



## **Filing Receipt**

**Filing Date - 2025-02-25 05:20:31 PM**

**Control Number - 38578**

**Item Number - 157**



February 25, 2025

Commission Filing Clerk  
Public Utility Commission of Texas  
1701 N. Congress Ave  
P.O. Box 13326  
Austin, TX 78711

**RE. Project No. 38578 – Energy Efficiency Implementation Project (EEIP) – 2025 Winter EEIP Meeting Presentation**

CenterPoint Energy Houston Electric (“CEHE”) is pleased to submit this presentation for the Winter EEIP Meeting scheduled for Wednesday, February 27, 2025.

We look forward to participating in the meeting and presenting information on our program plans and our efforts to drive building practices beyond the 2021 International Energy Conservation Code (IECC) for residential new construction. If you have any questions, please contact me at 713-207-7465.

Sincerely,

A handwritten signature in black ink that reads 'Shea Richardson'.

Shea Richardson,  
Manager, Energy Efficiency Compliance



# CenterPoint Energy

Program Plan Summary





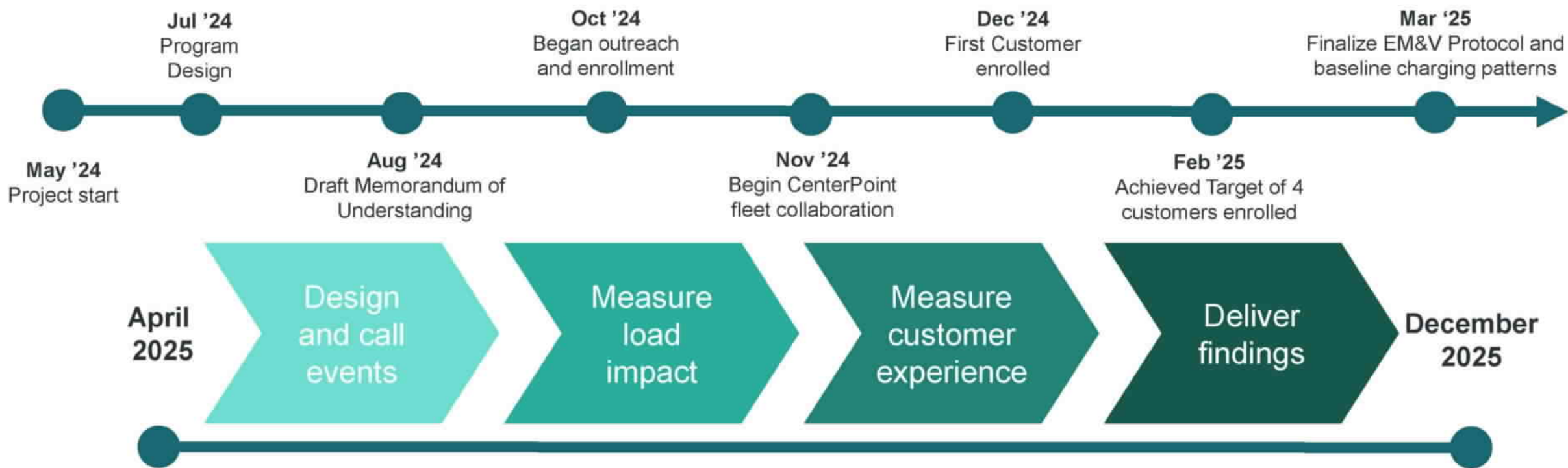
2025 Projections			
Program	Budget	kW	kWh
<b>Large Commercial</b>	<b>\$23,204,591</b>	<b>185,251</b>	<b>137,110,000</b>
Commercial SOP	\$7,390,866	13,200	65,000,000
Commercial MTP (SCORE, Healthcare, Data Center)	\$6,608,676	9,120	54,650,000
Commercial Load Management SOP	\$4,657,808	110,000	660,000
Retro-Commissioning MTP	\$1,634,597	1,170	9,000,000
Commercial High Efficiency Foodservice MTP	\$905,330	536	3,500,000
Winter Load Management Pilot Program	\$1,606,511	50,000	300,000
Retail Products and Services MTP	\$400,804	1,225	4,000,000
<b>Residential and Small Commercial</b>	<b>\$17,702,590</b>	<b>49,586</b>	<b>102,642,000</b>
Retail Products and Services MTP	\$4,522,593	6,718	41,642,000
CenterPoint Energy High Efficiency Home MTP	\$4,724,928	12,496	25,537,000
Residential & Small Commercial Standard Offer Program	\$379,170	535	1,400,000
Midstream MTP (HVAC and Pool Pump Distributor)	\$3,088,425	3,500	7,385,000
Residential Load Management Standard Offer Program	\$969,270	22,000	66,000
Multi-Family MTP Market Rate	\$869,634	1,837	5,576,000
Solar Program	\$1,039,732	2,500	11,500,000
REP Thermostat Pilot	\$2,108,839	0	9,536,000
<b>Hard-to-Reach</b>	<b>\$6,274,894</b>	<b>6,518</b>	<b>11,353,000</b>
Hard-to-Reach SOP	\$616,401	527	1,000,000
Multi-Family MTP HTR	\$555,898	551	1,673,000
Targeted Low Income MTP (Agencies in Action)	\$5,102,595	5,440	8,680,000
<b>R&amp;D</b>	<b>\$500,000</b>		
<b>TOTAL</b>	<b>\$47,682,074</b>	<b>241,355</b>	<b>251,105,000</b>
<b>EM&amp;V</b>	<b>\$524,366</b>		
<b>Total</b>	<b>\$48,206,440</b>		

# 2026/27 POTENTIAL PROGRAMS

COMMERCIAL	RESIDENTIAL	LOW INCOME
Large Commercial SOP	CenterPoint Energy High Efficiency Homes MTP	Hard-to-Reach SOP
Commercial MTP <ul style="list-style-type: none"> <li>- SCORE</li> <li>- Healthcare</li> <li>- Data Center</li> </ul>	Retail Products & Services <ul style="list-style-type: none"> <li>- REP Residential</li> <li>- Smart Thermostat</li> <li>- Advanced Retail Products</li> </ul>	Multi-Family MTP
Commercial Load Management	Residential & SC SOP	Targeted LI MTP (Agencies in Action)
Retail Products & Services <ul style="list-style-type: none"> <li>- REP Commercial</li> </ul>	Mid-Stream MTP (HVAC and HPWH Distributor)	Multi-Family MTP
Retro-Commissioning MTP	Multi-Family MTP	
Commercial High Efficiency Foodservice (CHEF) MTP	Residential Load Management	
Winter Load Management Pilot	Residential Solar Program	
	REP Smart Thermostat Pilot	

# Commercial Managed Charging Study

- Objective – **Research potential impacts** of managed charging for electric vehicles and develop and **evaluate program designs** to incorporate into our energy efficiency portfolio.
- Strategy – CenterPoint is studying active managed charging strategies, primarily focused on Demand Response, that encourage participation while reducing the operational impact on customers.
- Customer Eligibility –  $\geq 50\text{kW}$  of total charging load, agree to facilitate CenterPoint access to usage data as well as deliver qualitative feedback on the design of each strategy.





# Driving building practices beyond IECC 2021 in residential new construction

Austin Pooley

Portfolio Strategy & Innovation



# Market barriers in new construction



INCREASING  
BASELINES



INFLATION IN THE  
COST OF BUILDING  
SUPPLIES



DEVELOPING A  
WORKFORCE THAT  
VALUES ENERGY  
EFFICIENCY



# Strategies employed to address market barriers



Provide incentives to bridge the cost gap between standard construction and high efficiency construction



Provide a roadmap for builders to enhance construction practices



Educate builders and consumers on the value of national certifications



Educate market actors and customers on the value of building comfortable homes that utilize less energy

# 2024 High Efficiency Home Program Design

- Aligned with legislation promoting 45L tax credits
- Aligned with recommendations from the PY19 EMV Statewide EE Report vol. 1
- Clearer value proposition for builders and raters

## Above Code Home Program Incentives

DOE Zero Energy Ready \$500

ENERGY STAR Certified \$250

RESNET HERS Rated \$100

## HVAC Incentives

SEER	16.0-16.9	17.0-17.9	18.0-20.9	21.0-23.9	24.0+
\$/Ton	\$25	\$75	\$100	\$125	\$150

Heat Pump Systems \$75/Ton

ENERGY STAR qualified Smart Thermostat \$5/Ton

## Additional Incentives

ENERGY STAR qualified Hybrid Heat Pump Water Heater \$800/HPWH

ENERGY STAR qualified Electric Vehicle Charger \$35/Level 2 EVSE

Induction Cooktop \$5/Burner

Solar PV (DOEZER Only, 5 kW Cap) \$250/kW

## Rater Incentive

Every Home Approved \$15

# 2025 High Efficiency Home Program Design

Performance Packages, Per Home		
Certification	Incentive	Savings Threshold
ZERH Certification	\$600.00	2000 kWh
ESTAR v3.2	\$300.00	1000 kWh
ESTAR v3.1	\$150.00	800 kWh
RESNET Rated	\$75.00	400 kWh

Add-On Incentives			
AC Units			
15.2-15.9 SEER2 \$25 per ton		16 SEER2 + \$50 per ton	
Heat Pumps			
8.5-9.5 HSPF2 \$75 per ton	9.5-11 HSPF2 \$100 per ton	11-12 HSPF2 \$125 per ton	12+ HSPF2 \$150 per ton
Heat Pump Water Heater			\$500
Thermostats			\$25
EV Charger			\$35
PV			\$250
Rater Bonus			\$15

- Thresholds for energy savings ensures cost effectiveness with higher baseline
- Splitting ENERGY STAR versions to provide additional step in the roadmap
- Encourage the adoption of heat pumps to provide additional savings and grid reliability

## Expected effects resulting from these changes



Reduce the number of new homes with electric resistance strip heating installed



Reiterate importance on achieving above code certifications



20-25% reduction in the number of homes that qualify for the program

# Preparing the Workforce

- CenterPoint Energy is continuing to build on our Workforce Development initiatives
  - Increased our Sponsorship level for the Greater Houston Builders Association from Silver to Gold tier to accommodate additional educational training opportunities
  - Sponsoring “How to Build a Net Zero Ready Home” training administered by Energy & Environmental Building Alliance (EEBA)
- Regularly meet with Energy Raters to identify opportunities to provide training to builders and their workforce
- Planning training opportunities in 2025 with SPEER, Entergy, Carrier, and Daikin

# Preparing the Workforce

- Connecting with local housing advocacy groups, such as the Houston Housing Collaborative, to reach affordable housing providers
- Consulting with local government housing agencies to help outline energy efficiency requirements in RFPs for new construction projects
- Partnering with local community colleges (Lone Star & Houston Community Colleges) to educate HVAC students about energy efficiency and connect students to our participating contractors