











## Background

**GOAL:** Recognize leadership from electricity providers in the shift to a more consumer-focused energy ecosystem

**FOCUS:** Highlight successful programs, products and strategies from electricity providers in six categories

**SELECTED:** An independent advisory panel of 7 experts from a wide range of energy industry stakeholders, including consumer advocacy organizations, government agencies and consulting firms







# 2021 Best Practices Award Winners

# **Smart Energy Innovation**

Technology innovation from an electricity provider related to grid modernization efforts. The winning innovation will be unique in the industry and provide a clear value proposition for residential energy customers.

## **Smart Energy Innovation**





Making investments in smart meters and smart grid technologies that have enabled residential customers to participate in innovative demand response programs.

### **HONORABLE MENTION:**

**Georgia Power's Smart Neighborhood Initiative** 

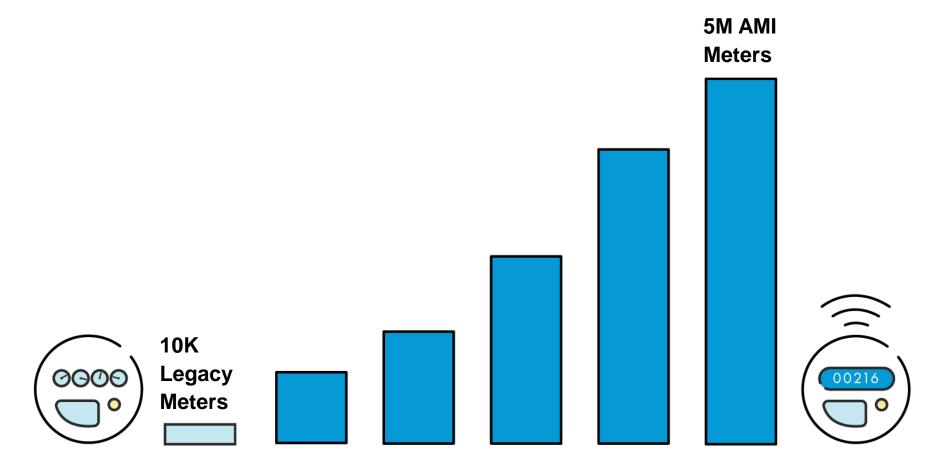




# conEdison, inc.

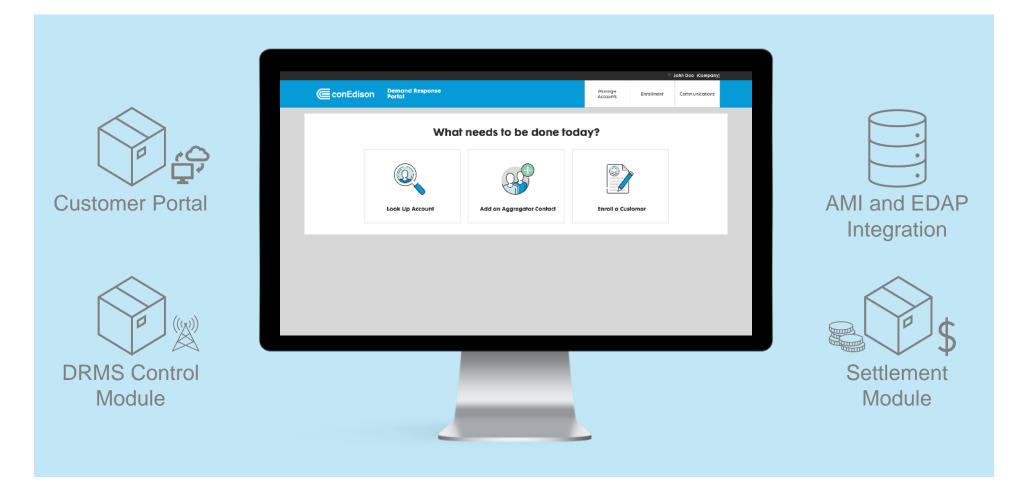
# **Demand Response Overview**

**Growth Potential** (Electric + Gas)





# **Demand Response Management System**



### The DRMS manages:

- Enrollment, validation, dispatch, and performance calculation of DR resources



# **Major Changes to Enrollments**



### Minimum enrollment now 10 watts instead of 1 kilowatt

Bulk upload via excel & CSV



# **Enrollment Submission**

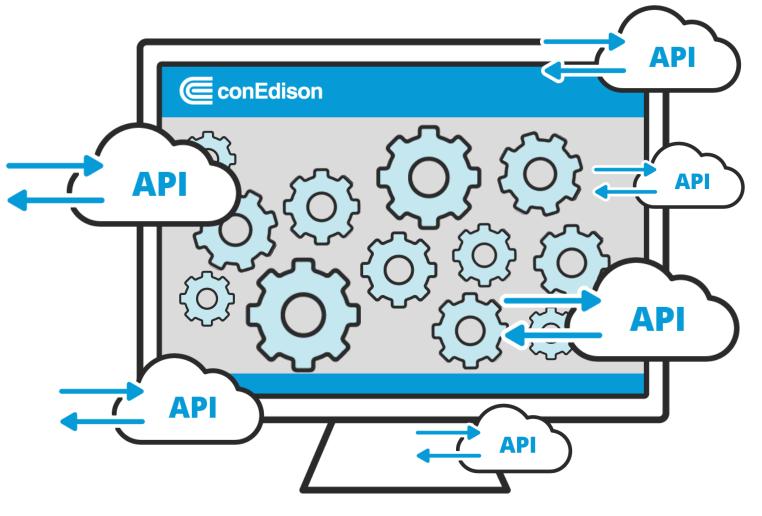
# What's New

- Enroll customers: manually, copy/paste, file upload
- Individual resources enrolled as asset: better reporting & forecasting
- More detailed information on enrollment status & issues

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# **All Functionality Available via APIs**



Built from ground up



# **Culture Transformation**

Shift toward customer centricity within an electricity provider, including adapting to consumer needs during the COVID-19 pandemic, by developing new organizational philosophies, strategies and metrics for customer success.

# **Culture Transformation**





Implementing a holistic change management program, including a new customer service culture program called Customer Service Promise, to transform the whole company into a more customer-centric organization.

**HONORABLE MENTION:** 

**Duke Energy's Think Customer Initiative** 



# Consumer Engagement

High level of engagement and participation in a program and/or service, along with significant benefits to the consumers for their participation.







Launching a customer-driven initiative that is removing barriers of electric vehicle adoption by improving the consumer buying experience.

### **HONORABLE MENTION:**

**Ameren Illinois' Smart Thermostat Blitz** 





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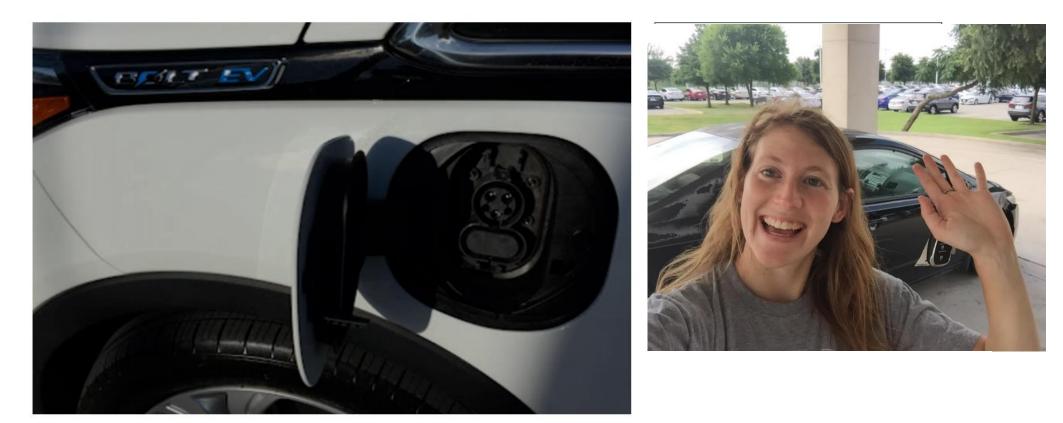
## CITY OF AUSTIN POWER PLANT

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STATE CONVERTING R

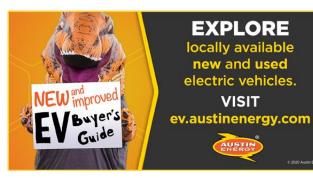
# THAT TIME I TRIED TO BUY AN ELECTRIC VEHICLE... AND NO ONE WOULD SELL IT TO ME



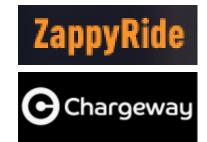


# **Collaboration=Success**









Technology Partners



Local Auto Dealerships



Mayor Steve Adler









# ev.austinenergy.com

Exceeding 10,000 Unique visitors per month in Austin's growing market that is selling 350 EVs per month



Learn





Adopt

# Special Thanks, EV & Emerging Technologies Team!



# **Underserved Markets**

A program, service or product from an electricity provider that has successfully engaged and benefited a traditionally underserved consumer segment (e.g., renters, low-income consumers, seniors).

## **Underserved Markets**





Developing Home Uplift, a collaboratively funded program that provides income-eligible homes with no-cost energy improvements.

### **HONORABLE MENTION:**

**National Grid's Welcome Home Thermostat Program** 

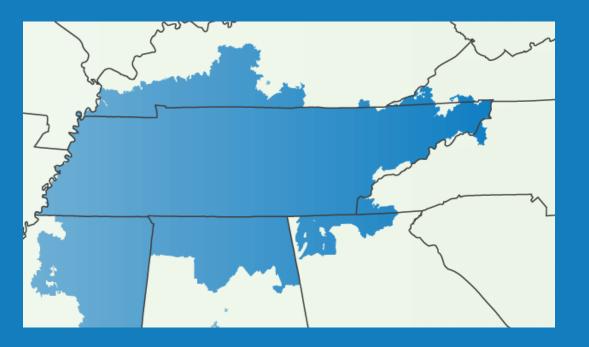


# We believe in uplifting lives.









- Nation's largest public utility
- 80,000 square miles touching parts of 7 states
- Approximately 10 million residents
- 153 Local Power Company Partners

#### IMPROVE QUALITY OF LIFE IN THE TENNESSEE VALLEY







### Environment



Economic Development

M EnergyRight

# **Available Home Uplift measures**



HVAC Systems



Duct Systems



Attic & Wall Insulation



Windows & Doors



Water Heating



Lighting



Air Sealing



Refrigerators



# **Community-Driven Funding Model**

- Local Power Company Round Up Programs
- **City Governments**
- □ Local Housing Authorities
- □ State Energy Offices

- □ Competitive Grants (FHLB)
- Federal Grants (HUD, CDGB)
- Foundations

- Corporations
- Local Nonprofits
- Community Action Agencies



**BY THE NUMBERS\*** 

# **Home Uplift results**

5,094

AVERAGE KWH SAVINGS PER HOME



**HOMES Upgraded** 

1,000

HOMES per year target

**27** PARTICIPATING Local Power Companies

**\$8,500** AVERAGE COST PER

RETROFIT



LPC & THIRD-PARTY CONTRIBUTIONS



**TVA MATCHING FUNDS** 

\*As of March 31, 2021

M EnergyRight

HOME UPLIFT

# **Quantifying non-energy impacts**





Home Uplift outcomes beyond traditional utility EM&V National research form is studying non-energy impacts (NEIs) on Home Uplift participants NEIs being studied include asthma, COPD, thermal stress, tradeoffs to paying energy bills, and quality of life

\*Preliminary data show strong correlation between energy upgrades and improvements in participant health outcomes

# **Consumer Education**

A successful education campaign that increases reach and awareness of consumers on how they can benefit from energy efficiency, smart energy, renewable energy or related programs and services.

# **Consumer Education**



# Mississippi Power

Energy Efficiency Education Program that helps students learn about the importance of energy conservation and for safely adjusting the program due to COVID-19.

**HONORABLE MENTION:** 

Austin Energy's Residential Solar Education Program

200

# SMB Engagement

Programs, services and/or technologies that have successfully engaged small-and-medium business customers and helped them achieve their organizations' energy goals.

# SMB Engagement





Quickly adapting its robust portfolio of no- to low-cost energy efficiency programs to help small businesses safely save energy and money during the COVID-19 pandemic.

### **HONORABLE MENTION:**

**AEP Ohio's Non-Residential Customer Engagement Solution** 



# Thank You SECC!



Chad Miller Senior Program Manager Energy Waste Reduction Programs

# Virtual Energy Coaching

Helping Michigan's small businesses succeed



Reduce your energy use and lower your bill, virtually + Learn How









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SUBMIT								

# Marketplace: Free Thermostats

See if Helping your small Michigan's business qualifies small for a FREE businesses smart thermostat + Check Now Consumers Energy umers Energy Count on Us® Count on Us







Dear 1 OAK INC.

Offer extended! Through Nov. 30, we're offering your choice of any smart thermostat from our Business Marketplace for FREE\* as a way to support your business and help you save energy.



Can help you save up to 23% on your heating and cooling costs
Allow you to control settings from anywhere at any time
Automatically adjust based on occupancy, scheduling and weather
Adv movel

Visit ConsumersEnergyMarketplace.com/sale and select any available smart thermostat before Nov. 30. It's that easy!

We hope your free smart thermostat helps your business save energy and money - all while keeping your employees and customers comfortable!

Chad Miller Program Manager

laws may apply. No eliditional program enrolment or conditions apply, While supplies last. The discourt will be automatic splied at backout. Limits apply. Products purchased must be installed in a business that uses less than 1250,000 kWh of extensive of SIGOM MeV of notand gas priver.







#### Get a free smart thermostat for your business.

We're always looking for ways to support Michigan businesses. That's why we're giving your business your choice of smart thermostat – for FREE!

#### Smart thermostats:

- Help you save up to 23% on heating and cooling costs
- · Allow you to control settings from anywhere at any time
- Automatically adjust based on occupancy, scheduling and weather

+ Get Offer

Offer valid Sept. 28 through Oct. 30, 2020. Taxes may apply. No additional program enrollment or conditions apply. While supplies last. The discount will be automatically applied at checkout. Limits apply. Products purchased must be installed in a business that uses less than 1,200,000 kWh of electricity or 15,000 Mcf of natural gas per year.

Sign Up N

#### Sign Up Bonus: 25% Off Your Next Marketplace Purchase!

Register your account to access your business' energy use, start earning rewards to redeem for gift cards and morel Your Small Business Energy Portal is a dashboard where you can easily view savings opportunities and create an Energy Action Plan for your business.



#### Special offer: Get any smart thermostat for free.

#### Valid while supplies last.

Things are constantly changing for businesses, but one thing's for sure: we can help you lower your energy bill with a FREE smart thermostat. Save up to 23% on your heating and cooling costs, control your settings from anywhere at any time, and prevent energy waste with auto-scheduling.



Offer valid Sept. 28 through Oct. 30, 2020. Taxes may apply. No additional program enrollment or conditions apply. While supplies last. The discount will be automatically applied at checkout. Limits apply. *Products purchased must be installed in a business that uses less than 1,200,000 kWh of electricity or 15,000 Mcf of natural gas per year.* 

#### Sign Up Bonus: 25% Off Your Next Marketplace Purchase!

Register your account to access your business' energy use, start earning rewards to redeem for gift cards and more! Your Small Business Energy Portal is a dashboard where you can easily view savings opportunities and create an Energy Action Plan for your business.



# Get to Free: Up to \$30,000

Test Net Lastine \*Business Nor

Trust and



Now more than ever, we're here to help you save energy and money. Your business may qualify for FREE energy efficiency products and installation.

**Consumers Energy** Count on Us®

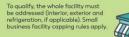
Get to FREE Program Your business could qualify for FREE energy efficiency equipment and installation!

Count on Us Energy Efficiency Program P.O. Box 1040 Okemos, MI 48805

Consumers Energy

As Michigan starts to get back on its feet, we created a special program to help your small business.

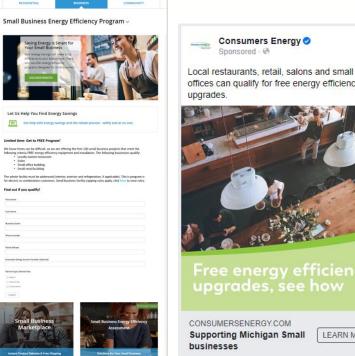
This is a limited time offer for the first 100 small businesses to apply with qualifying projects.



Get started!

ConsumersEnergy.com/smallbusiness or call us at: Mike Olsen - East & West Side of Michigan - 517-977-8273 Michele Horstman - Northern Michigan - 989-859-2828

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Local retail, restaurants, salons and small offices can qualify for free energy efficiency and upgrades.



#### Free energy efficiency upgrades, see how

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