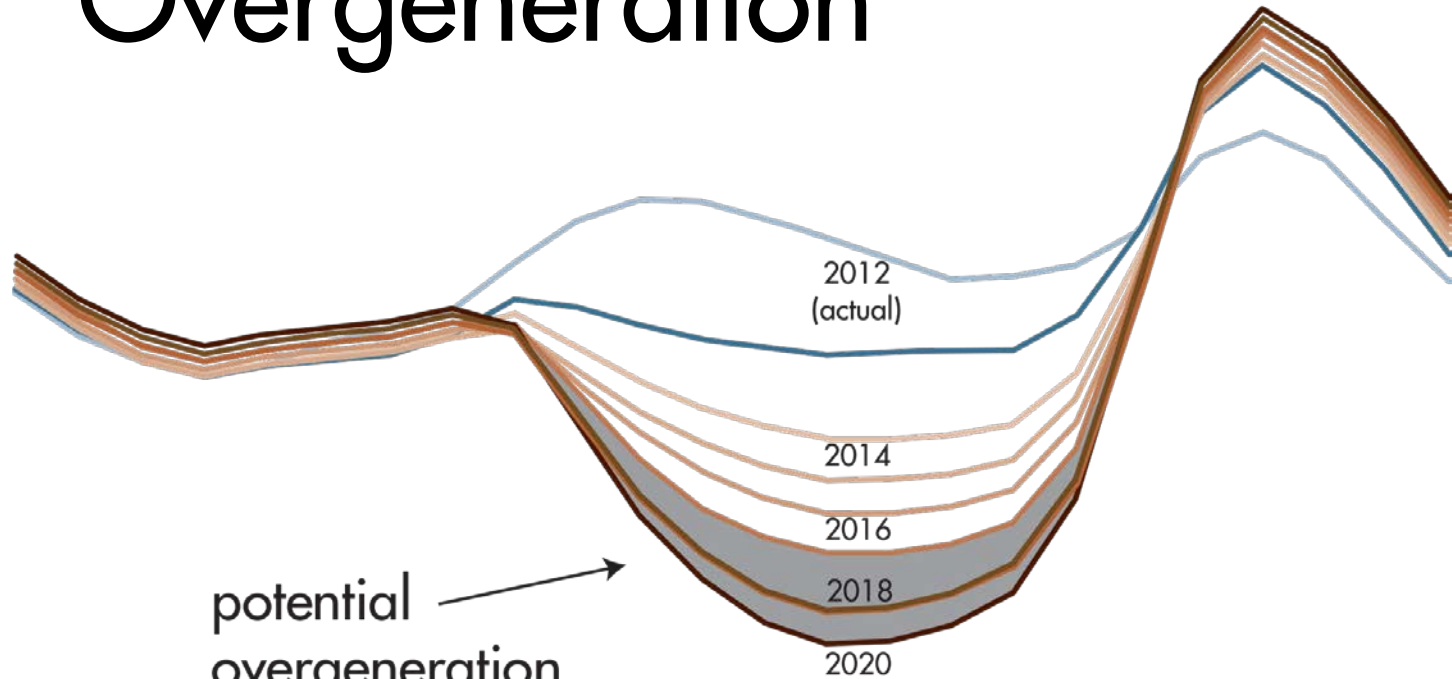
**J. Bret Lane**

SoCalGas

**Steve Malnight**

PG&E

# Overgeneration



Overgeneration deepens as we drive toward 50%

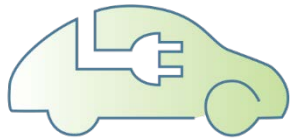
Problem?

Opportunity?

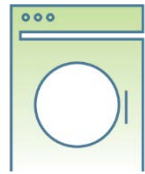
Bonus?

# Overgeneration

1,000 MW =



**475,000**  
electric  
vehicles



**2.3M**  
clothes  
washers



**300,000**  
clothes  
dryers



**550,000**  
dish  
washers



**475,000**  
pool  
pumps