



Behavior at Scale: PG&E's Continuous Energy Feedback Program (CEFP)



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November 13, 2023



Convened by:















1. Opower Overview







Opower is...

The most powerful and widely deployed utility customer engagement platform in the world

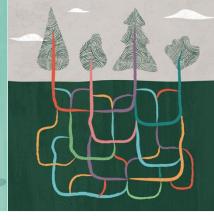












Demand Flexibility

Behavioral DR

Peak Time Rebates

Rates Engagement

Behavioral Load Shaping

EV Load Shifting Services

Device Control

Energy Efficiency

Home Energy Reports

Non-AMI High Bill Alerts

AMI High Bill Alerts

Weekly Energy Updates

Electrification

EV and Appliance Disaggregation Analytics

Heat pump education video services

Equity + Affordability

LMI Identification Analytics

Affordability Alerts

Affordability Saving Hub

Digital Engagement

Digital Self-Service Energy Management

Business Customer Engagement

DER Customer Engagement

AMI Education Reports

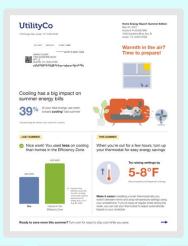
Tech & Services

Config & CSR Tools

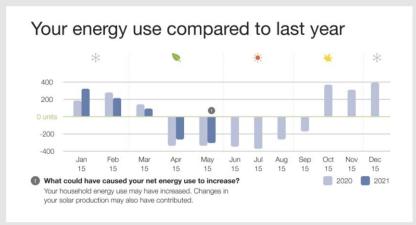
Opower Analytics Visualization

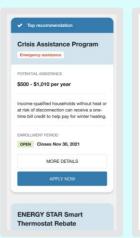
Integration Hub

Opower X

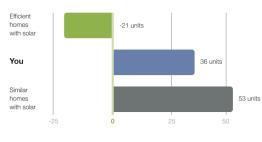






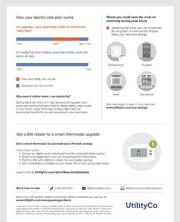


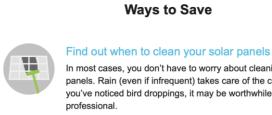
How your net energy compares to other homes with solar



Net energy is the difference between the amount of electricity your solar panels produce and the amount of gas and electricity you use. Efficient homes with solar are the 20% of homes in your comparison group with the lowest net energy.







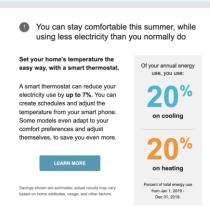
Ways to Save

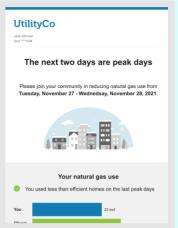
In most cases, you don't have to worry about cleaning your solar panels. Rain (even if infrequent) takes care of the cleaning. If you've noticed bird droppings, it may be worthwhile to hire a

SEE MORE WAYS TO SAVE























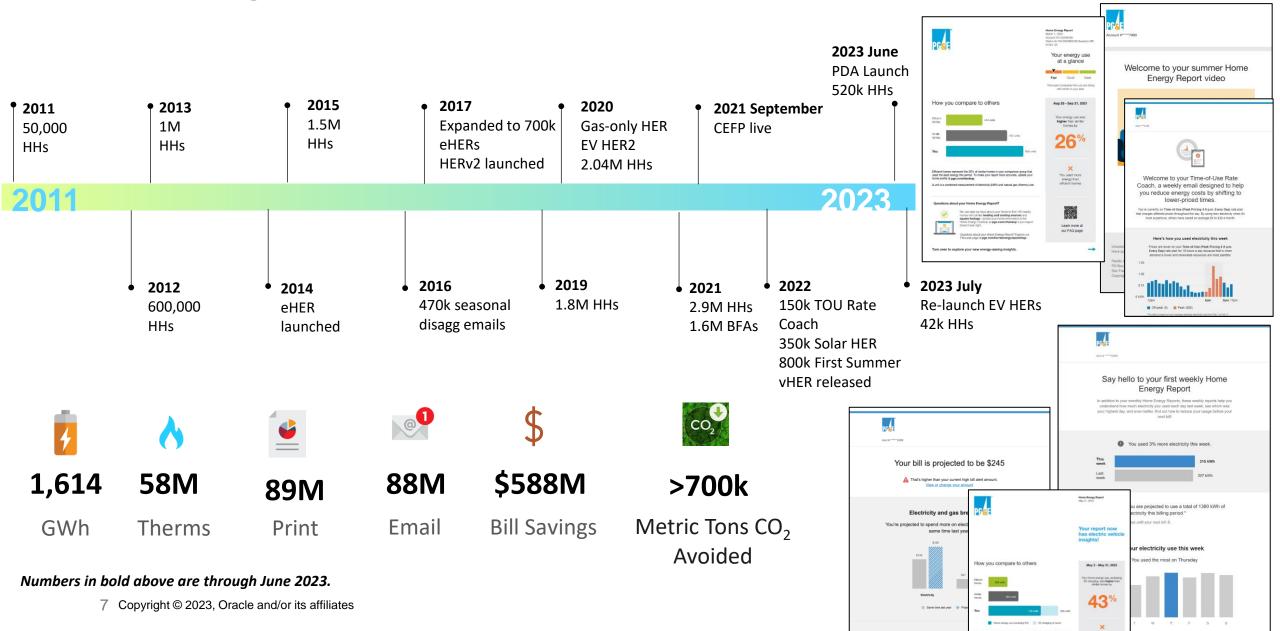
3. Program Journey and Results







Lifetime Program Results







2. Program Elements







Current Opower outbound program covers 55%* of PG&E residential customers**

3.05M



Home Energy Reports

- Paper, Email
- Gas-only, elec-only, Dual-fuel HERs
- Solar HERs (410k)
- EV HERs (42k)
- Video HER (750k)

2.2M



Bill Forecast Alerts

Email, SMS, IVR Opt-in available

Launched in May 2023: + 620k

300k



TOU Rate Coach

- Email
- Weekly peak usage insights
- For TOU customers only

1.1M



Weekly HERs

- Email
- Weekly energy usage insights

Launched in April 2023: +1.045M

1M



Winter Email Campaign

- Email
- Winter disagg insights
- HEC completion booster

520k



Peak Day Alerts

- Email
- HER customers
- Event-based
 comms

>1M



Home Energy Checkup

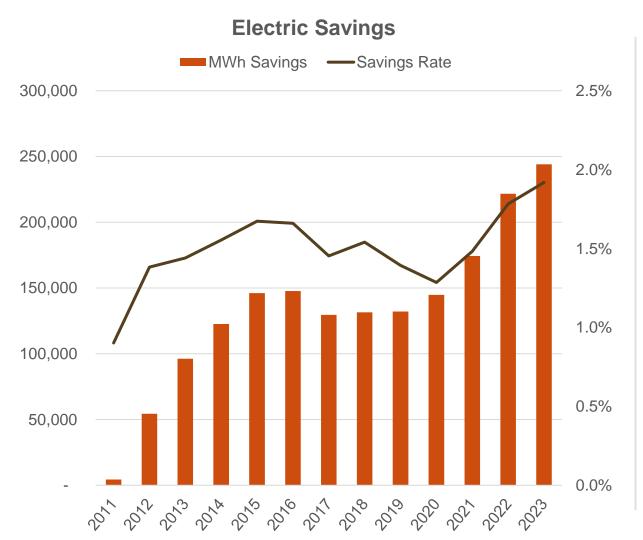
- Email / Web
- >1M unique completions
- Available to all customers

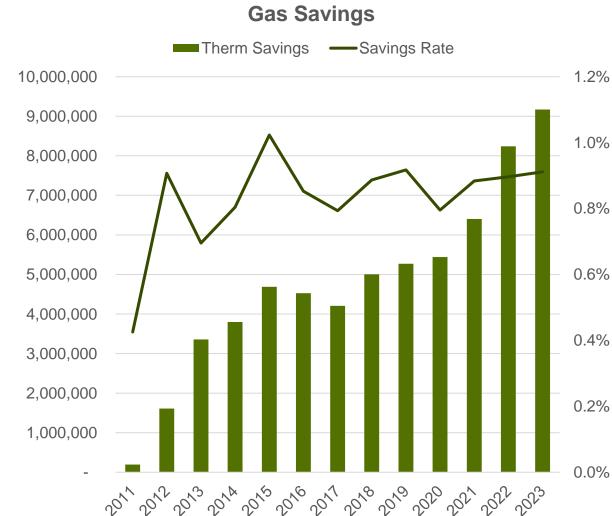
Launched in June 2023

^{* 55%} excluding HER control customers

^{**} These customers receive at least one outbound communications above currently

PG&E Annual Savings









4. The Future

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On the Horizon – BER / TOU move to the top



750k



Winter vHER

 Additional vHER to compliment Summer vHER

Launching Winter '24



35k



Business Energy Reports Pilot

- Ag, Retail, and Food and Accommodation customers
- Weekly Emails

Launched in September '23



900k



TOU HER

- Increase time-of-use awareness
- Bi-annual reports during seasonal transition period

Launched in September '23





6. Recognition







Pause for Recognition



2023 Oracle Environmental Award Winner



2023 PG&E Clarke Award Winner





Thank you

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