

Session Title:

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Position: Vice Chair, California Energy Commission

Abstract title:

Driving Behavior Change for Clean Energy in California

Abstract text (within 100 words):

California has long been a leader in renewable energy deployment, especially solar. With high solar saturation in California's energy portfolio, the timing of energy use becomes critical for reducing greenhouse gases – and maintaining reliability. California energy agencies are working to develop dynamic rates that change hourly to incentivize cost and emissions reductions, as well as standards and information technology to allow automation of demand flexibility. The importance of timing for reliability was thrust into the spotlight in early September when California asked residents to reduce power consumption during the most extreme heat event on record, allowing the grid to narrowly avoid blackouts.