

June 6, 2025



## 2025 Retail Electric Provider Workshop

Agenda Item	Presenter
Breakfast & Registration	All
Executive Welcome	Robert Goodge
Electric Market Operations Update	Toni Bean & John Hudson
A Powerful Safety Reminder	Joycelyn Johnson & Donovan Calvin
Meter Data Loading at ERCOT	Kelly Brink
Kahoot & Break	All
Emergency Preparedness & Response	Treemonisha Smith & Matt Lanza
Resiliency Update	Mythili Chaganti
Kahoot & Break	All
CRIP Update 2025	Richard Beasley
Kahoot & Lunch	All
CenterPoint Energy Enhanced Outage Communication Strategy	Stephenie Howard & Roderick Batteaux
ERCOT Retail Market Updates	Kathy Scott
Regulatory Update	Jim Lee & Joymesha Jones
Closing Remarks	Lee Doehring
NASA Self Guide Tour	All

# Executive Welcome

2025 Retail Electric Provider Workshop

**Robert Goodge**

Vice President Meter to Cash





# Electric Market Operations Update

**Toni Bean**

Director Electric Market Operations

**John Hudson**

Director Customer Billing





# A Powerful Safety Reminder:

**Joycelyn Johnson**

Texas Gas Safety Core Team



# Safety Is More Than a Procedure

“At CenterPoint Energy, safety is not just a checklist—it’s a core value that lives in every action we take.”

- Safety shapes our culture and training.
- Every employee plays a role in protecting lives.
- Winter Storm Uri reminded us of the critical importance of safety—even in routine moments.



# The Human Side of Safety

“Behind every system, policy, and standard are real people.”

- Daily work carries real risks, especially for front-line workers.
- A colleague's serious injury during a routine check is a powerful reminder: there is no such thing as 'routine.'
- Every decision matters.



# Meter Data Loading at ERCOT

**Kelly Brink**

Data Loading and Aggregation



# Daily transaction processing on average

## 867\_03 TX Set EDI

- 300,000 NIDR
- 1,300 IDR

## AMS LSE data

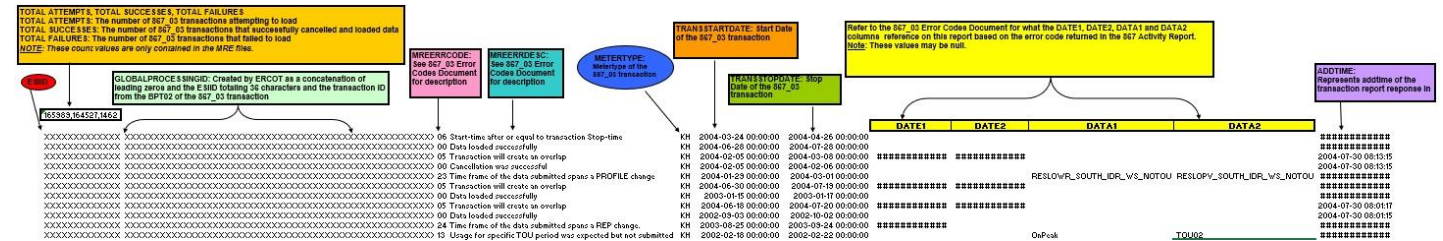
- 9.1M

## EPS (ERCOT Polled Settlement ) data

- 2,500

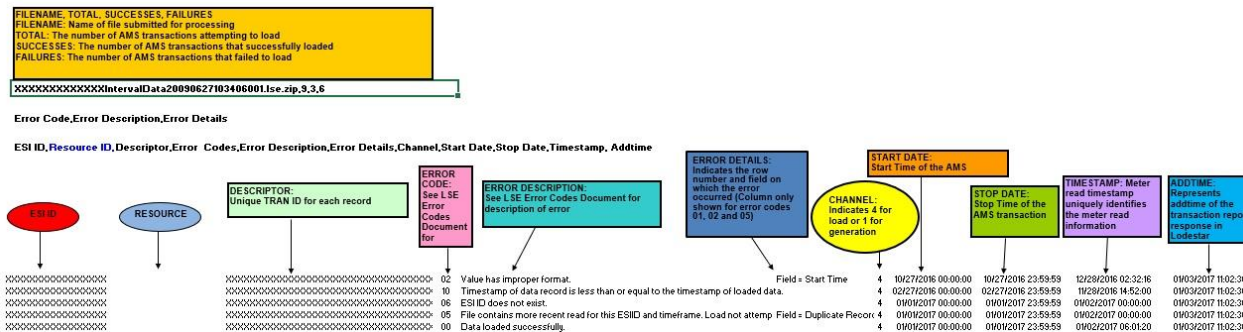
# 867\_03 IDR/NIDR Activity Report

- Data loading runs once per day at 3pm
- Includes information regarding both successful and failed loading attempts
- Created daily provided data is available for loading
- Recipients of the report are the MRE and the LSE DUNS from the N1SJ loop of the 867\_03 transaction
- Posted to ERCOT's MIS



# Interval Data LSE Activity Report

- Data loading occurs hourly
- Includes information regarding both successful and failed loading attempts
- Report is created per file submitted
- Recipients of the report are MREs only
- Posted to ERCOT's MIS



# Related Extracts

## ESIID Service History and Usage Extract

- Provides Market Participants (MP) ESIID level data that ERCOT uses in Market settlement as well as the data needed to perform shadow settlements

## IDR Supplemental Extract

- Provides Market Participants their IDR required interval data loaded at ERCOT systems via 867\_03 transactions

## AMS Interval Data Supplemental Extract

- Provides Market Participants their AMS interval data loaded at ERCOT systems. Contains the fifteen-minute interval data for ESIIDs that have Advanced Meters installed at the premise

## Resource ID Extract

- Provides Market Participants with data related to generation resources, other ERCOT polled settlement meters and TDSP read Resource IDs



## Extracts: Additional Information

- Extract data is available approximately 4 days after the data arrives at ERCOT
- All extracts mentioned run for the same intervals (i.e. same ~24 hr window)
- Must subscribe to each extract to receive
- Company level subscribe/unsubscribe
- Extract output produced daily for owners of data if data was modified
- Posted to MIS for 30 days
- Support protocols NP11.2.2(3)(a), NP11.2.2(3)(b), NP 10.12.3(a)

# Market Data Transparency Web Services


The screenshot shows a web browser window with the URL `mis.ercot.com/secure/applications`. The page is titled "ercot | Market Information System" and includes navigation links for "Data Products", "Applications", and "Notices". The main heading is "Application Library" with a subtext: "These are the applications available based on your Digital Certificate's permissions." Below this, there is a grid of application cards. The card for "Market Data Transparency Web Services" is highlighted with a green border. Other visible cards include "Settlement Disputes", "Service Requests", "Renewable Energy Credits", "Market Manager (MMSUI)", "MarkeTrak", "Find Transactions", "Find ESIID", and "Extract Subscriber".

Application Name	Icon	Description	Status
Settlement Disputes	Speech bubbles	Create or find Settlement Disputes.	Certified
Service Requests	Pencil and paper	Create or find Service Requests.	Certified
Renewable Energy Credits	Link icon	Link to Texas Renewable Energy Credits (REC) website.	
Market Manager (MMSUI)	Upward arrow	Market Manager (MMSUI) is used to create and review market su...	Certified
<b>Market Data Transparency Web Services</b>	Folder icon	Self-service data request access for a subset of AMS, Service...	Certified
MarkeTrak	Checklist icon	MarkeTrak tracks, manages, and stores data for ERCOT Market P...	Certified
Find Transactions	Search icon	Find business process transactions by Electric Service Identi...	Certified
Find ESIID	Search icon	Find Electric Service Identifier (ESI ID) information.	Secure
Extract Subscriber	Checkmark icon	Subscribe/unsubscribe to/from specific certified retail and s...	Certified

Help

# Market Data Transparency Requests

- Provides data for specific ESIIDs on demand
- Output is posted to ERCOT's MIS under 'Market Data Transparency'
- Can only access data you own
- Output posted for 30 days

ercot 	
Data Request Services	
Status	
Request Information	
Provide ESIID account records	?
Provide ESIIDs I own for a trade date	?
Provide Non-IDR transaction data for ESIIDs I own	?
Provide ESIIDs where AMS interval data not loaded for a trade date	?
Provide IDR usage data for ESIIDs I own (IDR required)	?
Provide all extract records for ESIID Service History and Usage extract	?
Provide AMS interval data for a trade date	?
Transaction Information	



# Emergency Preparedness & Response

**Treemonisha Smith**  
Manager, Emergency Planning

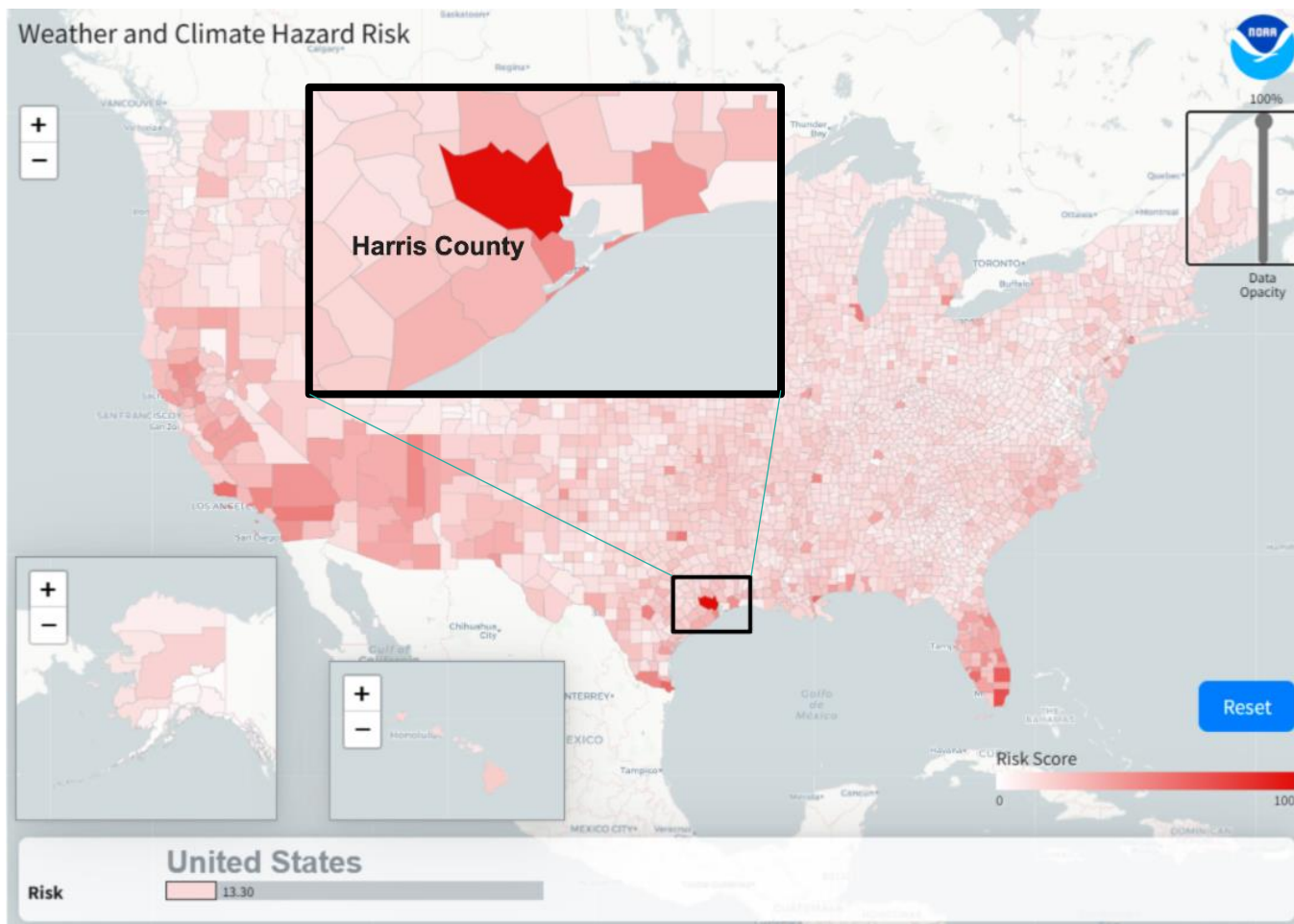
**Matt Lanza**  
Manager, Meteorology





**Our commitment to Greater  
Houston: Building the most  
resilient coastal grid  
in the country.**

# Extreme Weather Threats: High Risk



National Oceanic and Atmospheric Administration

- ➞ Greater Houston has the highest weather/climate hazard risk in the country
- ➞ Harris County has more high-risk zones than any other county (per FEMA)
- ➞ Densest customer base coupled with densest urban vegetation along the coast

# Preparing the Incident Management Team

Establish fully trained and qualified Incident Management Team to manage all emergencies in Command, Control and Coordination.

1

## Introductory Level Online FEMA Courses

- ICS 100 – 2 hours
- ICS 200 – 4 hours
- ICS 700 – 3.5 hours
- ICS 800 – 3 hours
- CNP EP&R Intro – 1 hour



2

## In-person FEMA Courses and Bootcamp

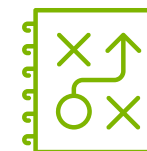
- ICS 300 – 3 days
- Position specific – 2 days
- Bootcamp



3

## Experienced Level In-person Participation Evaluation and Testing

- Functional Exercise 1
- Functional Exercise 2
- Full Scale Exercise



Training provided and delivered by FEMA and emergency experts, including Hagerty and URTA

# Emergency Preparedness in Action

Actions we're taking to prepare for the 2025 hurricane season and enhance how we respond to extreme weather events.

**100+** **Weather stations** installed to enhance situational awareness and storm preparation

**750+** **Employees** completed Federal Emergency Management Agency (FEMA) trainings

**14+** **Meetings and exercises** with local officials and emergency response partners to strengthen coordination and test our emergency response plans

**21** **Emergency backup generators** being donated and installed in strategic community locations





# Pre-Staging Key Resources

Strategically positioning key equipment, materials and mutual assistance resources to be able to respond as safely and as quickly as possible.

**25k+** **Mutual assistance frontline workers** available to support

---

**30+** **Pre-identified areas** throughout service area to stage frontline workers

---

**21** **Wind-resistant containers** to store key materials to quickly repair weather-related damage

---

**20** **Category 3 trailers** to support field command posts



# Leveraging AI and New Technologies



Data aggregation &  
visualization



High-resolution & damage  
assessment modeling



Weather  
sensors



High-resolution  
cameras



Resource & crew management  
software



# Full Scale Exercise

This exercise is part of a series of emergency preparedness actions we're completing ahead of the 2025 Hurricane Season.

## SCENARIO

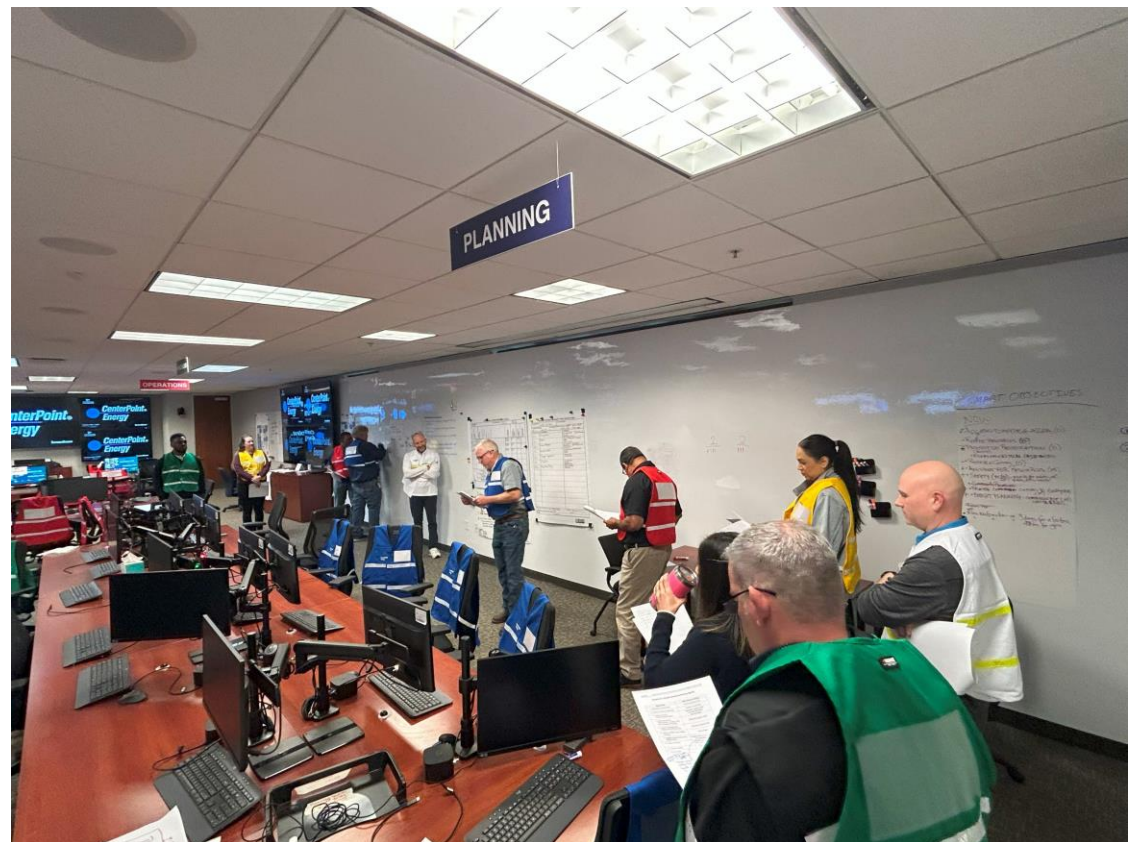
**Simulating Category 3 Hurricane event** to strengthen coordination and improve our emergency plans

## PARTICIPANTS

**200+ CenterPoint team members** participating in exercise

## STAKEHOLDERS

**50 state and local officials and community partners** are joining us to at our Emergency Operations Center



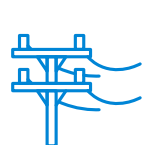
# Greater Houston Resiliency Initiative

To address extreme weather risk, we are building the most resilient coastal grid in the country.



# GHRI: Early Completion of Phase 2

## Resiliency Actions (July 2024 – June 2025)



Installing stronger, more storm-resilient poles







Installing automation devices capable of self-healing



Clearing hazardous vegetation near power lines



Undergrounding power lines

	Complete As of May 22, 2025	Target By June 1, 2025
	26,470 POLES	26,000 POLES
	5,159 DEVICES	5,150 DEVICES
	6,018 MILES	6,000 MILES
	417 MILES	400 MILES



# Year-Round Preparedness Communications



# In-Event: Proactive Multi-Channel Approach



**Outage  
Tracker**

**CenterPointEnergy.com/  
OutageTracker**



**Dedicated Emergency  
Event Website**

**CenterPointEnergy.com/  
ActionCenter**



**Daily Calls, Texts, or Emails  
about Event Status**

**CenterPointEnergy.com/  
PowerAlertService**



**Daily Operational  
Briefings**



**Social Media Channels**



**Radio and  
Local News**



# Improving Customer Communications



## Direct-to-Customer Communications

- Year-round customer safety and preparedness campaign
- Tailored outreach to Critical Care Residential customers
- Real-time updates via social media



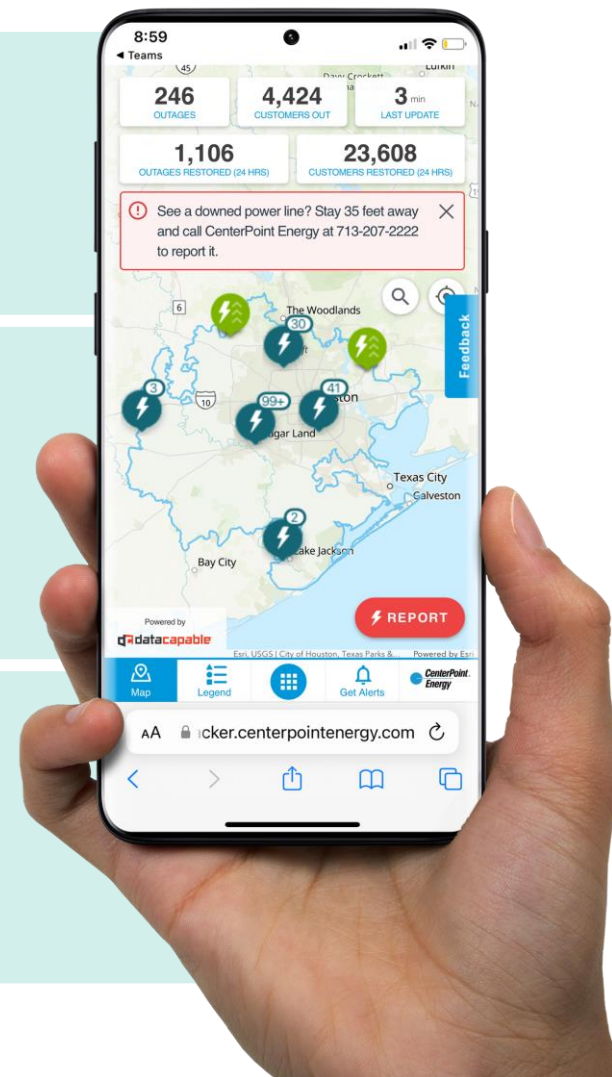
## Community Outreach Events

- Hosting and presenting at emergency preparedness events across 12-county Greater Houston area
- Sponsoring largest hurricane preparedness event in Texas
- Holding webinars in Spanish, Mandarin and Vietnamese



## Outage Tracker Improvements

- Cloud-based Outage Tracker with premise-level info
- Spanish-language Outage Tracker
- Mobile/web-based ability to report hazards



# How We Communicate: Power Alert Service®

Sign up today to receive timely, specific updates about your power.

➞ **Get alerted within minutes of a power outage** by phone call, text\* or email.

➞ **Receive daily updates** before, during and after weather events.

➞ **You can add family and friends** to receive alerts for your location.

\*There is no fee for Power Alert Service®, but if you select SMS/text messaging notifications, standard text messaging fees charged by your carrier may apply



Scan the QR code to sign up for  
**Power Alert Service®** or visit

**CenterPointEnergy.com/PowerAlertService**

**Our commitment to Greater  
Houston: Building the most  
resilient coastal grid  
in the country.**

[CenterPointEnergy.com/PowerAlertService](https://CenterPointEnergy.com/PowerAlertService)

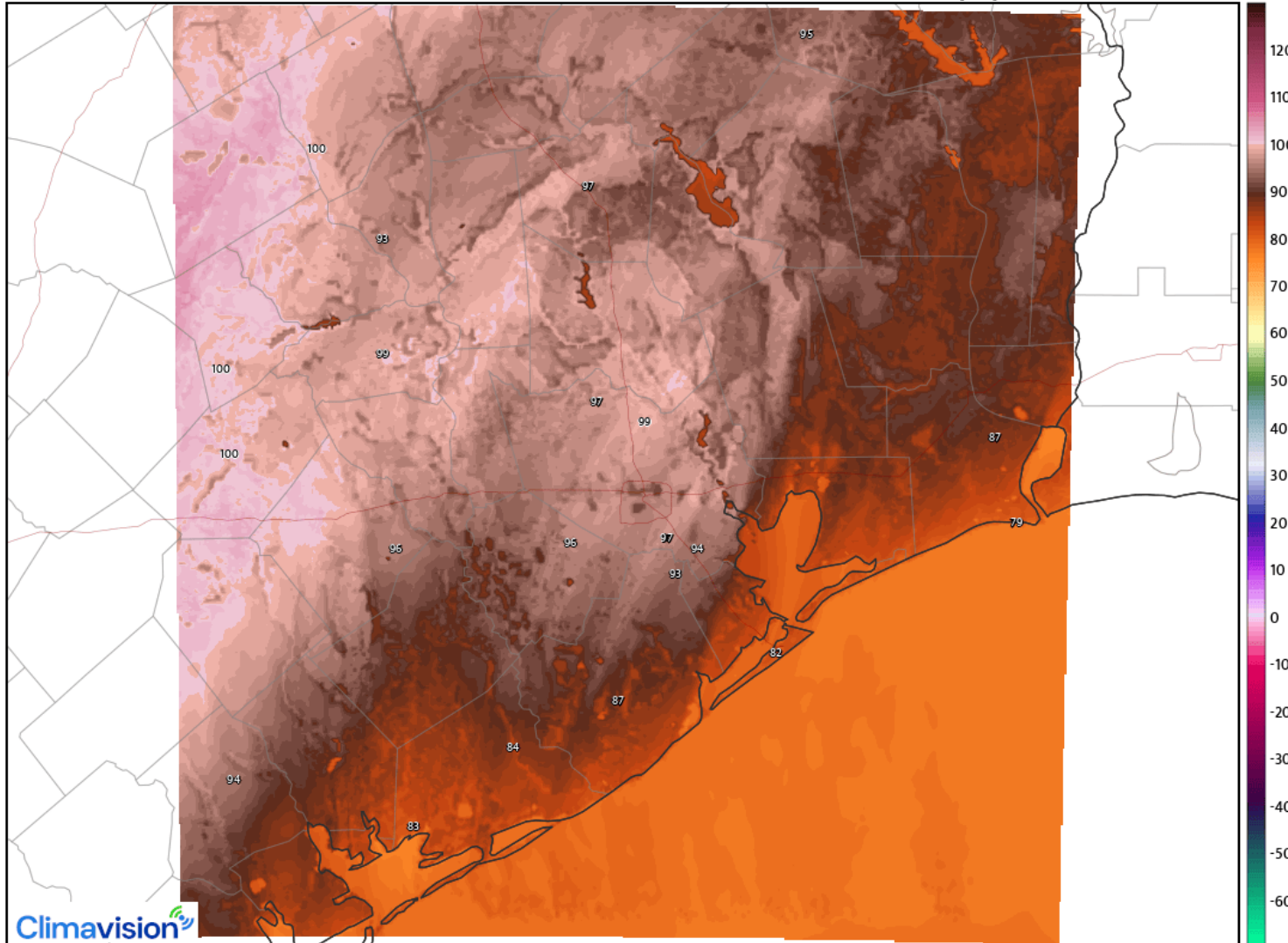
# Meteorology at CenterPoint

- CNP hired in-house meteorologist in November 2024; second meteorologist onboarding soon.
- Internal weather forecast toolkit grew astronomically in last 7 months, with access to new models and data. Additional tools to come.
- Meteorology is firmly embedded within Emergency Preparedness and Response but interfaces with many groups across the company.
- Group will continue to grow and become more advanced over time.

**HIRES: 2m Temperature (°F)**

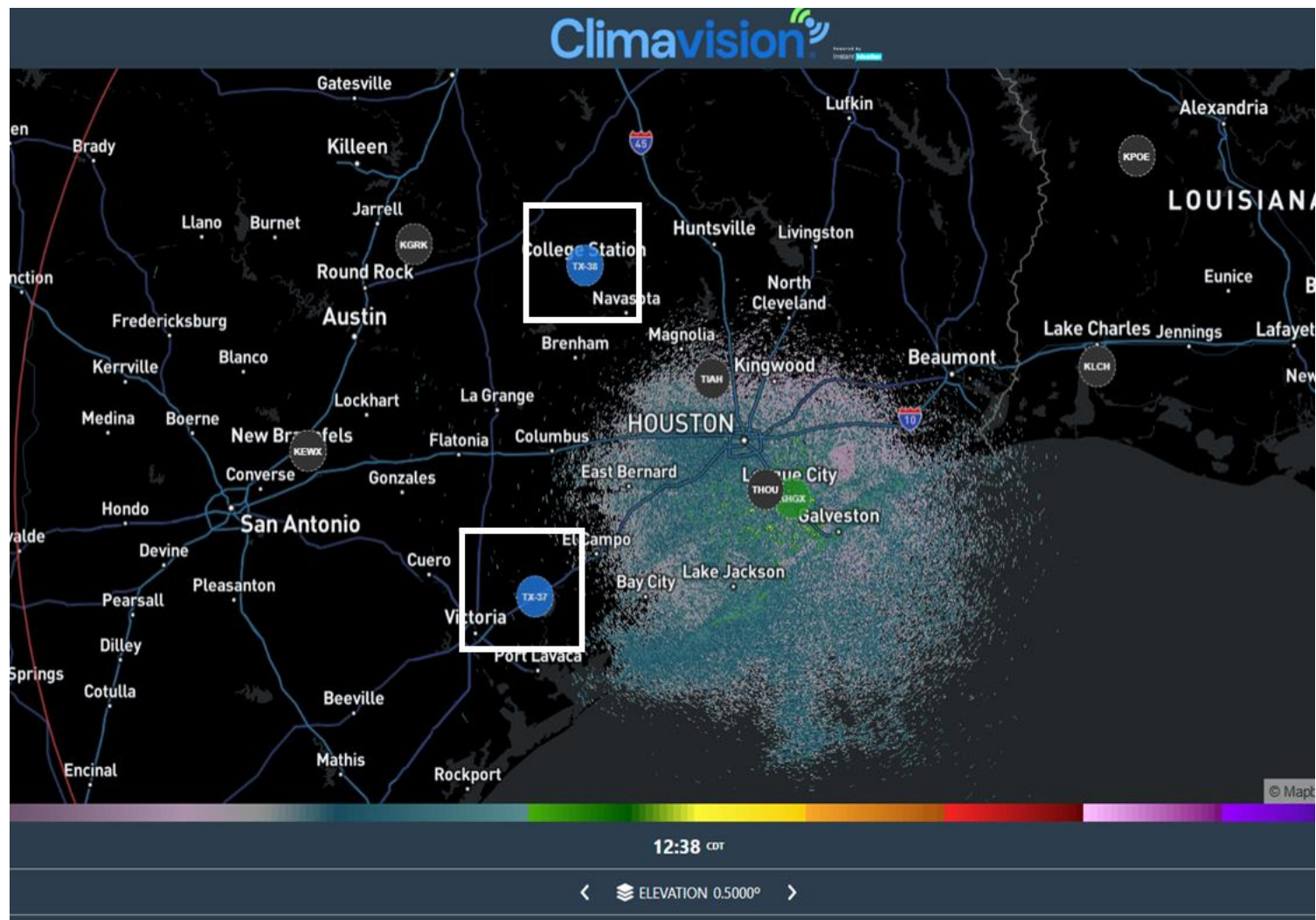
Initialized: 12z Mon MAY 12, 2025

Forecast Hour: [057] --&gt; Valid: 21z Wed MAY 14, 2025



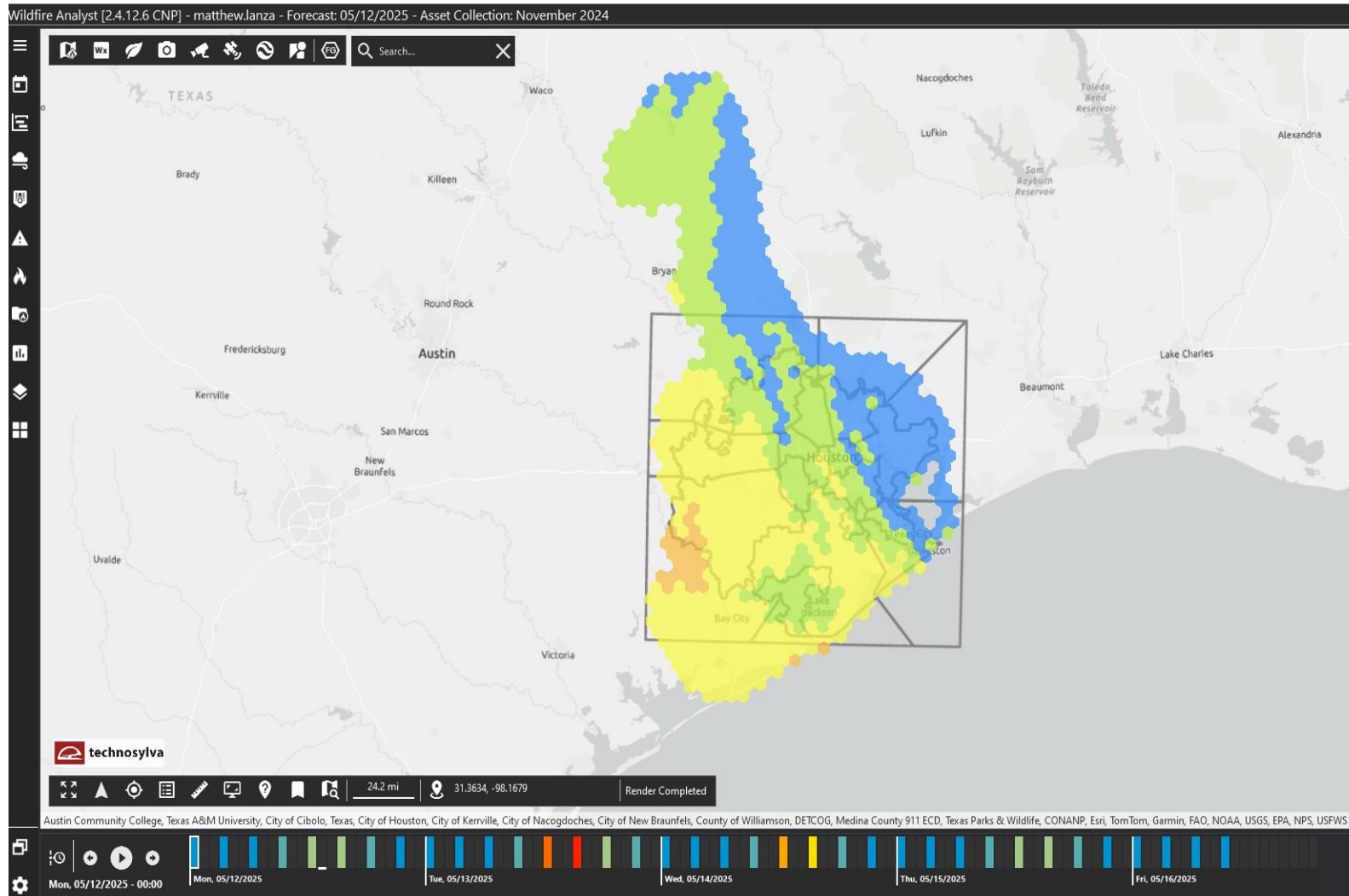
- Climavision providing CenterPoint access to their high-resolution model platform.
- Climavision has developed a 670 meter resolution model focused over Houston that we also have access to.
- Most high-resolution models available are 2-3 km resolution, so this gives us a tremendous tool.
- Weather station data from our 100+ sensors will be ingested into the model to improve it over time.
- Data from the tool will also be utilized for temperature forecast inputs throughout the company.
- Will be our primary tool for thunderstorm forecasting.



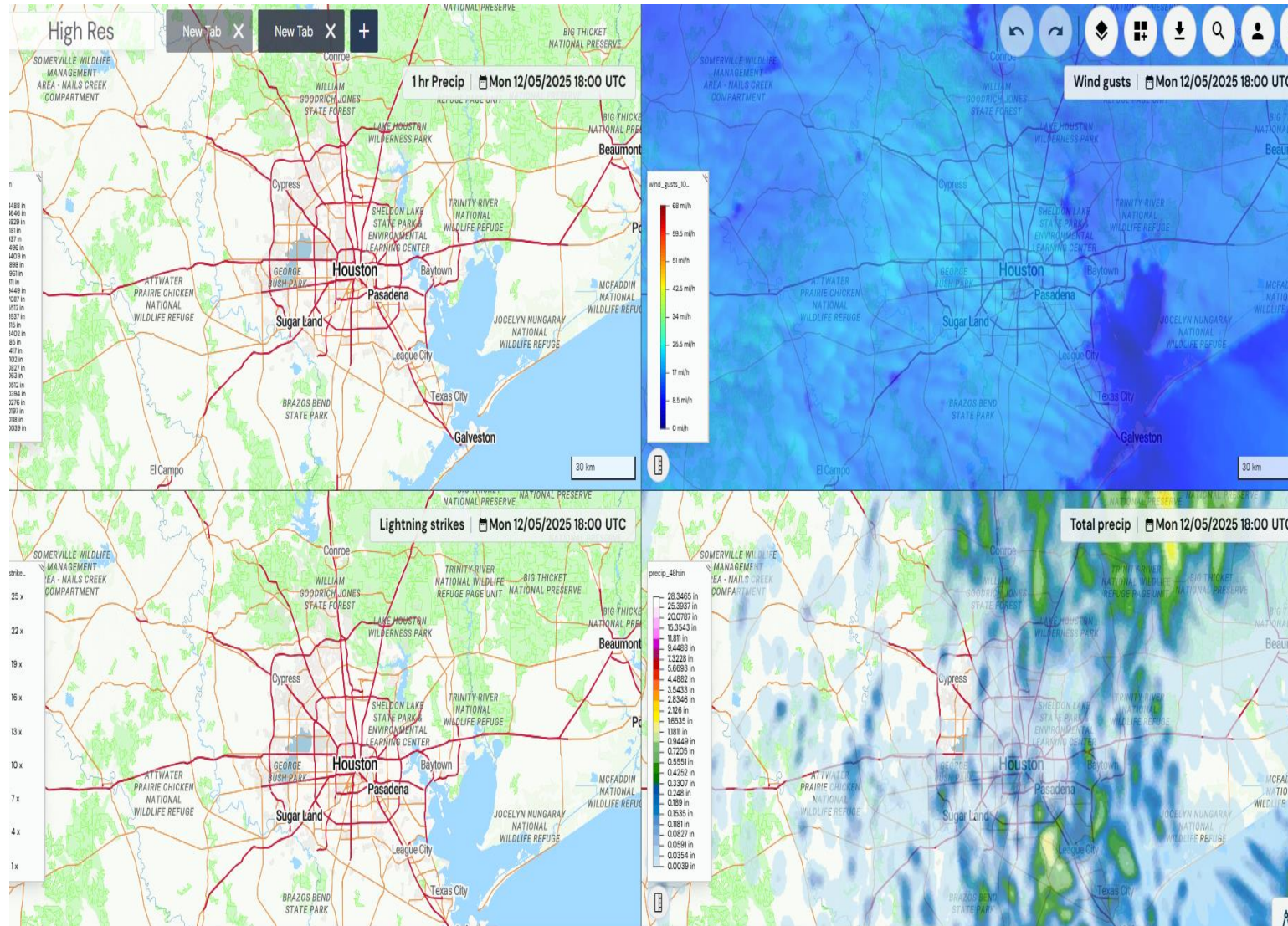


- Climavision also providing access to their radar platform for situational awareness.
- We also have access to their proprietary radars located near El Campo and College Station to beef up radar coverage on the west and north side of our territory.





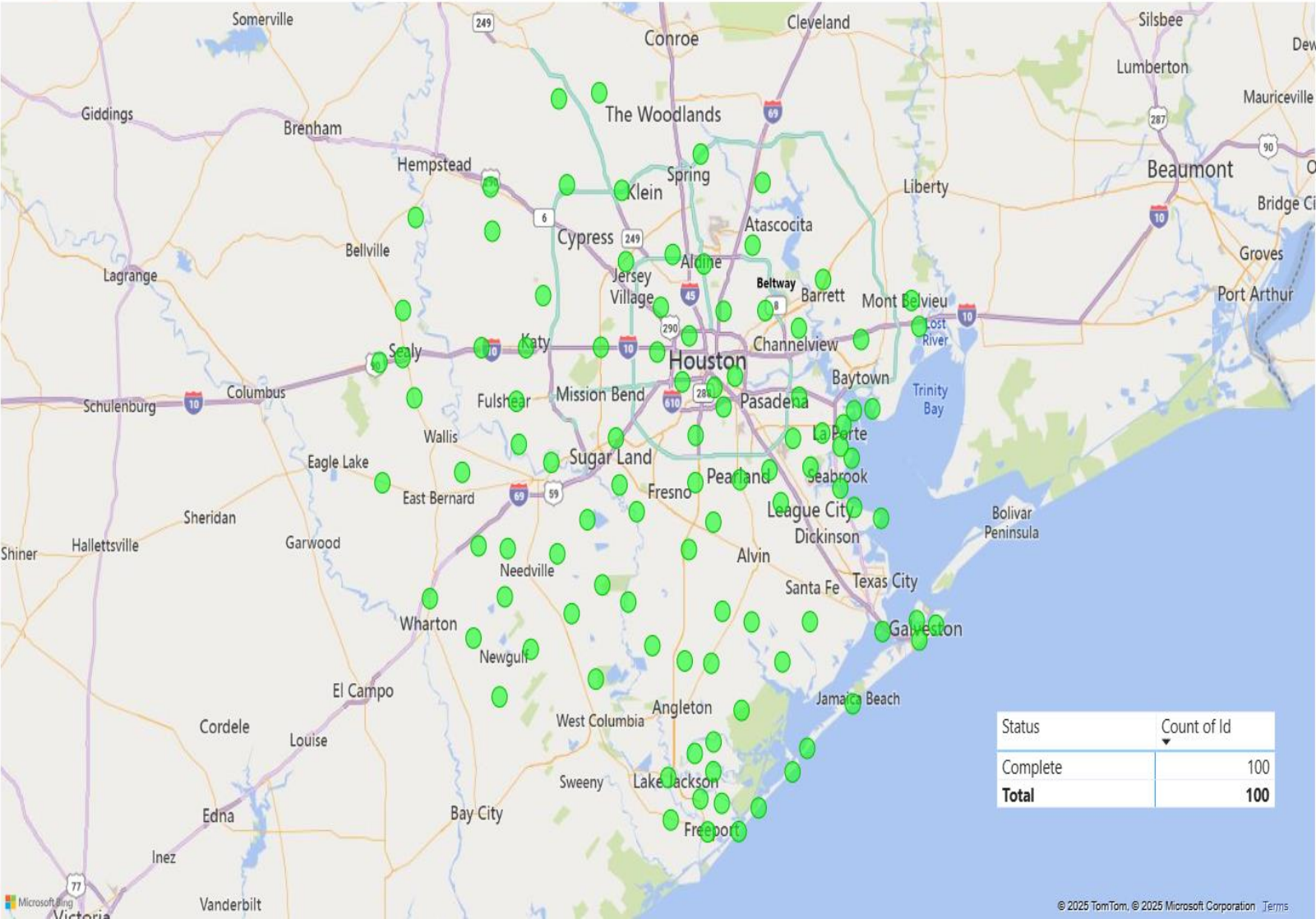
- FireRisk and FireSim are tools for use by the company to help understand daily wildfire risk and potential impacts.
- Tool is based on a high resolution weather model with high resolution analysis of fuels and infrastructure to determine areas at highest risk on a daily basis.
- Tool will expand to go beyond wildfires this summer.



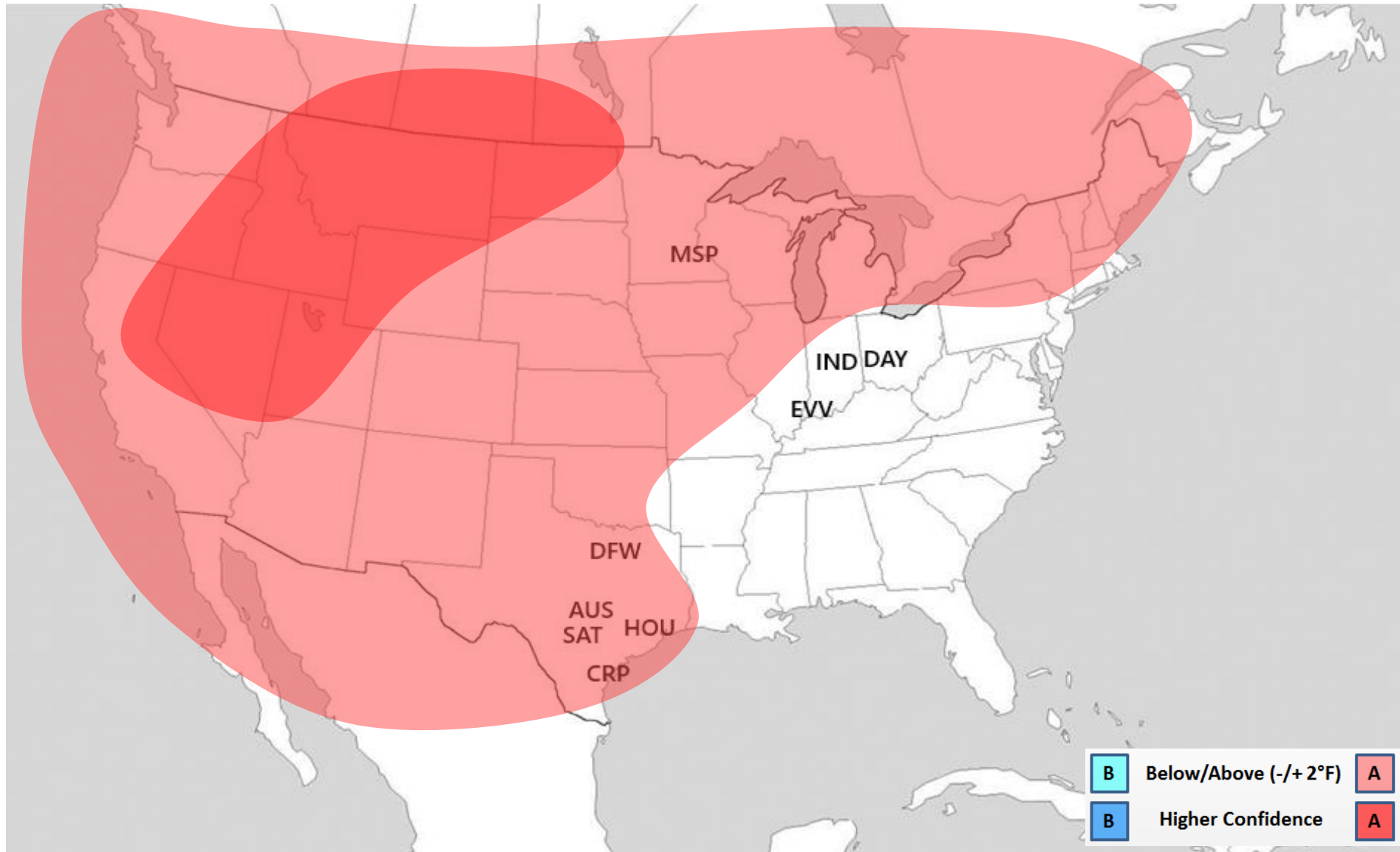
- A 1km resolution weather model meant as a “sanity” check on other modeling.
- Will be utilized to compliment other tools in the arsenal.
- Will likely be utilized as part of an “ensemble” of high resolution weather modeling tools.



Status ● Complete



- 100 weather stations installed as part of the GHRI.
- Weather stations will be used to help us monitor weather in real-time across the whole service territory.
- Stations will also be used as inputs to high resolution models for improved forecasting.
- Station weather data publicly available via Synoptic data or NOAA observation sites.
- Additional weather stations likely to be installed later in 2025 and 2026.



- Summer is expected to be hotter than normal nationally. Our territories may be mixed.
- Texas should be hot but probably not to the levels of 2022 or 2023 and more like last summer.
- Indiana and Ohio may have the lowest risk of strong heat.
- Rainfall should be below average overall, with some risk for the Houston area to be near or above normal.

**Overall:** The 2025 Atlantic Hurricane season is expected to be slightly more active than usual. We currently expect about 19 named storms, 8 hurricanes, and 4 major hurricanes, very close to that expected by Colorado State University. The underlying data supporting the forecast is somewhat under these values, but given the still exceptionally warm water of the Atlantic Basin, and the expectation of no El Niño this summer, an above normal forecast seems more realistic than a below normal one.

2025 Hurricane Season Outlook	Named Storms	Hurricanes	Major Hurricanes	Accumulated Cyclone Energy (ACE)
CNP Internal Forecast	19	8	4	140
Colorado State University	17	9	4	155
The Weather Company	19	9	4	--
NOAA	Coming soon			
Last Year	18	11	5	161.6
15-Year Normal	17.2	7.9	3.4	129.9





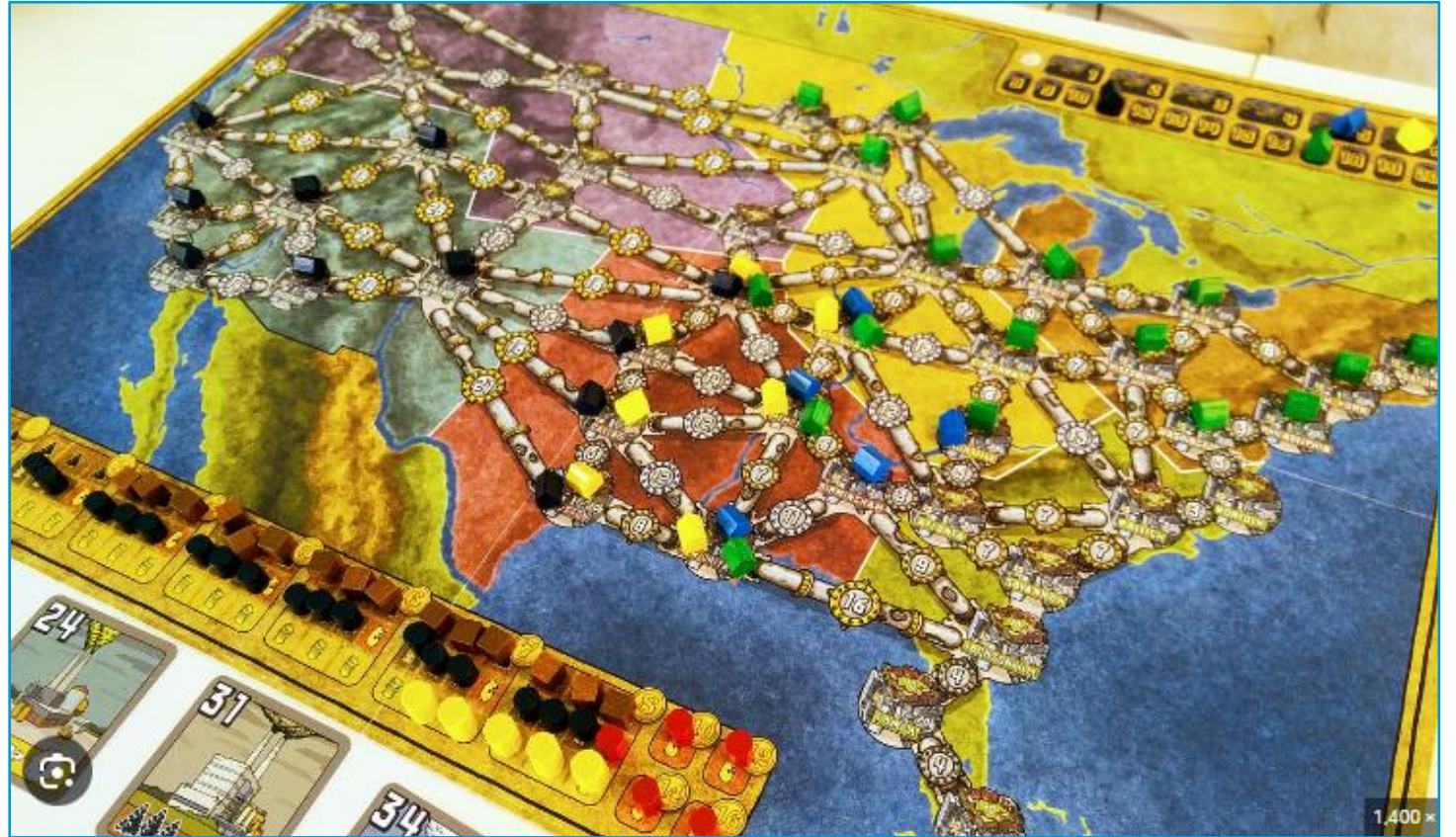
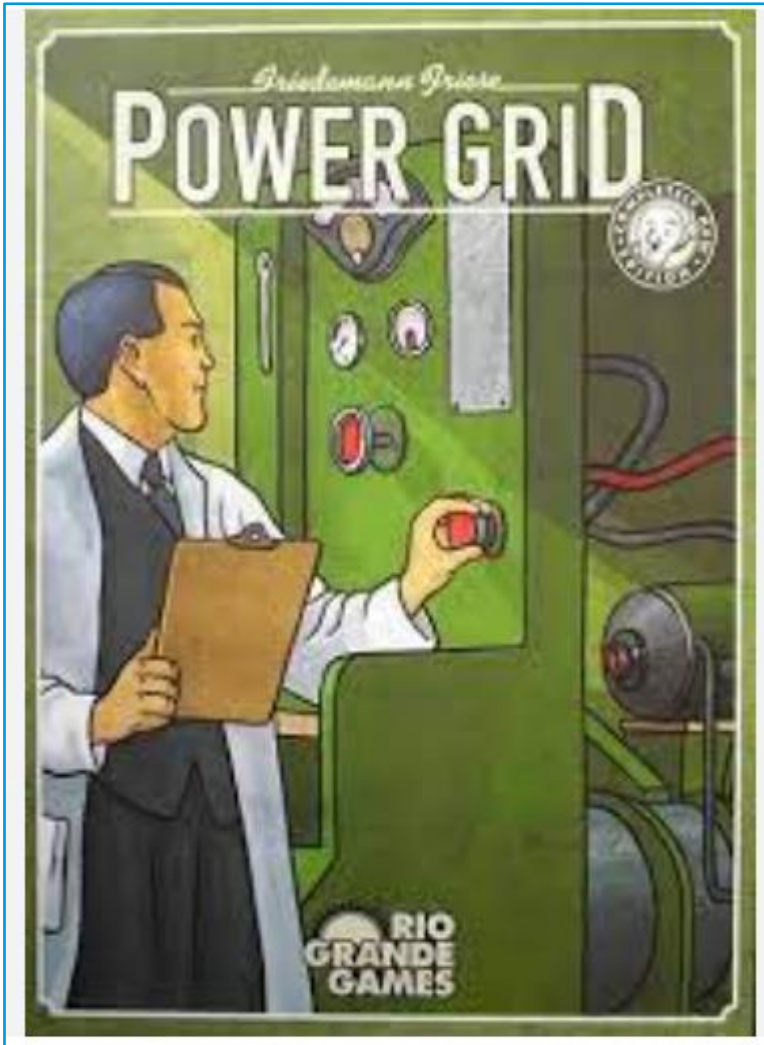
# Resilience Operations & Capital Delivery

**Mythili Chaganti**

Director High Voltage Delivery







National Academy of Engineering ranks Electric Grid as the greatest achievement of 20<sup>th</sup> century

**“Precision wired into a world of chaos”**

**“Built to tame the dark, the grid flickers  
at the whim of the storm”**

**“Our most logical machine lives on a  
borrowed time from an illogical sky”**



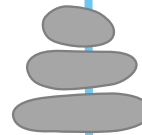
## Resiliency Focused Actions:

Earthquake resistant structures/towers  
Drought related soil movement stability for foundations – structures/towers, transformers



## Resiliency Focused Actions:

Elevating substation control buildings & structures in flood zones  
Water proofing substation transformers and switchgears  
Flood detection and shut-off systems



## Resiliency Focused Actions:

Physical and cyber attack protected substations, relaying equipment, & control buildings  
Compound disaster awareness and preparedness



## Resiliency Focused Actions:

Fire barriers for substation transformers and control buildings  
Lightning protection for substation/transmission line assets  
Heat and fire-resistant structures/towers

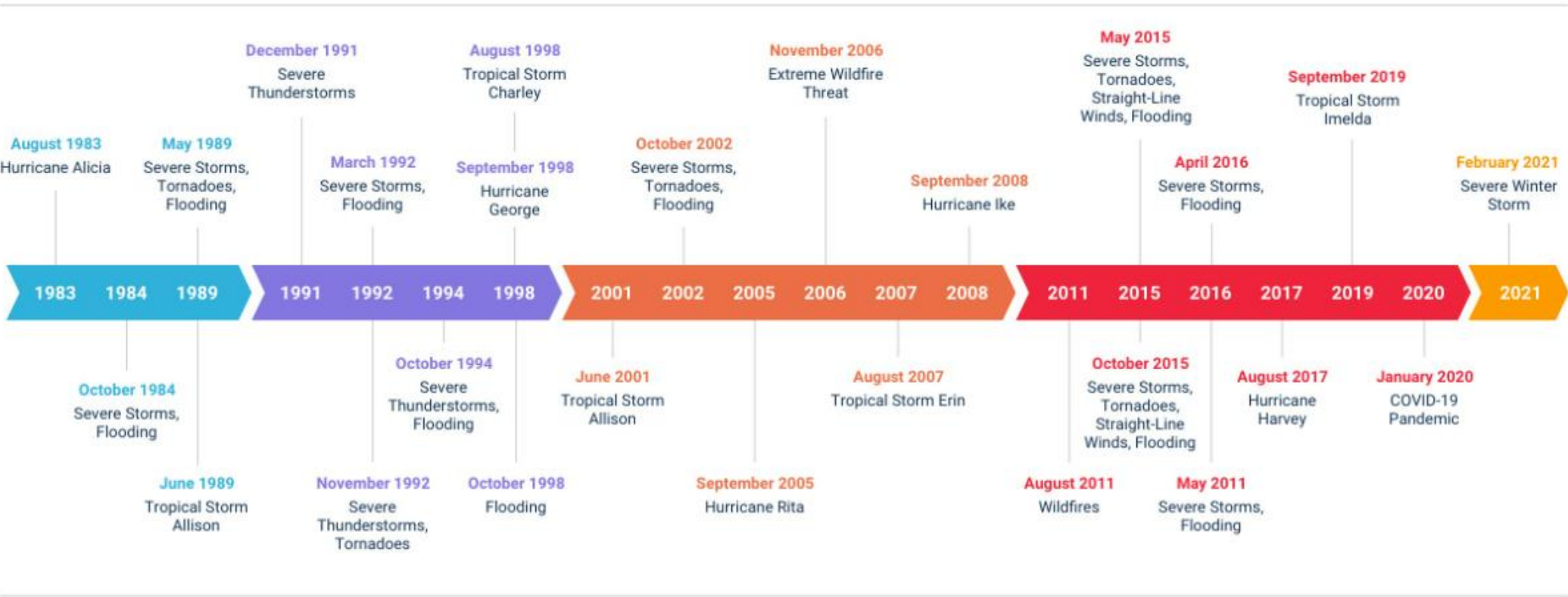


## Resiliency Focused Actions:

Wind-resistant structure/tower designs  
Undergrounding of lines in high-risk areas  
Weather stations, real-time wind sensors



History of Disasters in Greater Houston's Three-County Area (1980-2021)



Note: Data for FEMA disaster declarations only.

Source: Federal Emergency Management Agency (FEMA). Retrieved February 19, 2021



40 disasters in 44 years with 11 alone in the last 10 years including the most recent ones in 2024 (Derecho & Beryl)

# Case Studies

## Extreme Weather Events

Resilience Actions



# Webster Definition

“



re·sil·ience

/rəˈzɪliəns/

noun

noun: **resiliency**

1. the capacity to withstand or to recover quickly from difficulties; toughness.

"the remarkable resilience of so many institutions"

”



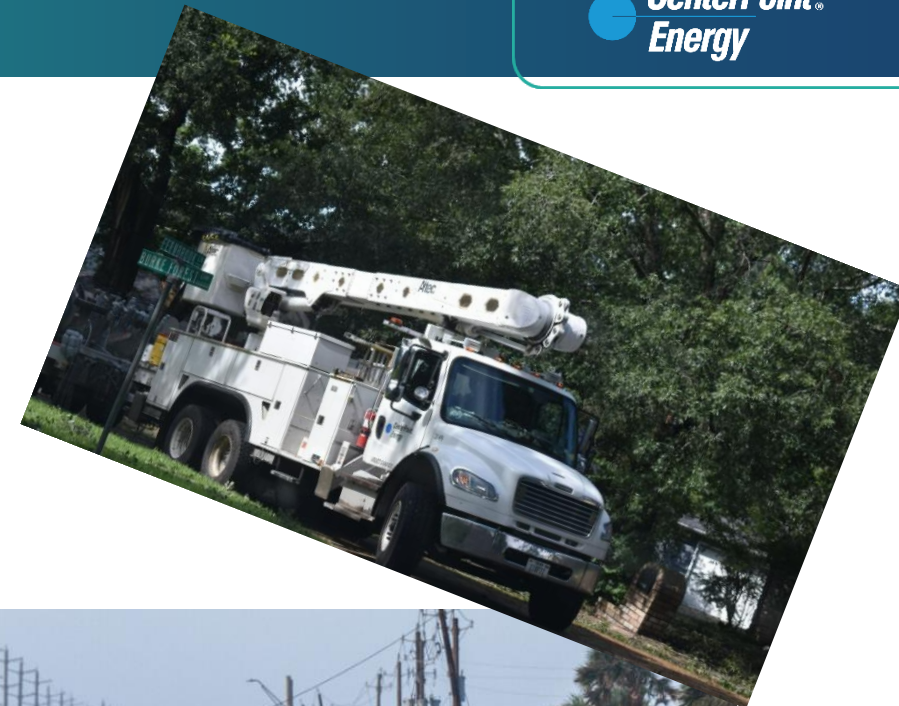
# Comparison of Houston Area Storms

Select Houston Area Storms					
Storm Characteristics	Beryl	Derecho	Nicholas	Harvey	Ike
Storm Landfall Date	July 8, 2024	May 16, 2024	Sept 14, 2021	Aug 25, 2017	Sept 12, 2008
Sustained Wind Speed Reported at HOU*	58 mph	43 mph	43 mph	30 mph	75 mph
Peak Gusts Reported at HOU*	84 mph	62 mph	55 mph	40 mph	92 mph
Sustained Wind Speed Reported at IAH**	62 mph	40 mph	33 mph	25 mph	56 mph
Peak Gusts Reported at IAH**	83 mph	62 mph	51 mph	36 mph	82 mph
Weather Event Type	Wind	Wind	Water	Water	Wind
Storm Category at Landfall	1	-	1	4	2
Restoration Duration	11 days	7 days	4 days	10 days	18 days
Resources Mobilized (approx.)	15,000	6,700	5,000	10,000	12,000
Peak Outage Count	2.1M	858,271	502,000	1.27M	2.1M
Deaths in Houston Area	42	8	0	89	112
Houston Area Damage Cost (estimated)	\$6.0B	\$1.3B	\$1.2B	\$160.0B	\$43.2B

Note: \*National Weather Service historical data recorded at William P. Hobby Airport

\*\*National Weather Service historical data recorded at Houston Intercontinental Airport

Source: Publicly available data from the PUCT and confidential CenterPoint Documents.

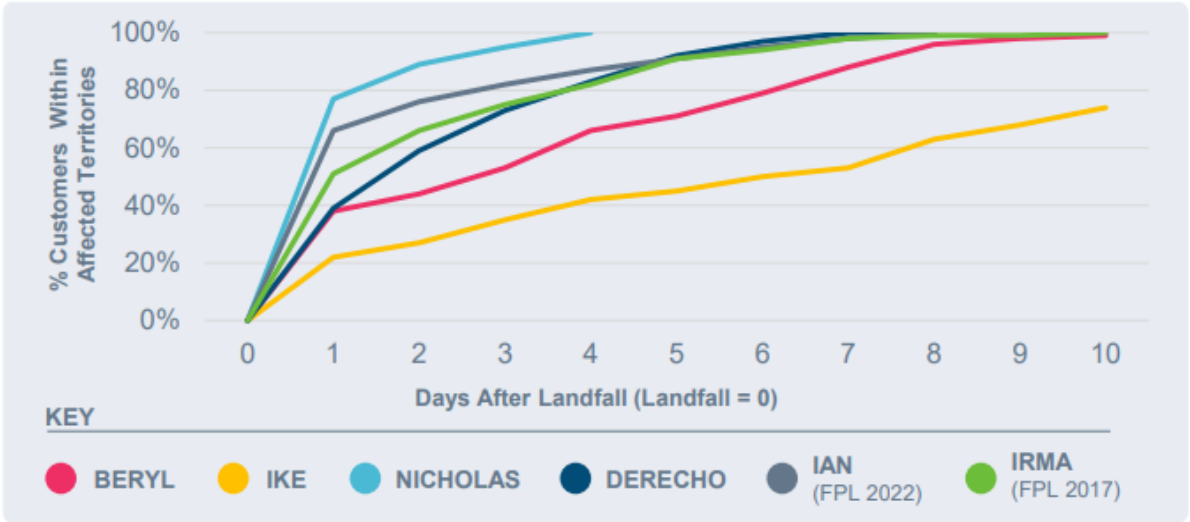


Resilience investments on-going since 2000s

# Comparison of Houston Area Storms

Comparable Houston Area Storms		
Impact	Beryl	Ike
Storm Landfall Date	July 8, 2024	Sept 12, 2008
Transmission Line Outages	8% (31/389)	31% (99/320)
Substation Outages	2% (6/313)	18% (49/267)
Customer Sub Outages	8% (15/194)	41% (56/137)
Customers Out at Peak	75.0% (2.1/2.8M)	90.5% (1.9/2.1M)
Transmission Structures Replaced <sup>14</sup>	16 (.06%)	60
Transmission Structures Needing Repair <sup>15</sup>	4 (.01%)	82
% Feeder Circuits Out	75%	88%
Distributions Poles Replaced	3,025	8,500

Source: Publicly available data from the PUCT and confidential CenterPoint Documents.



Distribution  
Resilience

Substation  
Resilience

Transmission  
Resilience

CenterPoint Energy invested \$539 million in resilience programs since 2020



# Key Initiatives



- New Design Criteria
- Advanced Grade Construction
- Distribution Automation
- Intelligent (smart) Grid Devices
- Strategic Undergrounding
- Inspection Programs
- Vegetation Management

## Distribution Grid Resiliency & Reliability Strategy

CenterPoint Energy Houston Electric, LLC (CEHE) is invested in strengthening and hardening the grid. This document summarizes the new distribution design philosophies and existing resiliency and reliability initiatives recommended by a joint effort by grid resiliency committee and standards committee.

**Extreme Wind & Ice Loading Criteria** – All new distribution structures and replacements will be designed to applicable extreme wind speeds. Similarly, extreme ice loading design will anticipate up to a ½" radial ice on distribution structural designs across the system.

**Hardening for Cold Weather** – A special tangent pole for ice framing will be used in specified areas to reduce the risk of damage from galloping conductors.

**Improved Backfill Material for Strength** – Crushed limestone will be used as the backfill material for all hydro excavated new pole installations.

**Non-Wood Engineered Structures for Equipment Poles** – All major equipment including IGSDs, large three-phase banks, switches, terminal poles, capacitor banks, regulator racks, junction poles, and double circuit poles will be installed on engineered poles, such as non-wood material like fiberglass, ductile iron, and/or concrete.

**Philosophy for Substation Getaways & Freeway Crossings** – The first distribution section originating from a substation shall utilize underground construction and if overhead construction must be used, it shall utilize engineered, non-wood structures. In addition, all freeway crossings will utilize underground construction when it is applicable. If overhead construction must be used, it will be on concrete structures.

## Resiliency & Reliability Strategy Contd.

### Existing Resiliency & Reliability Initiatives

**Aging Infrastructure Life Extension & Replacement** – Obsolete **step-down transformers** on distribution overhead main and laterals will be evaluated and replaced. **URD loops** will be prioritized and remedied in the field.

In addition, **aging cable** will be inspected and treated to extend the life of the cable.

The comprehensive ten-year cycle distribution **pole inspection and treatment programs** will continue. Additional bracing criteria will be developed and adopted to extend the life.

**Grid Modernization & Strategic Hardening** – Modern technology installations in the last decade like IGSD, AMS meters will be evaluated for expanded use of technology and enhanced functionality. The entire distribution system circuits will be strategically targeted and prioritized to be re-built in the next 20 years based on criteria like system wide benefit and community/city outreach.

# Key Initiatives

- New Wind Design Criteria
- Elevated Substations
- Transmission Line & Substation Inspection Programs
- Substation Fire Protection
- Conversion of 69kV Substations & Transmission Lines
- Secure Substations
- Transmission Line Circuit Hardening





# Greater Houston Resiliency Initiative (GHRI)

## Systemwide Resilience Plan (SRP)

**A Commitment to a Resilient Grid**

Journey to 2030



**We are determined to learn the lessons from Hurricane Beryl and build the most resilient coastal grid in the country.**

# Greater Houston Resiliency Initiative (GHRI)

COMPLETE

**PHASE ONE**  
**Immediate**  
**Actions**

July – August 2024

UNDERWAY

**PHASE TWO**  
**Near-Term**  
**Actions**

September 2024 –  
June 1, 2025

LONG-TERM  
RESILIENCY PLAN

**PHASE THREE**  
**Longer-Term**  
**Actions**

2026 – 2028



INVESTING APPROXIMATELY

**\$5 BILLION**

in our Greater Houston infrastructure  
between 2026 and 2028



## PHASE ONE Key Resiliency Actions

### TAKING ACTION NOW TO REDUCE OUTAGES



Trimming or removing  
higher-risk vegetation



Installing stronger and more  
storm-resilient poles



Installing automated devices,  
known as trip savers

Target	Complete
<b>2,000</b> POWER LINE MILES	✓ <b>2,026</b> POWER LINE MILES
<b>1,000</b> POLES	✓ <b>1,133</b> POLES
<b>300</b> DEVICES	✓ <b>307</b> DEVICES

\*Data as of 8/31/24

## PHASE TWO Goals (September 2024 – June 1, 2025)



### STRENGTHENING Resiliency

- ➔ **Rebuilding and hardening the grid** with system upgrades and targeted undergrounding
- ➔ **Refining risk-based vegetation management** with predictive analytics model
- ➔ **Installing advanced automation** to support a self-healing grid



### IMPROVING Communications

- ➔ **Improving outage tracker** with premise-level status, hazard reporting and Spanish translation
- ➔ **Launching year-round community engagement** on preparedness and safety
- ➔ **Improving direct customer communications**









### STRENGTHENING Partnerships

- ➔ **Conducting joint storm preparedness exercises** with emergency management offices
- ➔ **Implementing storm management tool** to increase mutual assistance efficiency
- ➔ **Donating backup generators** to community centers









## PHASE TWO Grid Improvement Actions

TARGET BY June 1, 2025	
 Installing poles that can withstand extreme winds	<b>25,000</b> poles
 Installing automated reliability devices to reduce outages	<b>4,500</b> devices
 Installing Intelligent Grid Switching Devices (IGSDs)	<b>350</b> IGSDs
 Trimming or removing higher-risk vegetation	<b>4,000</b> miles
 Undergrounding power lines	<b>400</b> miles
 Installing new weather monitoring stations	<b>100</b> stations

It is projected that we will invest **\$550M** in our infrastructure during Phase 2

# Phase Two – Ahead of Schedule Completion

Near-Term Actions to Improve Resiliency				CenterPoint. Energy	
		Completed	As of May 19, 2025	Jun. 1, 2025 Target	
	Install new poles or replace existing wooden poles with stronger ones, including composite, capable of withstanding extreme winds (Coastal: 132 mph standard; Inland: 110 mph standard)	✓	25,370 poles	25,000 poles	
	Install automated reliability devices to reduce sustained interruptions in major storm events and reduce restoration times	✓	4,505 devices	4,500 devices	
	Install Intelligent Grid Switching Devices (IGSDs)	✓	354 IGSDs	350 IGSDs	
	Trim or remove vegetation from distribution line miles with higher-risk vegetation across our system	✓	4,018 miles	4,000 miles	
	Undergrounding of power lines	✓	417 miles	400 miles	
	Install new weather monitoring stations	✓	100 stations	100 stations	

Calculated reduction of outages by over 125 million minutes annually

# Phase Two: Emergency Preparedness

We are taking action to prepare for the 2025 hurricane season and enhance how we respond to extreme weather events.

**100+** **Weather stations** installed to enhance situational awareness and storm preparation

**750+** **Employees** completed Federal Emergency Management Agency (FEMA) trainings

**14+** **Meetings and exercises** with local officials and emergency response partners to strengthen coordination and test our emergency response plans

**21** **Emergency backup generators** being donated and installed in strategic community locations



# Phase Three | Systemwide Resiliency Plan (SRP)

## 2026-2028

Building the stronger, more resilient, self-healing grid of the future.

➔ Proposing **\$5.75 billion** investment in targeted, cost-effective systemwide resiliency actions

➔ Key benefits:

- Reducing outages by **1.3B minutes** into 2029
- Strengthening resiliency by **30%**
- Expanding system capacity
- Saving **~\$50M** per year in storm costs
- Avoiding **500K+** outages in a Beryl-like storm

Plan strengthens resiliency against a wide range of extreme weather:



- ✓ Storms and hurricanes
- ✓ Wind events, like derechos
- ✓ Flooding
- ✓ Extreme temperatures
- ✓ Tornadoes
- ✓ Wildfires
- ✓ Winter Storms

# Resiliency Improvements by 2029

**Automation Devices** capable of self-healing on 100% of lines serving the most customers

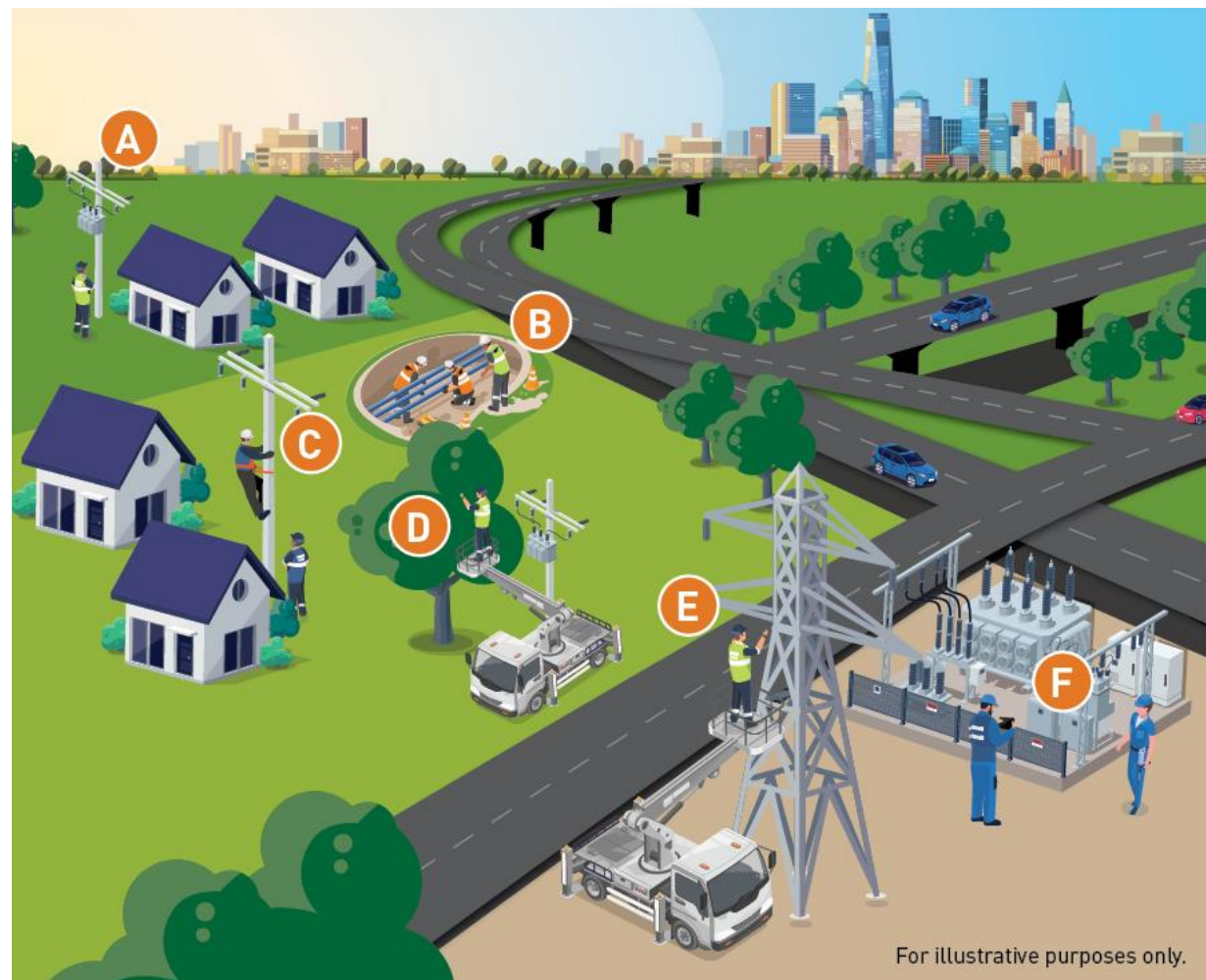
**Undergrounding** over 50% of the system and modernizing 34,500 underground spans

**130,000 Stronger Distribution Poles** to withstand stronger storms and winds

**Clearing Hazardous Vegetation** across 100% of power lines on an industry-leading, three-year cycle

**2,200+ Stronger Transmission Towers** upgraded to withstand extreme weather

**99% of Substations** raised above the 500-year flood plain





# Customer Support Programs



## 211 Texas/United Way Helpline:

Dial 2-1-1 for a free, confidential service, available 24/7 in multiple languages, that can help your family prepare for and during emergencies.



## State of Texas Emergency Assistance Registry Program:

Sign up to let local emergency responders know if you or a loved one require extra assistance in an emergency.



**Disability Rights Texas:** For those with a disability, you can get assistance preparing for and recovering from disasters and emergencies.



To learn more about important resources,

visit:

[CenterPointEnergy.com/ActionCenter](https://www.CenterPointEnergy.com/ActionCenter)

# How Customers Can Prepare

- ☐ Create a plan and prepare an emergency kit
- ☐ Charge your everyday devices
- ☐ Cover windows and secure doors and outdoor items
- ☐ Ensure generators are working properly
- ☐ Make a plan for your pets
- ☐ Sign up for PowerAlertService® for updates
- ☐ Keep gas service on at the meter to maintain proper pressure

If you smell gas, leave the area immediately.  
Call 1-888-876-5786 and we will send a trained technician.



# CRIP Update 2025

**Richard R. Beasley**

Lead Account Manager



# Added Enhancements

- Premise Details
  - County Name
  - Meter Read Cycle

CenterPoint Energy

Richard Beasley

Premise Search

Safety-Net

Dashboard

Historical Usage (LOA)

Report Download

Administration

Resources

[Back to Search Results](#) [Modify Search](#) [New Search](#)

ESI ID

STREET ADDRESS

COUNTY NAME

CUSTOMER NAME

CUSTOMER BEGIN DATE

1008901

AVENUE M

GALVESTON

04/15/2025

Print

PREMISE INFORMATION

ESI ID Start Date:

01/01/1971

Status:

ACTIVE

Rep. of Record:

Rate Class:

RESIDENTIAL SERVICE

Meter Read Cycle:

15

Premise Type:

Residential

Profile:

RESHIWR\_COAST\_IDR\_WS\_NOTOU

4CP / KVA:

Service Voltage:

120 / 240

Critical Care / Load:

NO

Permit Jurisdiction:

[GALVESTON](#)

Permit Requirements:

MOVE IN = N  
SERVICE ORDER = Y  
NEW METER = Y

Permit Available:

Permit Expiration Date:

Permit Type Code:

PREMISE

64

# Added Enhancements

- Premise Details
  - Meter Status - On Demand Read with Power Indicator

PREMISE INFORMATION

ESI ID Start Date: 04/14/2015

Status: ACTIVE

Rep. of Record:

Rate Class: SECONDARY SERV GREATER 10 KVA

Meter Read Cycle: 4

Premise Type: Small Non Residential

Profile: BUSLOLF\_COAST\_IDR\_WS\_NOT OU

4CP / KVA:

Service Voltage: 240

Critical Care / Load: NO

Permit Jurisdiction: [SURFSIDE BEACH](#)

Permit Requirements: MOVE IN = N  
SERVICE ORDER = N  
NEW METER = N

Permit Available:

Permit Expiration Date:

Permit Type Code: PREMISE

Meter Number:

MFG Code: I

Type: Small Commercial Non-IDR Installations

Install Date: 08/09/2022

Owner: NOT AVAILABLE

Current Meter Reading: 05/27/2025 08:00:00 AM

14,582

No Power to the Meter. Click [Here](#) to view the outage details.

Outage Information

Outage Id #: 55

Customers Out: 8

Start of Outage: 05/27/2025 03:53:15 PM

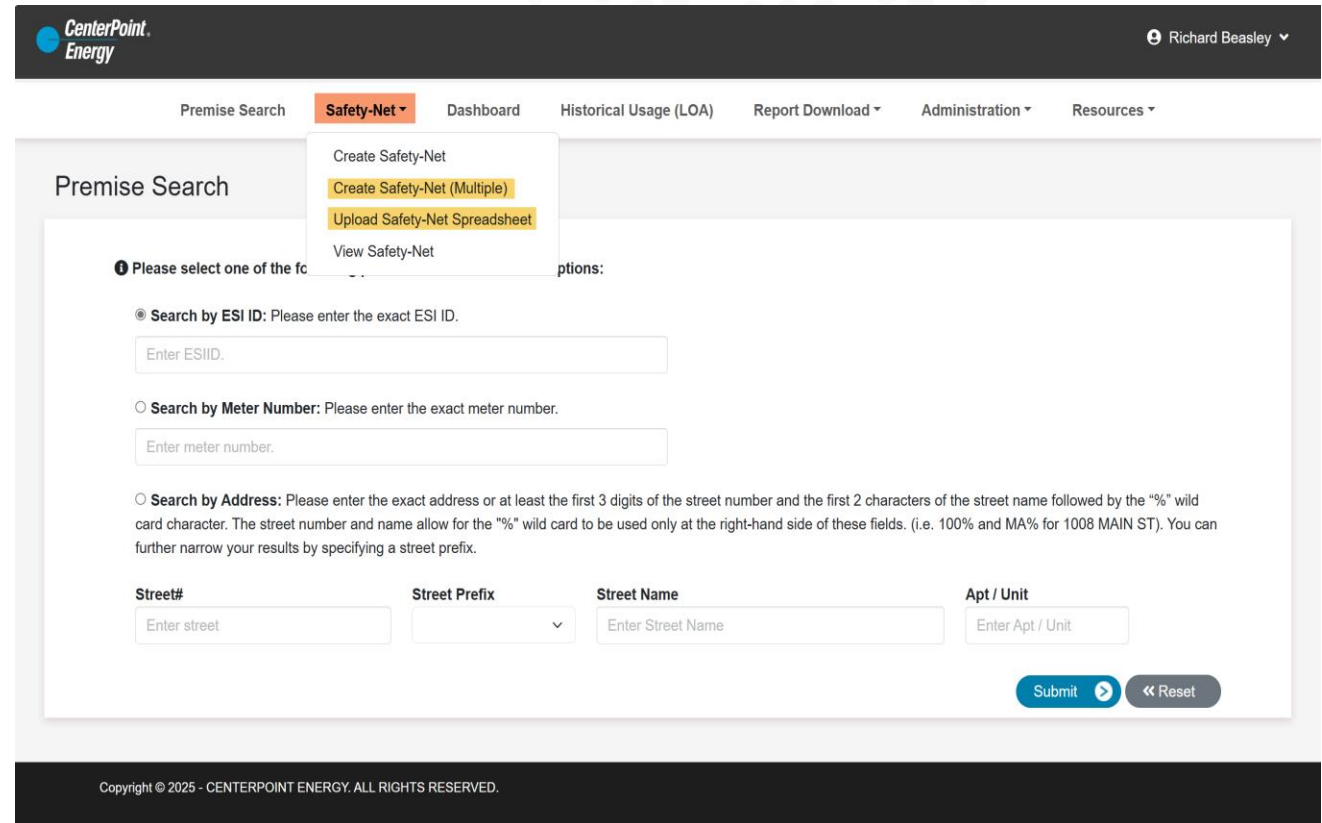
Est.Restoration: 05/27/2025 05:04:00 PM

OK



# Added Enhancements

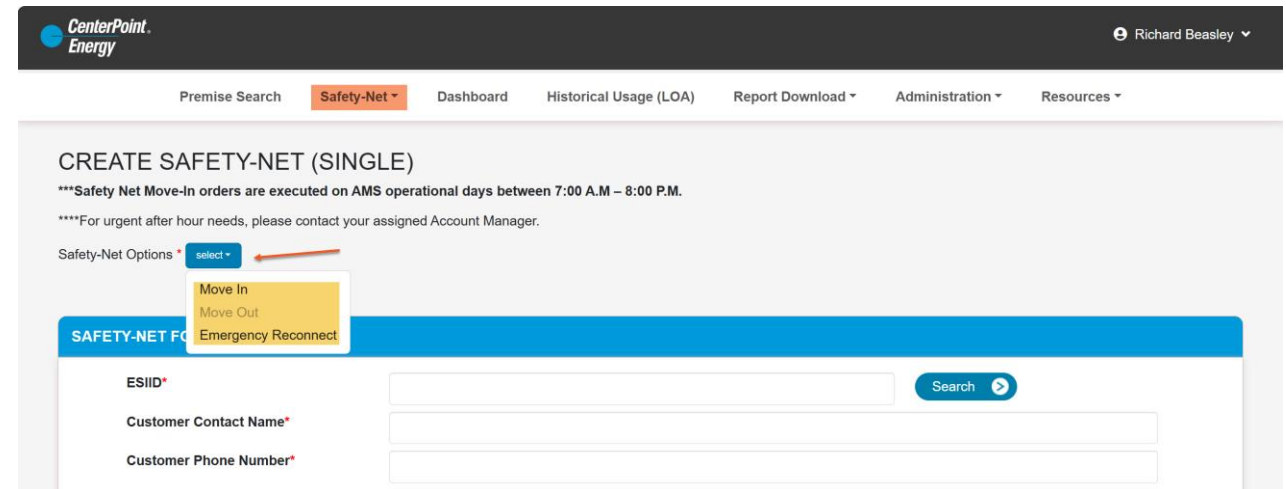
- Safety-Net
  - Create Safety-Net (Multiple)
  - Upload Safety-Net Spreadsheet



The screenshot displays the CenterPoint Energy web application interface. At the top, the navigation bar includes the CenterPoint Energy logo, a user profile for Richard Beasley, and a menu with options: Premise Search, Safety-Net (highlighted), Dashboard, Historical Usage (LOA), Report Download, Administration, and Resources. A dropdown menu for 'Safety-Net' is open, showing four options: 'Create Safety-Net', 'Create Safety-Net (Multiple)' (highlighted), 'Upload Safety-Net Spreadsheet' (highlighted), and 'View Safety-Net'. Below the navigation bar, the 'Premise Search' section is visible. It contains a message: 'Please select one of the following options:'. There are three radio button options: 'Search by ESI ID: Please enter the exact ESI ID.' (selected), 'Search by Meter Number: Please enter the exact meter number.', and 'Search by Address: Please enter the exact address or at least the first 3 digits of the street number and the first 2 characters of the street name followed by the "%" wild card character. The street number and name allow for the "%" wild card to be used only at the right-hand side of these fields. (i.e. 100% and MA% for 1008 MAIN ST). You can further narrow your results by specifying a street prefix.' Below these options are four input fields: 'Street#' (with placeholder 'Enter street'), 'Street Prefix' (a dropdown menu), 'Street Name' (with placeholder 'Enter Street Name'), and 'Apt / Unit' (with placeholder 'Enter Apt / Unit'). At the bottom right of the form are 'Submit' and 'Reset' buttons. The footer of the page states: 'Copyright © 2025 - CENTERPOINT ENERGY. ALL RIGHTS RESERVED.'

# Added Enhancements

- Safety-Net
- Emergency Reconnect
- Create Safety-Net (Multiple)
- Upload Safety-Net Spreadsheet



CenterPoint Energy

Richard Beasley

Premise Search Safety-Net Dashboard Historical Usage (LOA) Report Download Administration Resources

### CREATE SAFETY-NET (SINGLE)

\*\*\*Safety Net Move-In orders are executed on AMS operational days between 7:00 A.M – 8:00 P.M.  
\*\*\*\*For urgent after hour needs, please contact your assigned Account Manager.

Safety-Net Options select

- Move In
- Move Out
- Emergency Reconnect

SAFETY-NET FORM

ESIID\*  Search

Customer Contact Name\*

Customer Phone Number\*

# Added Enhancements



Premise Search

Safety-Net ▾

Dashboard

Historical Usage (LOA)

Report Downlo

## Company Name & Total ESI ID

Duns Number:

Organization Name:

Acronym:

ESI ID Total:

43411

[View Ad Hoc Report](#)



## Total Servi

Residential: 43090

Non Residential: 286

Unmetered: 35

## Key Takeaways:

- [Dashboard](#)

**Ad Hoc Report Additions**  
Billing Cycles, Load Profiles,  
Critical Care Expiration  
Dates, County Name, PAS  
Enrollment

# Added Enhancements

Key Takeaways:

- Historical Usage (LOA)

Date Range Option  
with Summary  
Screen View Option

CenterPoint Energy

Richard Beasley

Premise Search

Safety-Net

Dashboard

Historical Usage (LOA)

Report Download

Administration

Resources

Historical Usage Request / LOA

Authorization for the request of Historical Usage Information:1/27/2025

REQUESTER INFORMATION

Company Name: NRG

Requester Name

Richard Beasley

Email

rrbeasley1@gmail.com

Requester Title

Account Managment Lead

Phone Number

7135024718

Requester Street Address

City

State

Zip Code

CUSTOMER INFORMATION

Customer Name

Date Of Customer Authorization

Expiration Date

Or Unlimited

Data Type

Note: Interval Data may only be requested for IDR accounts

Number of Months

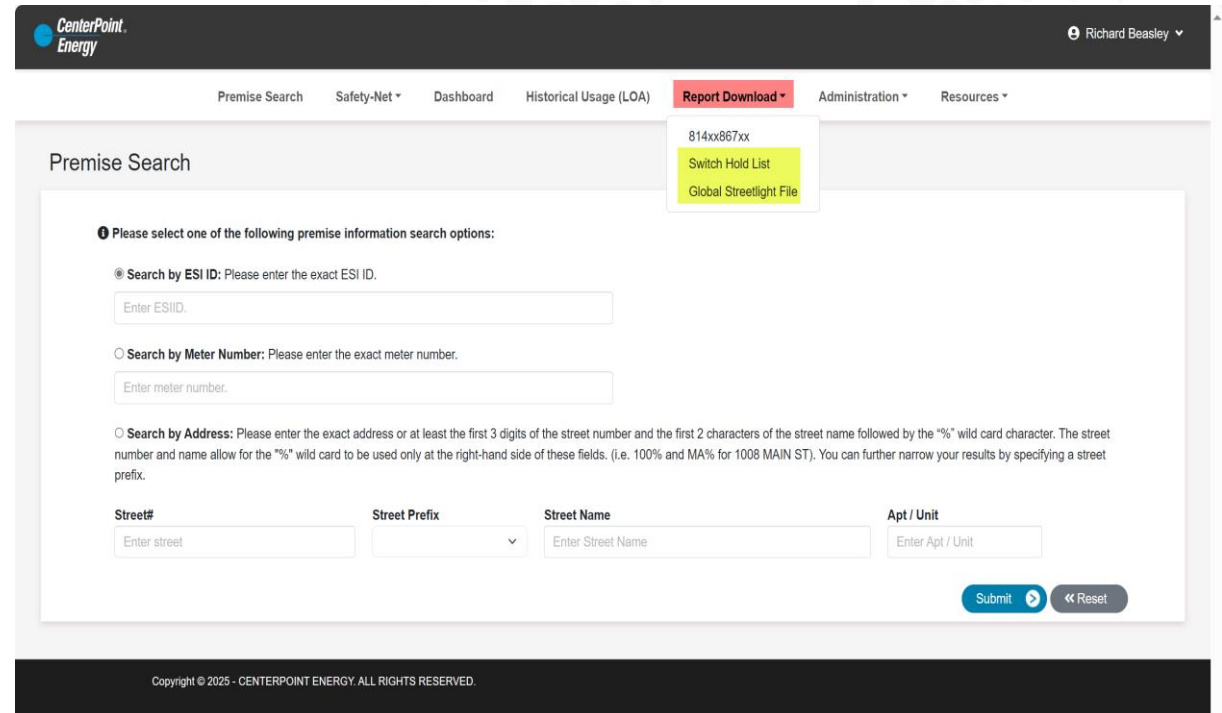
From

To

Clear

# Added Enhancements

- Report Download
- Switch Hold List
- Global Streetlight File



The screenshot displays the CenterPoint Energy web application interface. At the top, the navigation bar includes the CenterPoint Energy logo, a user profile for Richard Beasley, and a menu with options: Premise Search, Safety-Net, Dashboard, Historical Usage (LOA), Report Download (highlighted in red), Administration, and Resources. A dropdown menu is open from the Report Download button, showing three options: 814xx867xx, Switch Hold List, and Global Streetlight File. The main content area is titled 'Premise Search' and contains a form with the following sections:


- Search Options:** A message states 'Please select one of the following premise information search options:'.
- Search by ESI ID:** A radio button is selected. The instruction is 'Please enter the exact ESI ID.' Below it is a text input field labeled 'Enter ESIID.'.
- Search by Meter Number:** An unselected radio button. The instruction is 'Please enter the exact meter number.' Below it is a text input field labeled 'Enter meter number.'.
- Search by Address:** An unselected radio button. The instruction is 'Please enter the exact address or at least the first 3 digits of the street number and the first 2 characters of the street name followed by the "%" wild card character. The street number and name allow for the "%" wild card to be used only at the right-hand side of these fields. (i.e. 100% and MA% for 1008 MAIN ST). You can further narrow your results by specifying a street prefix.'
- Form Fields:** Below the instructions are four input fields: 'Street#' (text input, placeholder 'Enter street'), 'Street Prefix' (dropdown menu), 'Street Name' (text input, placeholder 'Enter Street Name'), and 'Apt / Unit' (text input, placeholder 'Enter Apt / Unit').
- Buttons:** At the bottom right of the form are two buttons: 'Submit' (blue) and 'Reset' (grey).

The footer of the application states: 'Copyright © 2025 - CENTERPOINT ENERGY. ALL RIGHTS RESERVED.'



# Added Enhancements

- Key Takeaways:
- Administration  
Single Sign-On (SSO)  
Pending User Requests

 Richard Beasley

Premise Search Safety-Net Dashboard Historical Usage (LOA) Report Download Administration Resources

Use this page to approve or reject new user profiles. Please expand this section for more details.

Name	Email Address	Created	Last Login	Approve	Reject
		1/24/2025	1/24/2025	✓	✗
		1/10/2025	1/9/2025	✓	✗

Pending User Requests

View Users

View Organization Details

Manage Organization

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# Added Enhancements

- Resources

CenterPoint Energy

Richard Beasley

Premise Search

Safety-Net

Dashboard

Historical Usage (LOA)

Report Download

Administration

Resources

Premise Search

Please select one of the following premise information search options:

Search by ESI ID: Please enter the exact ESI ID.

Enter ESIID.

Search by Meter Number: Please enter the exact meter number.

Enter meter number.

Search by Address: Please enter the exact address or at least the first 3 digits of the street number and the first 2 characters number and name allow for the "%" wild card to be used only at the right-hand side of these fields. (i.e. 100% and MA% for 1008 prefix.

Street#

Enter street

Street Prefix

Street Name

Enter Street Name

Apt / Unit

Enter Apt / Unit

Submit

Reset

Competitive Retailers (Main Landing Page)

Critical Load Eligibility Form

Electric Transmission and Distribution

Electric Service Standards

ESI ID Request Form

Houston Electric Residential Rates

Metering

Online Agreement

Process Overview: Weather Moratoriums

Retail Market Guide

Tariff for Retail Delivery Services

TxSET Guides

User Guides

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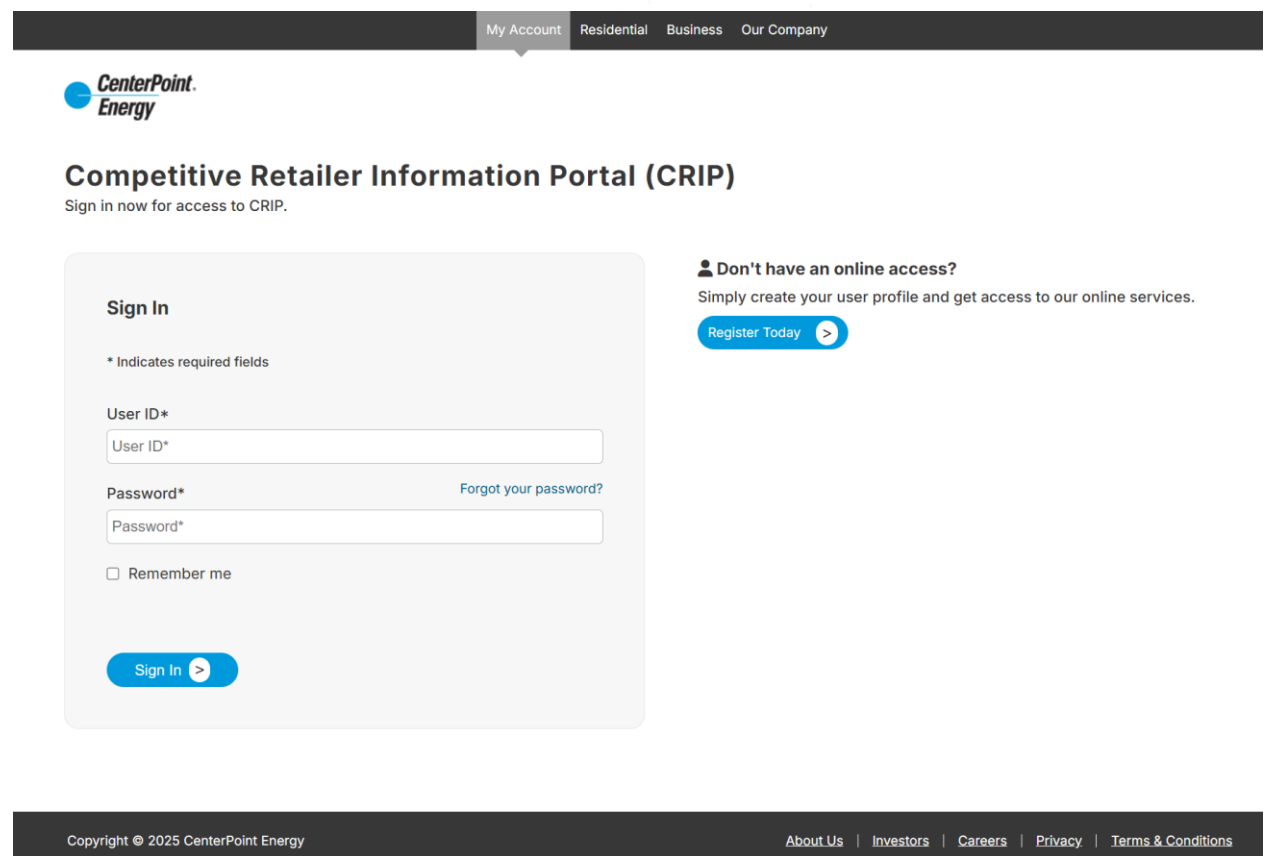
## Developing Enhancements

- Ability to submit Emergency Reconnect and MVO Safety-Net Upload Spreadsheet
- View 90-Day Enrollment and Service Order History
- Premise Search – Radio Button Smart Search Capability
- Adding more resource links in the Resource link
- Adding the SAC04 Codes to the 810 Breakdown of Charges View
- Adding the Billing Period to the 810 Breakdown of Charges View



# CRIP Training Opportunities

- On-site visit
- Teams meeting
- One on One or Team development sessions
- Contact your assigned account manager to schedule



The screenshot shows the CRIP login page. At the top, there is a navigation bar with links: My Account, Residential, Business, and Our Company. Below this is the CenterPoint Energy logo. The main heading is "Competitive Retailer Information Portal (CRIP)" with a subtext "Sign in now for access to CRIP." On the left, there is a "Sign In" form with fields for "User ID\*" and "Password\*", a "Remember me" checkbox, and a "Sign In" button. To the right of the form, there is a link "Forgot your password?". Further right, there is a section titled "Don't have an online access?" with the text "Simply create your user profile and get access to our online services." and a "Register Today" button with a right arrow.

My Account Residential Business Our Company

**CenterPoint Energy**

### Competitive Retailer Information Portal (CRIP)

Sign in now for access to CRIP.

**Sign In**

\* Indicates required fields

User ID\*

Password\*

Forgot your password?

☐ Remember me

Sign In

**Don't have an online access?**  
Simply create your user profile and get access to our online services.

Register Today

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# CenterPoint Energy Enhanced Outage Communication Strategy

**Stephenie Howard**

Vice President, Customer Strategy & Platform Development

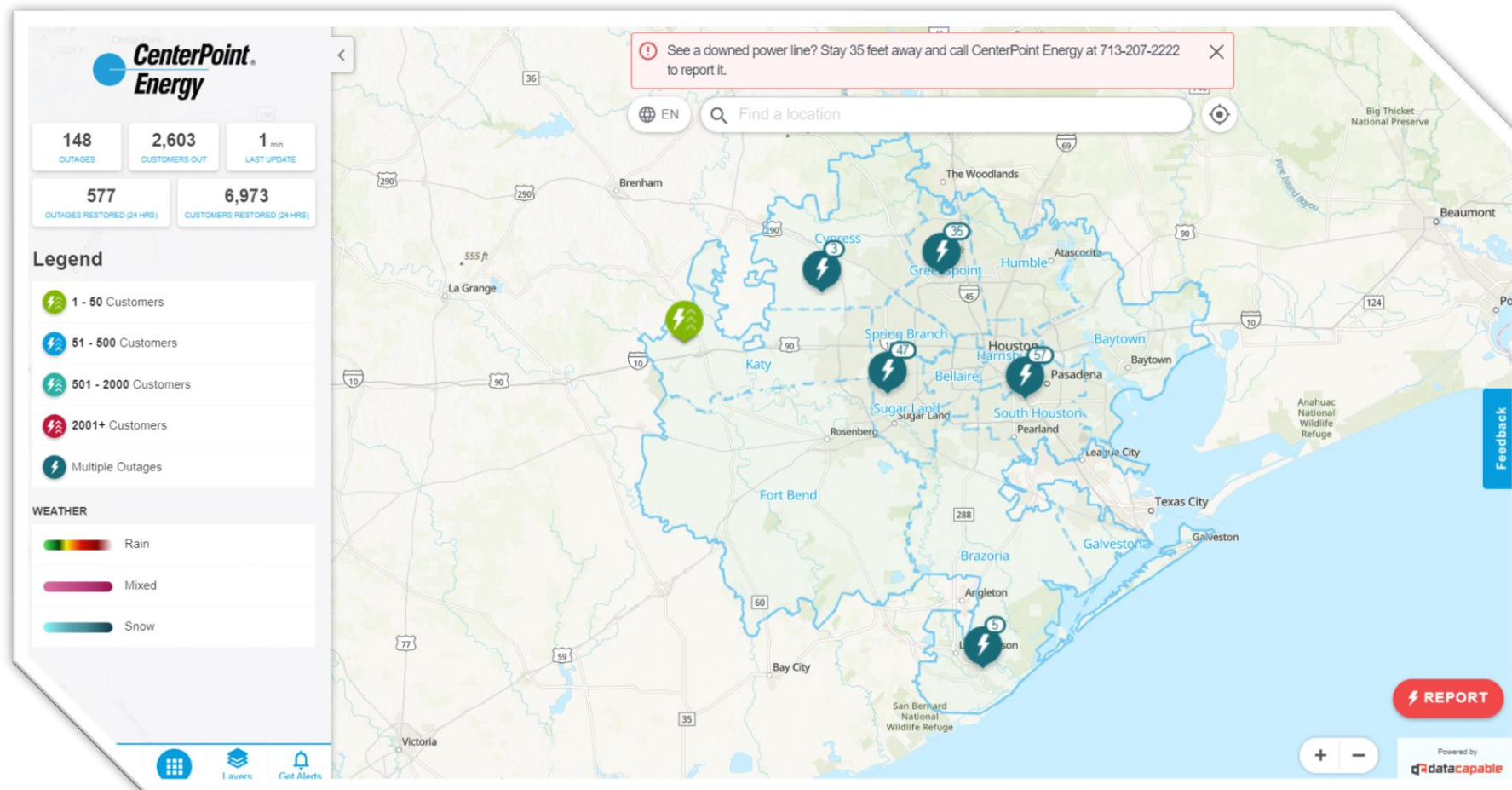
**Roderick Batteaux**

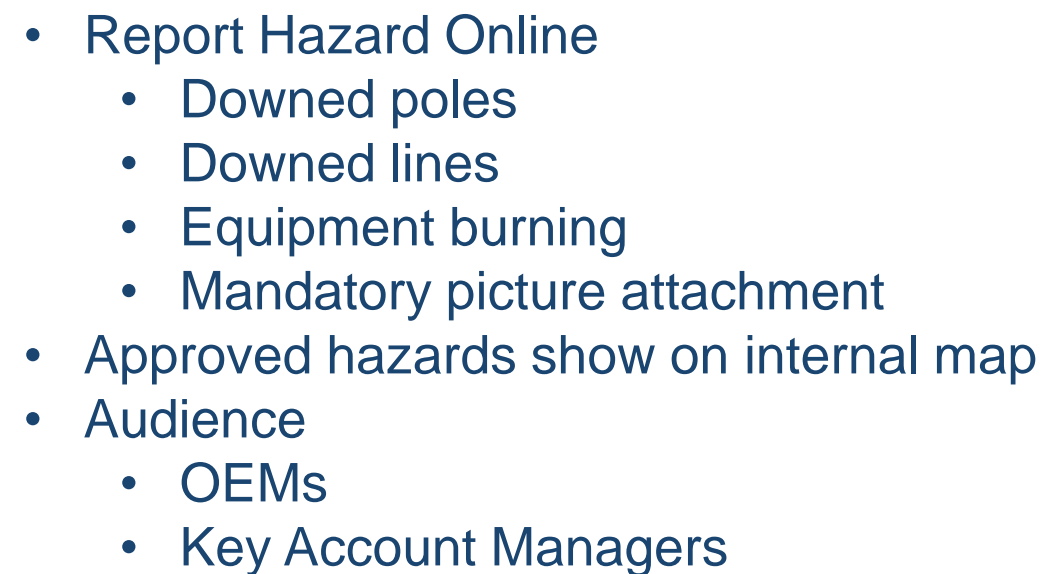
Manager, Customer Service Product





# Outage Tracker





# Power Alert Service

## With PAS, customers can:

- Receive relevant phone calls, text and/or email updates about electric outages.
- Know the status of a power outage whether they are home or away.
- Add additional contact information to help keep friends and family informed.

## Electric customers in CenterPoint Energy's Houston electric footprint can sign up for PAS by:

1. Logging into their online account, My Account, or register for an account by visiting, [CenterPointEnergy.com/MyAccount](http://CenterPointEnergy.com/MyAccount).
2. Follow the on-screen prompts to link an electric account using the 8-digit electric meter number.
3. Select "Sign up for Power Alert Service" to enroll in phone call, text and/or email alerts. Cellphone users will not receive outage alerts via text until the user replies to the initial "Confirmation required" text message as instructed. Each added mobile contact will need to do the same to complete the enrollment process.
4. Verify or update contact information.

### Outage Message

We are aware of a power issue at or near 123 Main St. that is currently affecting approximately 1,234 customers. We estimate that we will complete our repairs by 5:00 p.m. Please note the actual time required may vary based on the nature of repairs needed, crew availability, or during severe weather events. We apologize for the inconvenience and appreciate your patience as our crews work to complete the repairs as quickly and safely as possible.

### Crews Onsite Message

Repair crews are assessing the power issue at or near 123 Main St. We will update you with additional information about the status of these repairs as it becomes available.

### Power Restored Message

Outage repairs at or near 123 Main St. have been completed. Our crews determined that the problem was caused by system reliability work. If you are still without service, please check your circuit breakers. If that doesn't resolve the problem, please visit [CenterPointEnergy.com/PowerOut](http://CenterPointEnergy.com/PowerOut) to report the outage and we will work to get your power restored. We appreciate your patience and apologize for any inconvenience.

# Power Alert Service

## Notification Types (One-to-One)

- Outage (*at or near* Address/Impacted Count/ETR)
- Join the Conversation
- Crew Assessing
- ETR Updates/Expirations
- Restoration (Cause)
- Pre-Outage\*\*

## Blast Communications (One-to-Many)

- Customer Segmentation
  - All PAS registered
  - Active outages
  - By Service Center
  - By Equipment ID (Circuit/Fuse)
  - Custom List

### Power Alert Service Features

	Phone	Email	Text
Automatic Un-Planned Outage Notifications with Estimated On-Time	✓	✓	✓
Automatic Planned Outage Notifications with Estimated On-Time	✓	✓	✓
Crew Assessment Notifications	✓	✓	✓
Estimated On-Time Update Notifications	✓	✓	✓
Estimated On-Time Expiration Notifications	✓	✓	✓
Pre-Event / Storm Blast Messages	✓	✓	✓
Blast Messages to all active outages	✓	✓	✓
Blast Messages to all customers	✓	✓	✓
Service Center Specific Blast Messages	✓	✓	✓



# Power Alert Service

## Enrollment Channels (5 max per channel)

- Text
- Email
- Phone

## Ways to Enroll\*\*

- Online via website/MAO
- IVR
- Contact Center Agent
- Auto Enrollment
  - Email
  - Phone (landline)





# Power Alert Service

## Power Alert Service (PAS) Two-Way Restoration Confirmation Feature

- The PAS team has rolled out a pilot for allowing customers the ability to respond via text to confirm restoration based on an unsuccessful meter ping upon outage case closure. When a customer confirms they are still without power, a new outage case is created in the system.

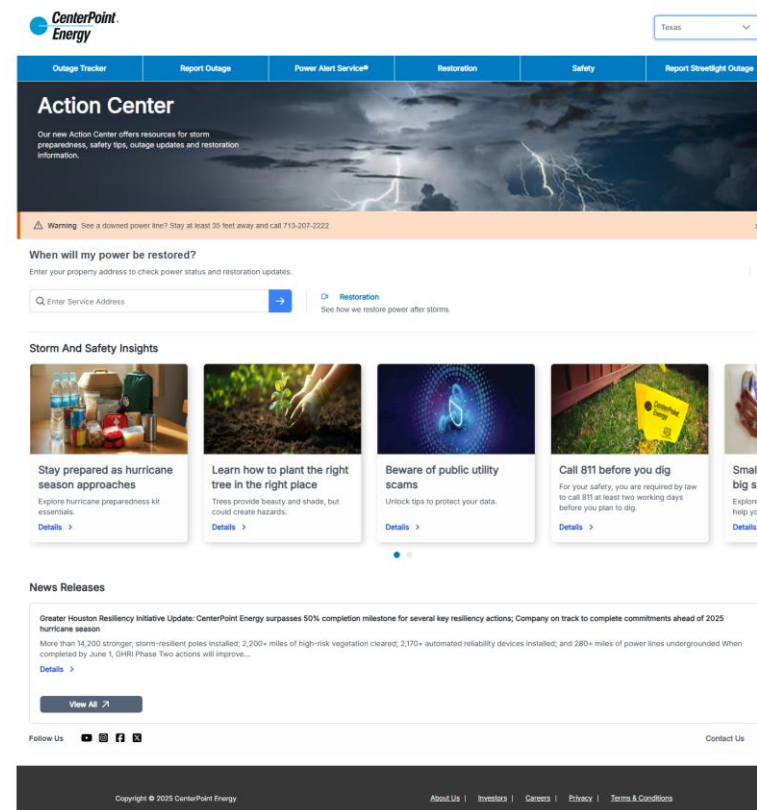
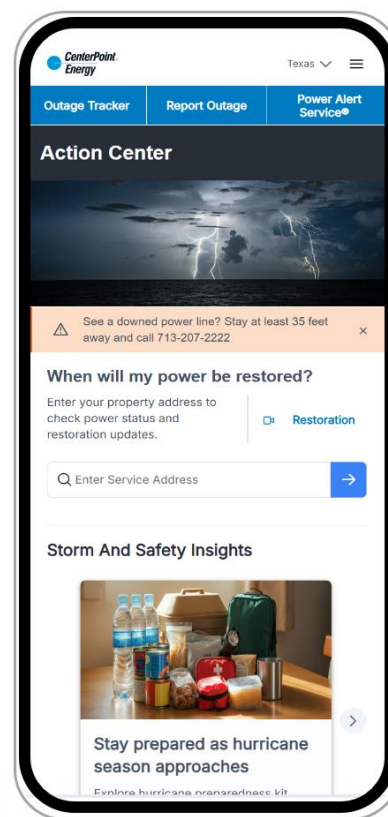
# Action Center

**1. Centralized Hub:** Consolidate various web content areas into a single hub for storm-related traffic.

**2. Mobile-First Design:** Ensure optimal performance and user experience on mobile devices.

**3. Dedicated Platform:** Create a separate site from [www.centerpointenergy.com](http://www.centerpointenergy.com) to prevent storm/event traffic from impacting the main site and other service areas.

**4. Immediate Content Updates:** Develop the site to allow new content to post with minimal delay.



# Market Notices

**NOTICE DATE:** April 21, 2025

**NOTICE TYPE:** Informational

**SHORT DESCRIPTION:** Storm Restoration Status

**INTENDED AUDIENCE:** Retail Electric Providers

**LONG DESCRIPTION:** ..... please reference the table below.

**ADDITIONAL INFORMATION:**

Please inform your customers .....

**Yellow** = Updated since last notice

**White** = No new updates



Market Call	
Date and Time	
TEAMS	
Restoration Status	
Approx. # of customers currently without power	
Approx. Peak # of customers without power	
Projected date that the majority of customers will be restored	
Mutual assistance personnel engaged	
Most recent press release	
Customer Communications	
Outage map status	

Estimated time of restoration available?	
Power Alert Status	
Contact Center - Service Request Line Status	
Contact Center - New Construction Line Status	
Contact Center - CR Hotline Status	
Outage Reporting Tools	
(Please share with your customers)	
Outage Tracker	
Power Alert Service	
Action Center App	
Metering Status	
(During a customer's power outage, interval and daily data may be estimated until power is restored, and the gap retrieval process replaces the estimated data with actual data, if available.)	
LSE data delivery status to ERCOT and Smart Meter Texas	
867_03 and 810_02 EDI delivery	
Gap retrieval status	
(Gap retrieval is the automated process that attempts to reconcile missing intervals by obtaining actual intervals from the meter once power	

# Proposed Solution

## Preferred linked option:

- **CenterPoint Energy Electric**
- **Phone** (713-207-2222 or 800-332-7143)
- **Action Center** (Link to <https://actioncenter.centerpointenergy.com>)



# 2025 CenterPoint Energy Competitive Retailer Workshop: ERCOT Retail Market Updates

**Kathy Scott**  
Lead Specialist Regulatory Affairs  
June 6, 2025





## Retail Market Subcommittee (RMS)

- The Retail Market Subcommittee (RMS) **serves as a forum for issue resolution relating to retail market matters that directly affect Market Participants, ERCOT Market Rules, Protocols and ERCOT.**
- The RMS is also **responsible for monitoring Public Utility Commission (PUCT) rulings as they apply to Retail Markets and Retail Market Participants** and ensuring that PUCT requirements are reflected in the Retail Market Guides, ERCOT Protocols and Texas Standard Electronic Transactions (Texas SET).
- Send an email to this group: [rms@lists.ercot.com](mailto:rms@lists.ercot.com) or [Subscribe](#) to this email list.

## Reporting, Recommendations and Voting:



# TX SET v5.0 Production Implementation 11.11.24

- **Added two new codes:**
  - **“IA” (Inadvertent Gain) and “CR” (Customer Rescission) were added to:**
    - CRs’ 814\_16 Move-In Request and CRs’ 814\_05 Move-In Enrollment Response transactions,
    - ERCOT’s 814\_03 Enrollment Response transaction, and
    - TDSPs’ 814\_04 Enrollment Response transaction.
- **Added three new TDSP “reject codes”:**
  - CR’s MVI Requested Date is greater than “150” Days in the past.
  - Leapfrog “LFG” or Move-Out “MVO” transaction scheduled or completed
- **Critical: A backdated “Inadvertent Gain” or “Customer Rescission” 814\_16 Move-In (MVI) must include either the “IA” or “CR” code to be accepted by the TDSP(s). If not, TDSP(s) will reject your Move-In.**

# TX SET v5.0 Production Implementation 11.11.24

- *Added “**County**” name to the TX SET transaction(s) requiring TDSPs to provide this beneficial information as part of all ESI ID’s Service Address.*
- **Market Consensus Source of Data:**
  - [NOAA-Texas-County-Names---TX-SET-v5-0-FR-4-1-Updated-03-01-23](#)
- With the addition of “**County**” name, CNP will communicate Weather Moratorium(s) by assigned “**County**” instead of applying the moratorium to apply to our entire “Service Territory”.
- **Example**, if the National Weather Service (NWS) activates an Extreme Weather Emergency for “**Harris**” **county only**, CNP will reject or unexecute 650\_01 Disconnect for Non-Payments (DNPs) for “**Harris**” **county ESI ID(s)** while continuing to accept and execute DNPs for ESI ID(s) in our remaining 11 counties, if applicable.
  - [RMGRR183, Competitive Retailer Information Portal \(CRIP\) and Weather Moratorium Updates](#), currently going through ERCOT’s governance process, includes this process change.

# TX SET v5.0 Production Implementation 11.11.24

- **Added 44 new Metered Service Type (MSL) List** that are an “**optional**”, meaning that the **TDSPs may provide these “MSL”** code(s) to the REP of Record in the 814\_04 Enrollment Response and/or the 814\_20 ESI ID Maintenance transactions, some code examples:
  - **M01** – House
  - **M02** – Apartment
  - **M11** – Government Emergency Housing (FEMA) (Harvey Lessons Learned)
  - **M25** – Water Well
  - **M36** – Church Facilities
- CNP’s business decision, make the “**Metered Service Type**” (MSL) “**required**” instead of “**optional**” by providing these Premise specific descriptions for all metered ESI IDs:
  - **NOTE:** CNP’s exception is IDR or BUSIDRRQ Load Profiles where more than one meter exist for the same ESI ID.
    - **814\_20 ESI ID Maintenance transaction, we will include only (1) “MSL”** segment identifying the primary type of service being metered.
    - **814\_04 Enrollment Notification Response transaction, we will not include the “MSL” segment.** This would apply only in the event that an ESI ID has more than one assigned meter.



# TX SET v5.0 Production Implementation 11.11.24

## Additional Functionality Implemented by the Retail Market:

- Added Continuous Service Agreement “**(CSA) Start and End Dates**” to minimize incorrect CSA CR assignments as a result reducing incorrect CSA CR’s financial liability
- Created *new* “**CHP**” status code for “**TDSP Construction Hold**”
- Replaced generic catch-all reject code “**A13 Other**” with “**(28) Specific Reject Reason**” code
- **MarkeTrak Enhancements** included new Subtypes, Stronger Validations and added “Complete Unexecutable” Drop-down reasons predominately used by the market.

## ERCOT and Retail Market Training Taskforce (RMTTF) Upcoming Schedules:

- ERCOT Retail 101 Training (**WebEx Only**): Wednesday, June 18, 2025
  - Registration is Required by ERCOT: [Retail 101](#)
- TX SET Instructor Led Training (**In-Person Only**): Wednesday, June 25, 2025
  - Location: 1925 W. John Carpenter Fwy. Irving 75063 (Vistra’s Office)
  - Class: 8:30 AM - 5:00 PM
  - Registration is Required by ERCOT: [Texas SET Standard Electronic Transactions](#)

## Project 56736 PUCT Staff's update to RMS (04.01.25):

- **Scope of revisions to TAC §25.88 Staff is evaluating**
- Implement HB 1500 §24 (88<sup>th</sup> Legislature),
  - [Texas Utilities Code Section 39.168 – Retail Sales Report](#)
- **“Retail Sales Report”**
  - Provide a definition for ‘affiliates’ of a REP
  - Expand “competitive market indicators”
    - Affiliate relationships
    - Customer turnover
    - Product offerings
  - Modernize and streamline filing requirements
    - No more physical filings
    - Combine similar filings at one place/

## PUCT Staff Contacts for Project 56736:

- [Lucy.Considine@puc.Texas.gov](mailto:Lucy.Considine@puc.Texas.gov)
- [Zachary.Dollar@puc.Texas.gov](mailto:Zachary.Dollar@puc.Texas.gov)
- [Iliana.DeLaFuentes@puc.Texas.gov](mailto:Iliana.DeLaFuentes@puc.Texas.gov)

PUC.TEXAS.GOV



## Therefore, the Retail Market Needs:

- Your **Participation**
- Your **Knowledge**
- Your **Work-Related Experiences**
- Your **Problem-Solving Abilities**
- Your **Work Ethic**
- Your **Partnership**
- Your **Dedication to rolling-up your sleeves to **getter DONE!****





# 2025 CenterPoint CR Workshop: Regulatory Update

**Jim Lee**

Manager, ERCOT Regulatory Affairs

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Senior Analyst, Regulatory & Rates

June 6, 2025





# Topics

1. CEHE Regulatory Proceedings
2. CEHE Transmission & Distribution System Resiliency Plan (Dkt. 57579)
3. ERCOT Load Forecasting & Transmission Planning
4. ERCOT Texas 765-kV Strategic Transmission Expansion Plan (TX 765 STEP)

# 2024 CEHE Base Rate Proceeding - Docket 56211

- CEHE Filed: March 6, 2024; PUCT Final Order: March 13, 2025
- Rate decrease of \$0.48 per residential customer using 1,000kWh per month
- Tariff and new rates are effective as of April 28, 2025
- Rider RRC -- Rate Reduction Credit: One-time refund of \$5.2 million to retail & wholesale customers per Settlement Agreement
  - Refund will be for 2 months – starting August 1, 2025; ending September 30, 2025

- SAC04: RRR006

<u>RATE CLASS</u>	<u>PER UNIT CHARGE</u>	<u>BILLING UNIT</u>
Residential Service	(\$0.000215)	Per kWh
Secondary Service Less Than or Equal to 10 kVA	(\$0.000334)	Per kWh
Secondary Service Greater than 10 kVA	(\$0.062308)	Per Billing kVA
Primary Service	(\$0.036335)	Per Billing kVA
Transmission	(\$0.018329)	Per 4CP kVA
Lighting Services	(\$0.004550)	Per kWh

# CEHE Residential Rates – as of April 28, 2025

1	Base Customer	Current	\$2.110000	Per Customer
2	Base Meter	Current	\$2.790000	Per Meter
4	Base Distribution	Current	\$0.023240	per kWh
5	TCRF	Current	\$0.015769	per kWh
6	DCRF	Current	\$0.000000	per kWh
7	EECRF	Current	\$0.000930	per kWh
15	NDC	Current	\$0.000013	per kWh
19	TEEEF	Current	\$0.002392	per kWh
21	RCE	Current	\$0.000048	per kWh
22	IRA	Current	\$0.000000	per kWh

Cumulative Rates

Fixed Charges	Volumetric Charges
\$4.90...	\$0.042393
Bill @ 1000 kWh	
\$47.29	
Res	

Completed:

- Transmission Cost Recovery Factor (TCRF) – effective 3/1/25
- Energy Efficiency Cost Recovery Factor (EECRF) – effective 3/1/25
- Nuclear Decommissioning Charge (NDC) – effective 4/28/25 (w/ Base Rate Proceeding)
- Base Rate Proceeding – effective 4/28/25
- Transmission Cost of Service (TCOS) – effective 4/28/25 [non-residential]

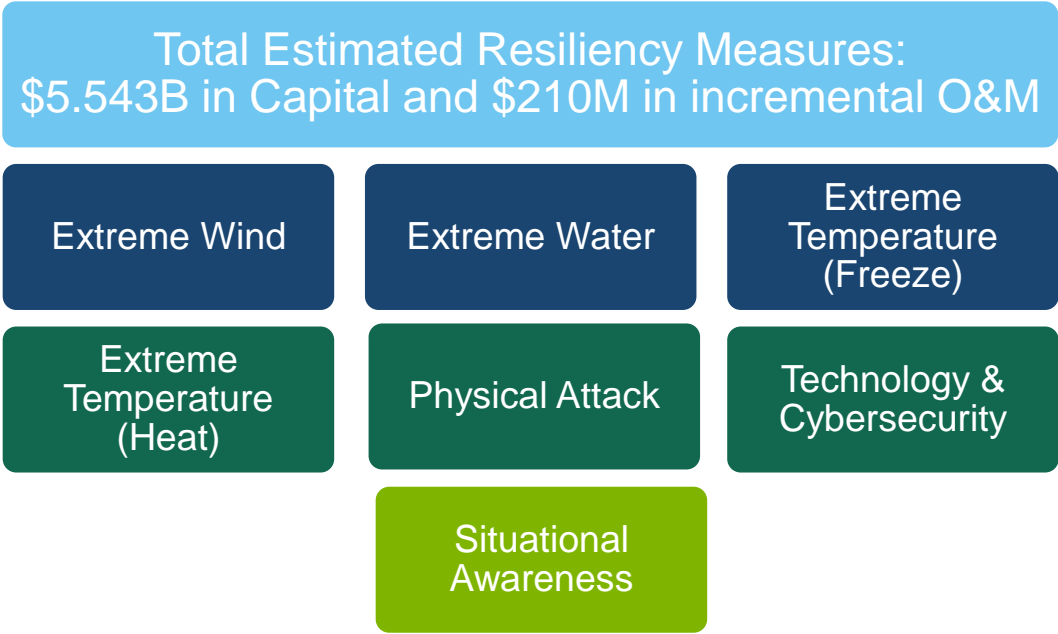
Pending:

- DCRF – Docket 57775 – Awaiting PUCT approval
- TEEEF – Docket 57980 – Awaiting Open Meeting Scheduling (addresses Large TEEEF units – LifeCycle/CPS Energy/ERCOT)
- TEEEF 2 – Docket 58107 (addresses Small TEEEF units)

# CEHE Transmission & Distribution System Resiliency Plan (2026-2028) - Docket 57579

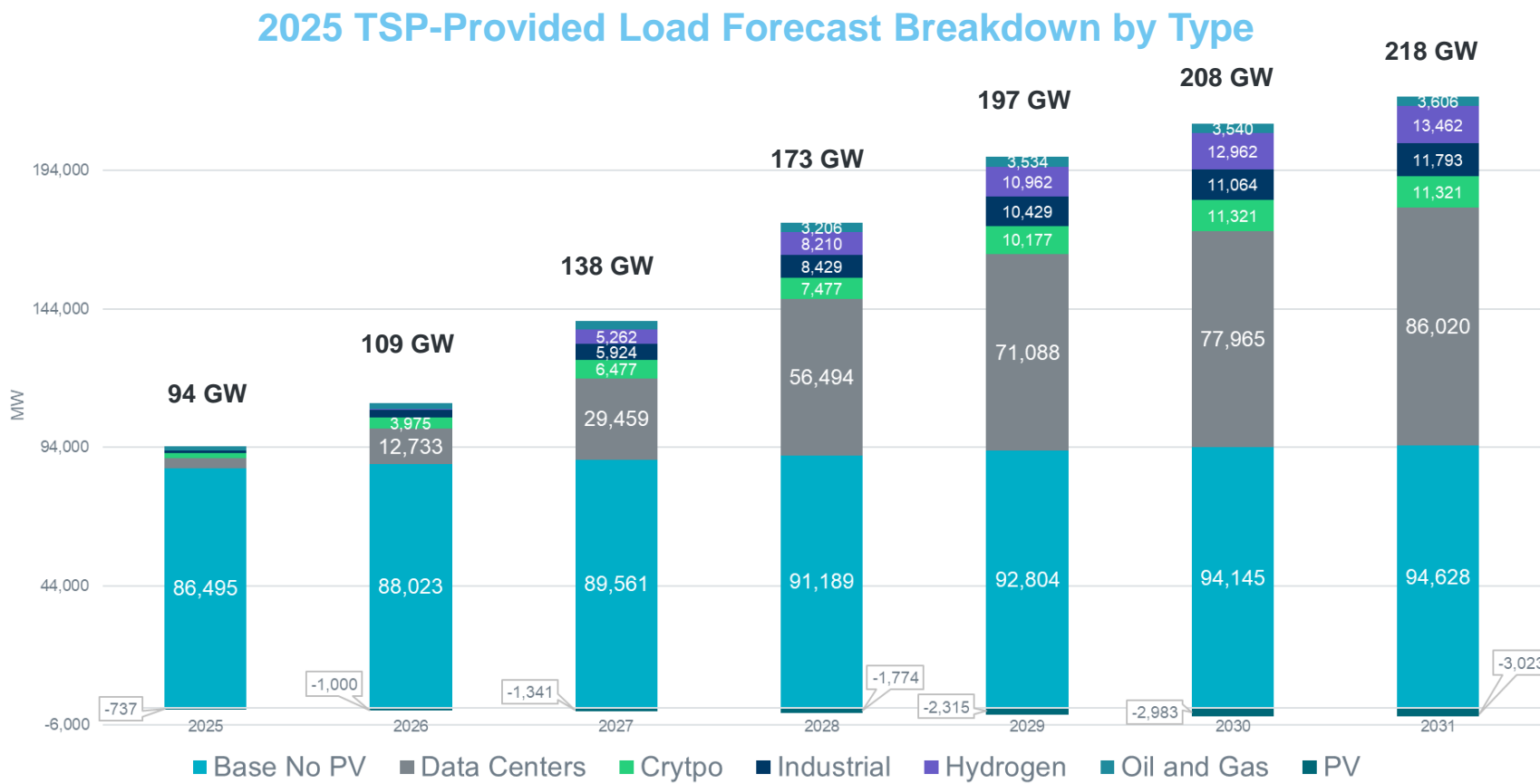
- CEHE filed on January 31, 2025; Final Order deadline September 16, 2025
- System Resiliency efforts are focused on protecting transmission & distribution infrastructure from extreme weather conditions and to reduce system restoration costs and outage times for customers
- Requesting ~\$5.75 billion investment over 3 years

Resiliency Event Category	Estimated Capital (million)	Estimated O&M (million)	Estimated Total (millions)	3-Year CMI Savings (millions)
Extreme Wind (9)	\$3,864.6	\$148.1	\$4,012.7	1,055.7
Extreme Water (4)	\$91.6	None	\$91.6	11.0
Extreme Temperature (Freeze) (3)	\$53.5	\$2.6	\$56.1	5.3
Extreme Temperature (Heat) (10)	\$1,207.2	\$37.2	\$1,244.4	183.1
Physical Attack (2)	\$37.4	\$0.1	\$37.5	42.7
Technology & Cybersecurity (5)	\$79.5	\$13.5	\$93.0	N/A
Situational Awareness (7)	\$209.5	\$9.2	\$218.8	10.8
Total (39)	\$5,543.3	\$210.7	\$5,754.0	1,309



# ERCOT: Load Forecasting & Transmission Planning

Texas continues to see huge exponential growth in electricity demand throughout the state. The TSP load forecasts (aka Officer Letter Loads) highlight the impending wave of load growth and the need for an enhanced and expanded Transmission system to efficiently and effectively serve the electricity demand across ERCOT.

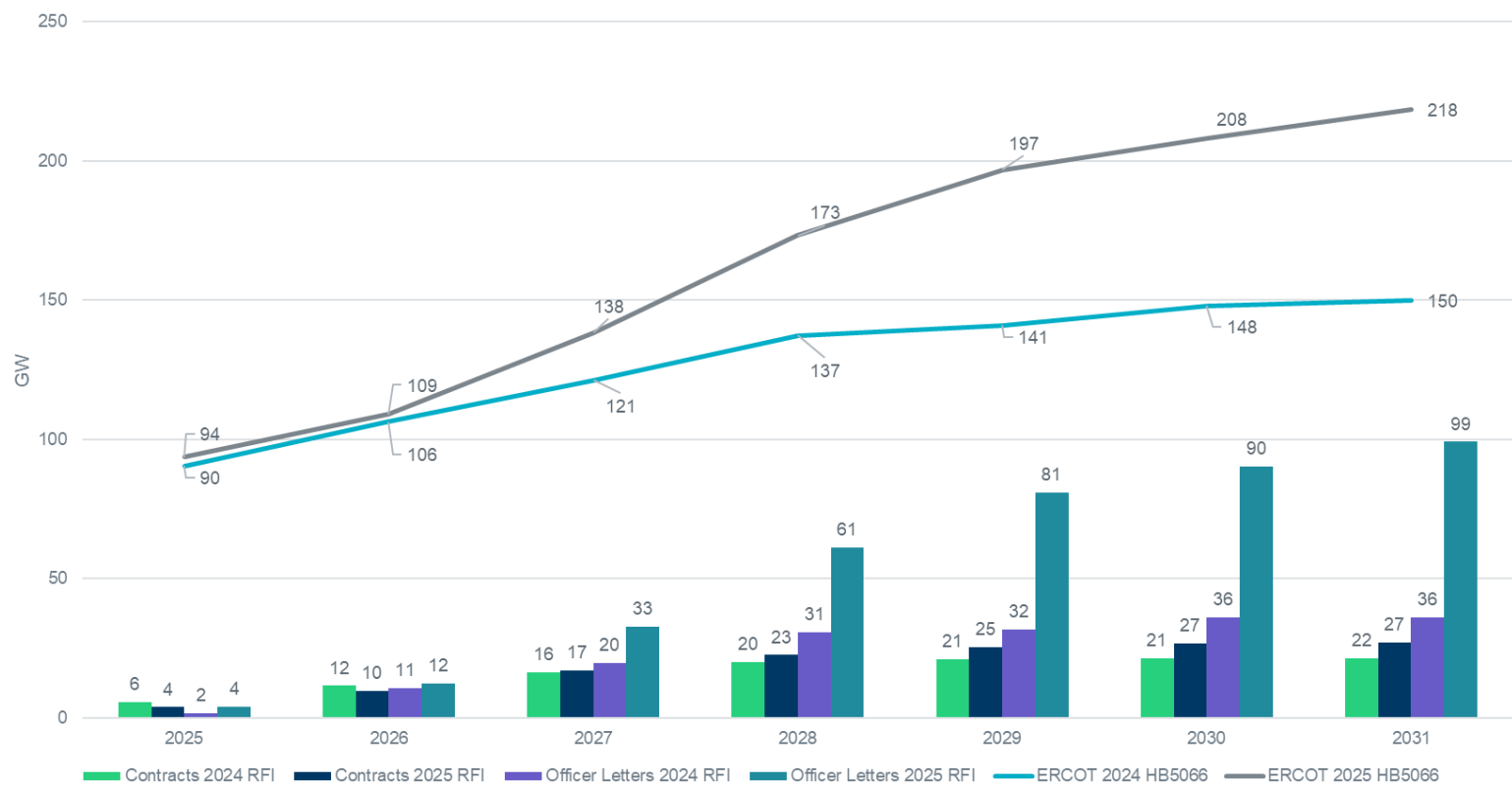




# ERCOT: Load Forecasting & Transmission Planning

Upon passage of NPRR1180 and PGRR107, TSPs were able to submit Load forecasts to ERCOT supported by either an executed interconnection agreement, an independent 3<sup>rd</sup> party load forecast deemed credible by ERCOT, or a letter from a TDSP Officer attesting to such load without a signed IA. The delta between 2024 and 2025 can be attributed to future Data Center load growth.

2024 vs 2025 TSP-Provided Load Forecast



ERCOT: Load Forecasting & Transmission Planning

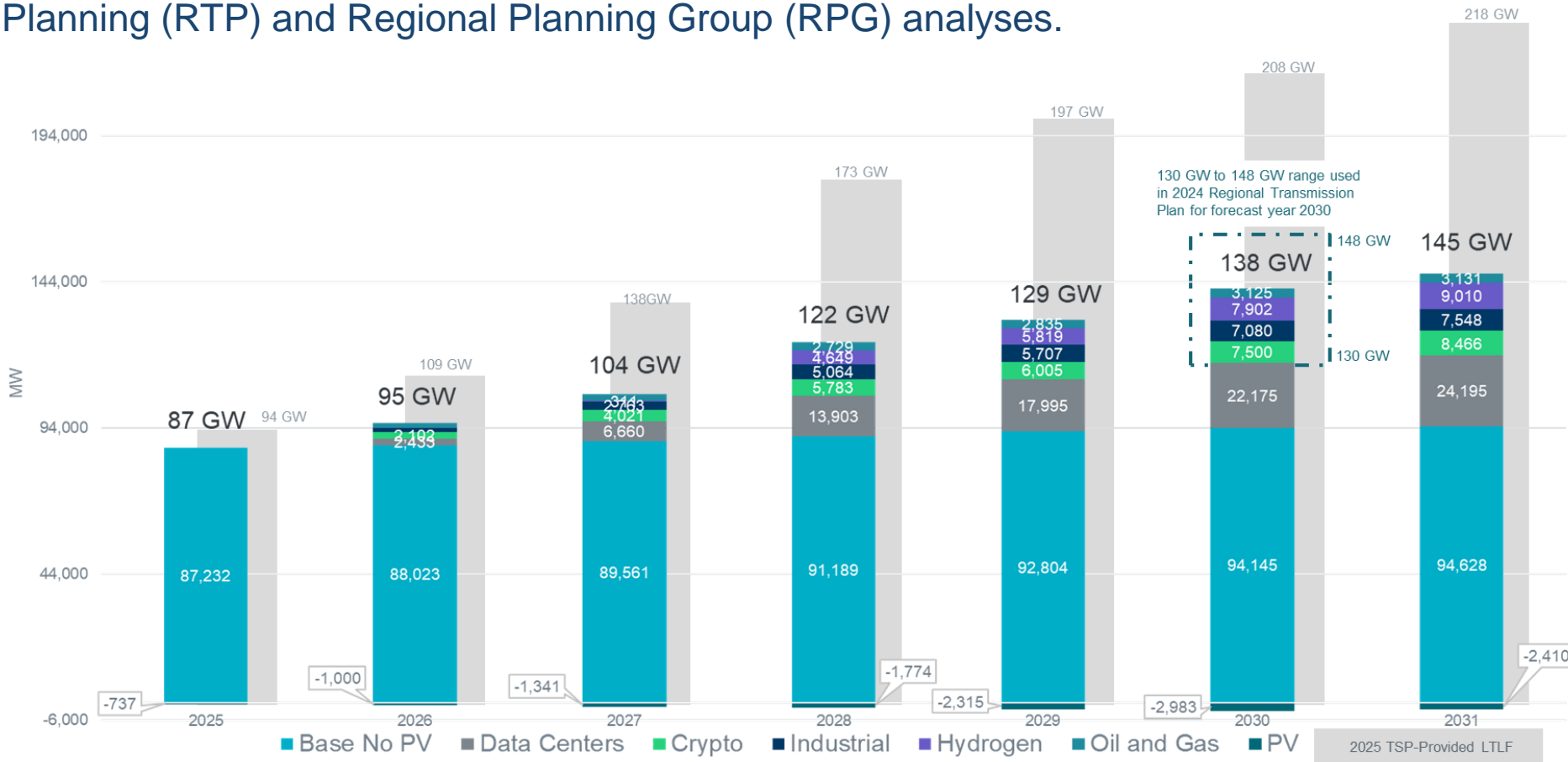
For ERCOT to incorporate the various forecasts into resource adequacy and outage coordination analyses, ERCOT developed their own ERCOT Adjusted Load Forecast. To separately address Transmission Planning needs, ERCOT is contemplating a supplemental ERCOT Adjusted Transmission Forecast to be applied to Regional Transmission Planning (RTP) and Regional Planning Group (RPG) analyses.

TSP-Provided Load Forecast

- Signed contracts, Officer Letter Loads, and accredited 3<sup>rd</sup> party forecasts based on the in-service dates and MWs that the TSPs provided

ERCOT Adjusted Load Forecast –

- All new Data Center Load reduced to 49.8% of request
- Then Officer Letter Load reduced to 55.4% of request



## ERCOT: Growth Forecasts + Transmission Expansion = TX 765kV STEP

Triggered by the transmission needs in the Permian Basin (#55718) and coupling the new growth forecasts with the current utilization of transmission capacity, availability and performance, ERCOT is evaluating the future of the state-wide extra high voltage transmission system.

The result: Texas 765-kV Strategic Transmission Expansion Plan (TX 765-kV STEP).

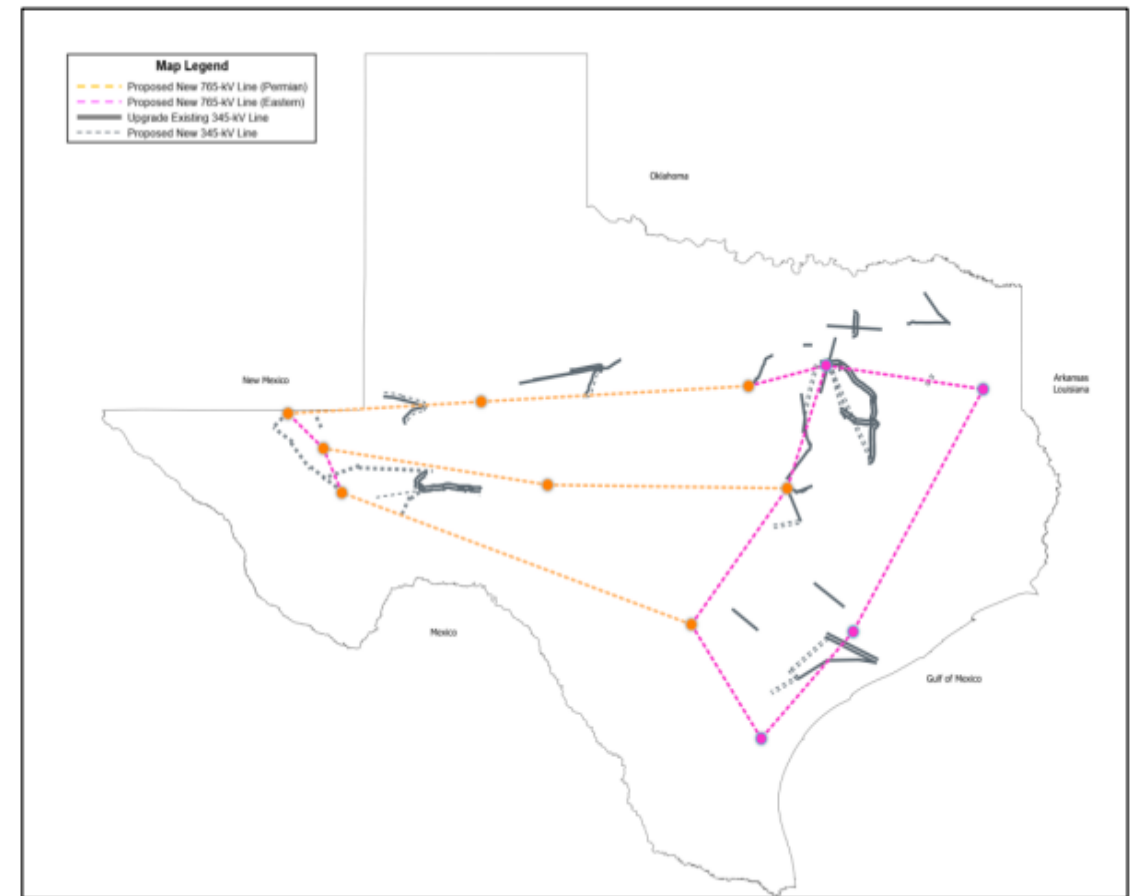
The Permian Basin 765kV import paths (yellow) were approved by the PUCT in April 2025 with continued discussions for the remainder of the TX 765kV STEP proposal (magenta) taking place amongst the TSPs, ERCOT and PUCT.

Benefits of 765-kV include:

- Increased transfer capability to load centers
- Flexibility in generation resource siting
- Lower line losses
- Lower congestion costs
- Outage Coordination Capacity
- Potential exit strategies for some current Generic Transmission Constraints (GTCs)

### Texas 765-kV Strategic Transmission Expansion Plan (TX 765-kV STEP)

*Critical components needed by 2030*



# Closing Remarks

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Manager CR Relations

