



# ***RELIABILITY ASSESSMENT REVIEW***

***Hunters Creek, Hunters Creek North***

***PRESENTED BY:***

**CPS ENERGY**

October 27, 2021

# AGENDA



- **BACKGROUND**
- **RECENT EVENTS**
- **ASSESSMENT SUMMARY**
- **UNDERGROUNDING PROJECTS**



# RECENT EVENTS

- Since our last meeting in early August there have been 2 outages that impacted Hunters Creek Neighborhood:
  - 8/11/2021 (2 ½ hours long) – impacted 242 customers:
    - Cause was a tree limb falling on power line during tree trimming process
  - 8/27/2021 (shorter than 5 minutes)
    - Occurred during a thunderstorm
- Tree trimming is 98% complete
  - Except for an area where access is limited due to construction



**Trimming the trees has made a positive impact on reliability in your neighborhood.**

## **CPS Energy Internal Review:**

- Data analysis
  - outages
  - lightning strikes
- Inspections
  - Visual & drone
  - Infra-red (IR) scans

## **Third-party Reliability Review:**

- National Engineering Firm
- Detailed analysis of circuit data
- Recommend improvements

# UNDERGROUNDING PROJECTS



## Segment A:

- Covers portion of Hunters Creek, and Hunters Creek North (~200 customers in the area shaded red)
- Most outages in this segment were caused by tree contact on the OH line near Hunters Pier
- Design is complete
- Permits expected by mid-November
- Approximate duration of construction is 3-5 months

Note: The portion of the neighborhood not covered by these two segments have had much better reliability. But we will continue to assess for additional improvement options.

Approximate boundaries of Hunters Creek (red outline) and Hunters Creek North (black outline) subdivisions



# UNDERGROUNDING PROJECTS



## Segment B:

- Covers another portion of Hunters Creek (~300 customers in the area shaded orange)
- Fewer outages than Segment A, but still caused by trees by Hunters Moss/Hunters Knoll area
- Design complete in late November
- Construction may overlap with Segment A

Approximate boundaries of Hunters Creek (red outline) and Hunters Creek North (black outline) subdivisions

Note: The portion of the neighborhood not covered by these two segments have had much better reliability. But we will continue to assess for additional improvement options.

# WE HEARD YOU

- Thank you for inviting us
- We always welcome customer feedback



**We realize that reliability has been a large concern in your neighborhoods and we are working diligently to address your concerns.**



# STAY INVOLVED

- **Monthly Board Meetings**
  - [cpsenergy.com/trustees](https://cpsenergy.com/trustees)
- **Events**
  - [cpsenergy.com/events](https://cpsenergy.com/events)
- **Newsroom**
  - [newsroom.cpsenergy.com](https://newsroom.cpsenergy.com)
- **COVID-19 resources**
  - [cpsenergy.com/covid-19](https://cpsenergy.com/covid-19)
- **Rates Advisory Committee**
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***Thank You***

# OUR GUIDING PILLARS & FOUNDATION



*Reliability*



*Customer Affordability*



*Security*



*Safety*



*Environmental Responsibility*



*Resiliency*



○ *Financially Responsible* ○

All business decisions are based on our commitment to being one of the best-managed & most *Financially Responsible* utilities in the nation!

# OUTAGE HISTORY

## Mar - Aug 2021

- Several outages this year – caused by weather/trees
- Amongst these are
  - 24 hours on 5/28  
(Memorial day weekend)
  - 10 hours on July 6
  - Over 4 hours on 4/28

