

# RTP and Dynamic Rates in Other Jurisdictions

CPUC Workshop on Dynamic and Real-Time Pricing

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# RTP in Illinois

- RTP available to all ComEd and Ameren customers
- 42,000 res and small C&I customers enrolled
- ComEd bills assessed based on hourly average of 5-minute market prices; Ameren uses day-ahead hourly prices
- ComEd customers can also sign up for AC cycling or automation through IFTTT platform
- Day-ahead and day of (ComEd) alerts can be sent by phone, text, or email; prices also available via app

# C&I RTP in Georgia

- Day ahead pricing available for C&I customers  $\geq 250$  kW
- Hour ahead pricing for customers  $\geq 5$  MW
- Approximately 2,300 participants representing 20% of retail revenues
- Customers may reduce exposure by contracting for fixed prices for historic load shape

# SmartHours-VPP in OK and AR

- Smart Hours program from OG&E for res and small C&I customers has set weekday peak period (2pm – 7pm)
- Peak periods prices set day-ahead at one of four levels ranging from 5 to 41 cents
- Alerts sent by phone, text or email
- Participants can also automate response with SmartTemp thermostats
- Approx 20% residential enrollment, saving avg of \$150 per year

# SmartHours Res Load Reductions

	High Price	Critical Price
VPP+ (w/ SmartTemp)	0.77 kW	1.41 kW
VPP rates only	0.06 kW	0.37 kW

# Other examples

- Large C&I on mandatory RTP in New York since 2006
- RTP became in the default rate for residential customers in Spain in 2014, approximately 40% currently enrolled
- Griddy Energy and other companies give customers direct access to the wholesale market for a monthly fee