

# Grid Reliability Through Outreach and Partnerships



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# AGENDA

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## State of the State on Cybersecurity

- Outreach Program Status & Activity
- Summary Observations
- Lessons Learned
- Future Activities

## Program Challenges

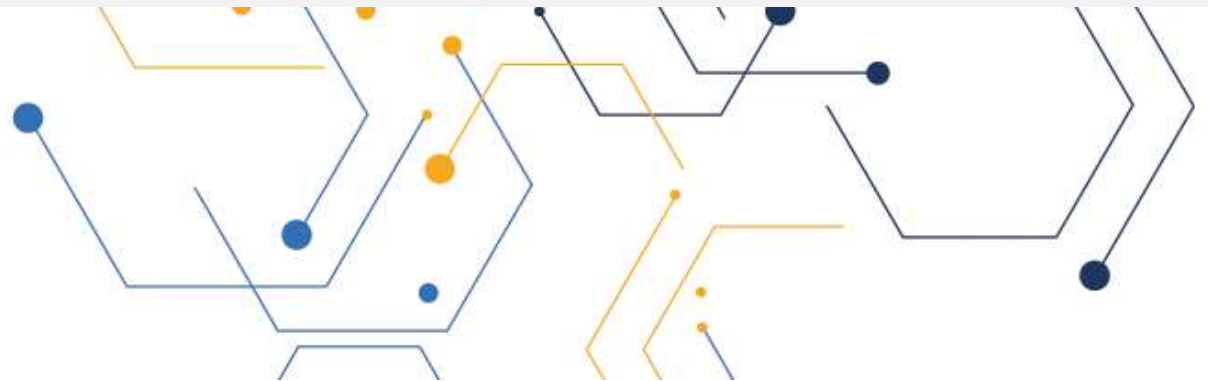
- Recruitment Obstacles & Cyber Monitor Outreach Solutions



# State of the State on Cybersecurity

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## Outreach Program Status & Activity

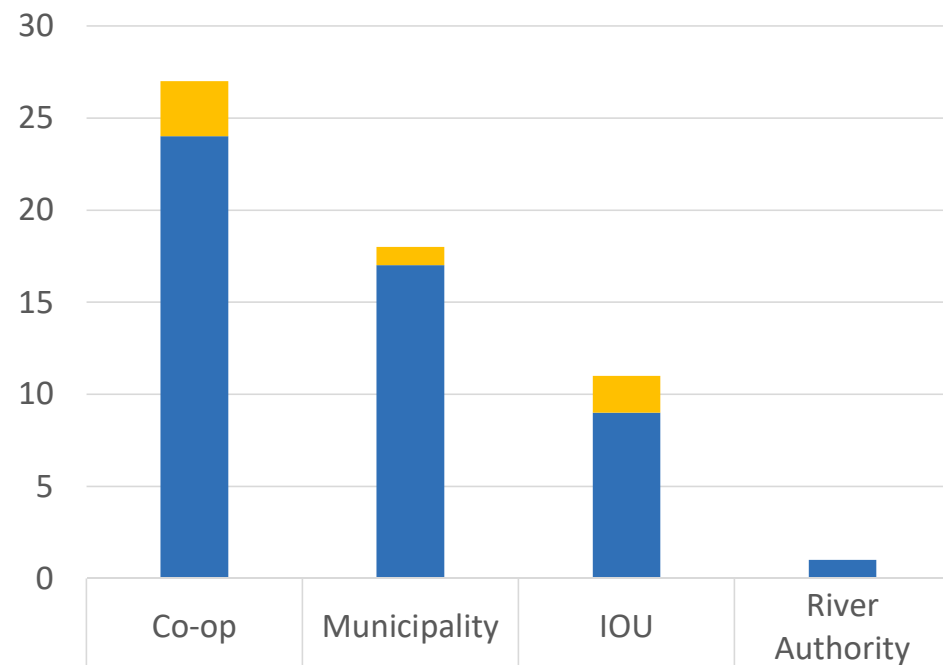


## Program Status

At the close of 2021, out of 64 responses, there are currently 57 utilities enrolled in the Outreach Program with 7 declines.



State of the State on Cybersecurity | Outreach Program Status & Activity



	Co-op	Municipality	IOU	River Authority
■ Number of Utilities (Not in ERCOT)	3	1	2	
■ Number of Utilities (In ERCOT)	24	17	9	1

## Quarterly Security Meetings

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In 2021, four security meetings were staged with utility outreach members

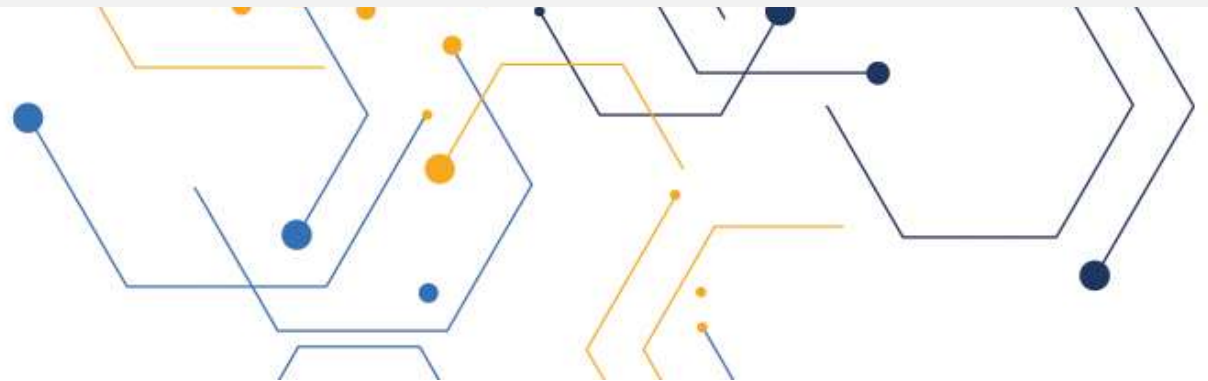
Ransomware Response  
Presidential EOs  
Incident Response Planning  
Cybersecurity Insurance  
IT/OT Vulnerabilities  
Cyber Event Communications  
Risk Management  
Compliance Supply Chain  
GridEx



# State of the State on Cybersecurity

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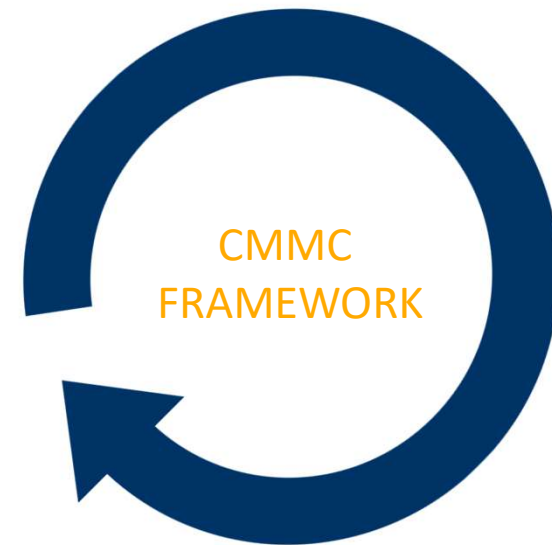
## Summary Observations



## Self-Assessment Results Data Measurement

Utilities are measured based on a modified version of the Cybersecurity Maturity Model Certification Framework

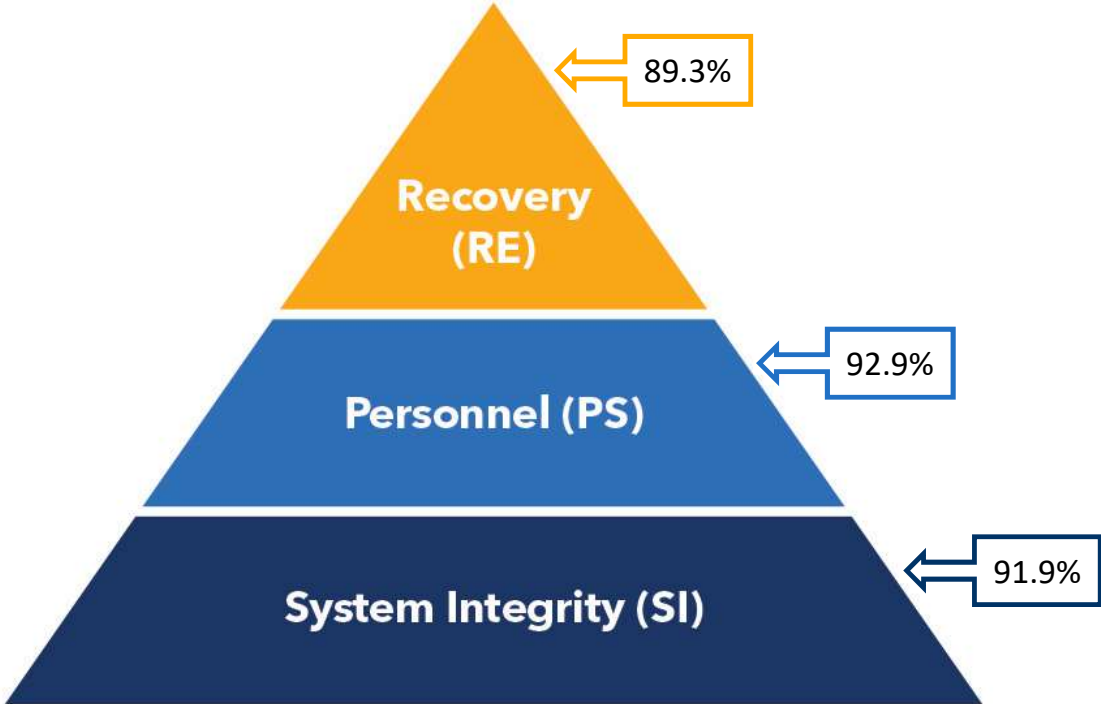
- CMMC is a DoD Framework that organizes business processes and cybersecurity best practices into multiple domains
- There are 17 cybersecurity practice areas evaluated



- Access Control
- Asset Management
- Awareness & Training
- Audit
- Configuration Management
- Identification & Authentication
- Incident Response
- Maintenance
- Media
- Personnel
- Physical Security
- Recovery
- Risk Management
- Security Assessment
- Situational Awareness
- System & Communications Protection
- System & Information Integrity

# Self-Assessment Results Top 3 Strengths

Overall, utilities reported performing the best in cybersecurity practices related to the following three (3) practice areas





## Lessons Learned All Utility Types

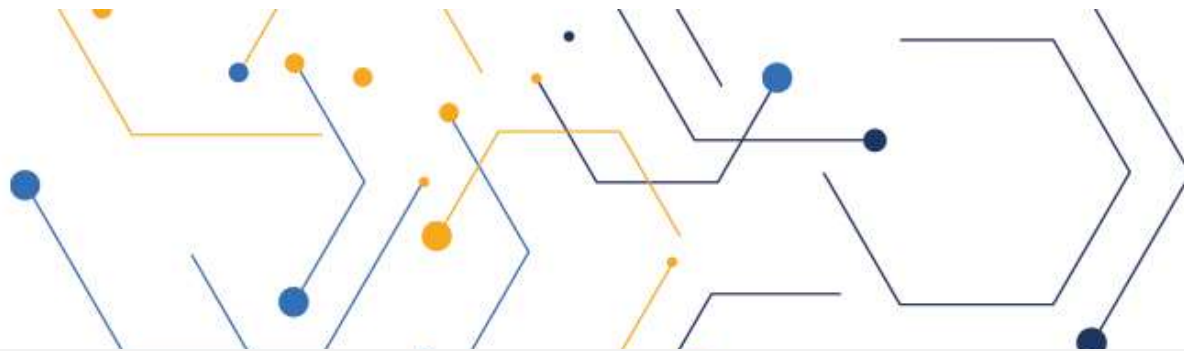
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The 3 cybersecurity domain areas in most need of improvement regardless of utility demographic, such as size, number of customers, etc. are:

Asset Management

Risk Management

Configuration Management



# State of the State on Cybersecurity

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## Future Activities



## Quarterly Security Meetings

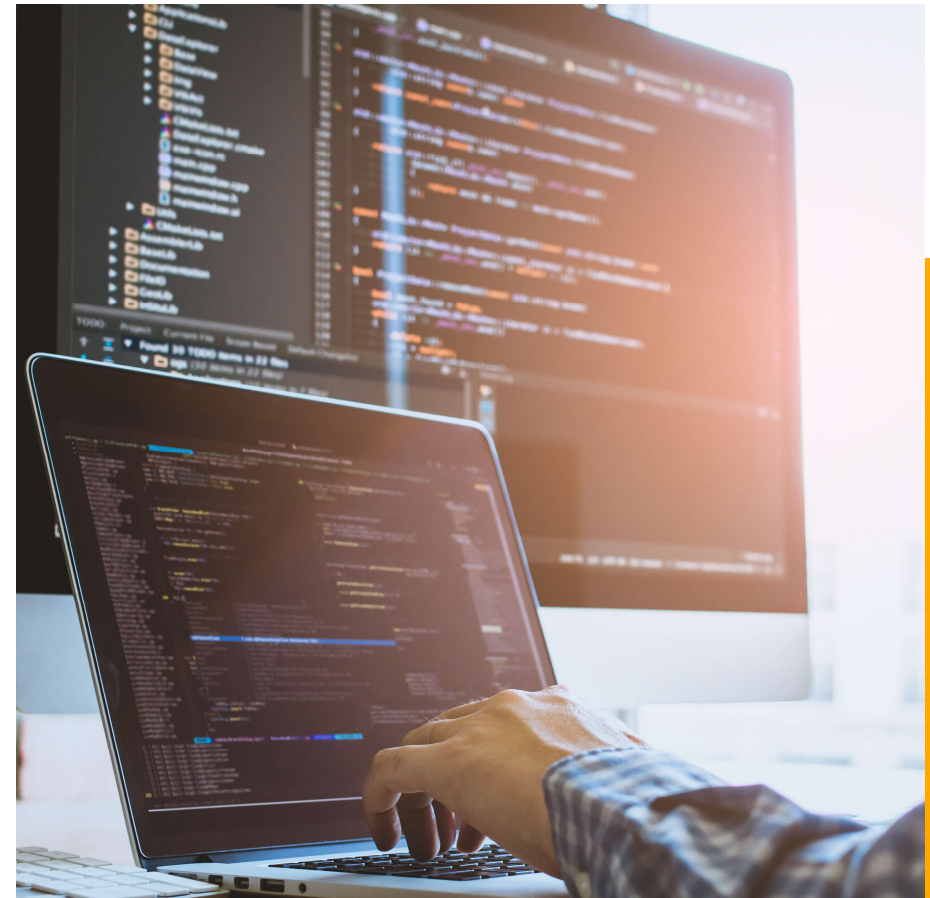
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- Continue to hold Quarterly Security Meetings with the Utilities
- Utilize self-assessment data results to discuss cybersecurity practice areas , such as Asset Management, to share information and best practices
- Provide additional relevant training and discussion topics e.g., Counter Unmanned Aerial Systems (cUAS), Cybersecurity Insurance
- Bring in educational resources to discuss additional topics



## Incident Response Remote Tabletop Event

- Test Incident Response Plans against a cybersecurity attack scenario
- 2 Sessions (April and June)
- Utilities can participate remotely with multiple organizational roles



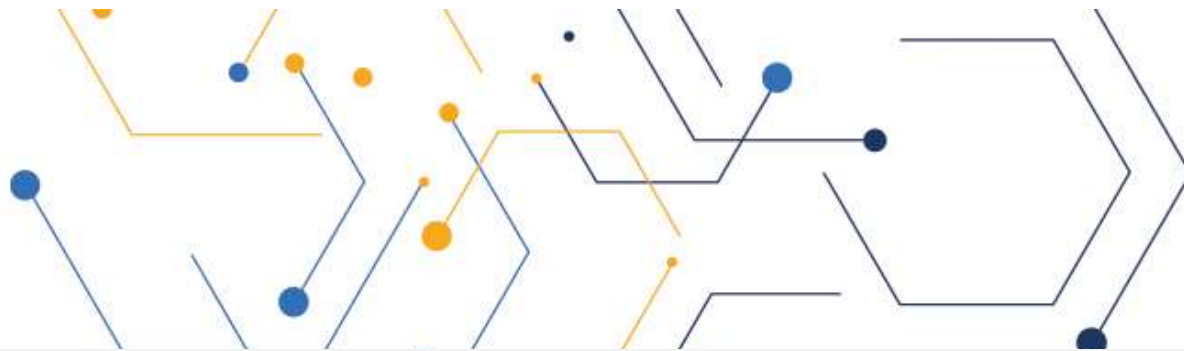
# 2022 Cyber Summit

- 3-day Event
- Day One: In-Person Incident Response Tabletop Exercise
- Day Two & Day Three:
  - Multi-track Training
    - Technical
    - Executive
  - Discussion Panels



State of the State on Cybersecurity  
Cyber Maturity Efforts





# Program Challenges

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Recruitment Obstacles & Cyber Monitor Outreach Solutions



# Cyber ~~Monitor~~ Outreach Solutions

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## Market the Program

- Use project insights such as cybersecurity trends
- Focus on increased volume and severity of cyberattacks

## Connect with Leadership

- Talk to decision-makers about the Program and its benefits

## Involve Current Participants in Outreach Effort

- Form a Working Group among a few active participants to better understand how to market the program