

# February 2021 Winter Storms Status of After Actions Report

## AEUOC Meeting

Thomas Pierpoint

Vice President, Electric System Engineering & Technical Services



April 5, 2022

©2022 Austin Energy

# Topics

- Overview of After-Action Report
- Status of Follow-up Actions
- Questions & Comments



# Austin Energy After Action Report



## FEBRUARY 2021 WINTER STORMS AFTER-ACTION REPORT



### TABLE OF CONTENTS

1. Introduction	3
2. After Action Report Development	5
3. Detailed Event Development	7
4. Observations and Follow-up Actions	12
Observation 1 — Community Communications	12
Media and Communication	12
Outage Map	14
Outage Map Text Alerts	15
Austin 3-1-1 Service	15
Observation 2 — Other Utilities and City Departments that Provide Public Services	17
Texas Gas Service	17
Austin Water	17
Austin Transportation Department	19
Communications Companies	19
Observation 3 — Medically Vulnerable Registry (MVR)	20
Observation 4 — Incident Command Team	20
Observation 5 — Management of ERCOT-Mandated Load Shed	21
Load Shed	21
Critical Load	23
Advanced Metering Infrastructure	25
Large Commercial and Industrial Customers	26
Downtown Underground Electric Network	27
Observation 6 — ERCOT Market and Generation Plants	27
Observation 7 — Restoration Process	29
Damage Assessment Personnel	30
Single Outage Process	30
Advanced Distribution Management System	31
Energy Management System/Supervisory Control and Data Acquisition System (EMS/SCADA)	32
Cold Load Pickup	32

Austin Energy | 1



## FEBRUARY 2021 WINTER STORMS AFTER-ACTION REPORT

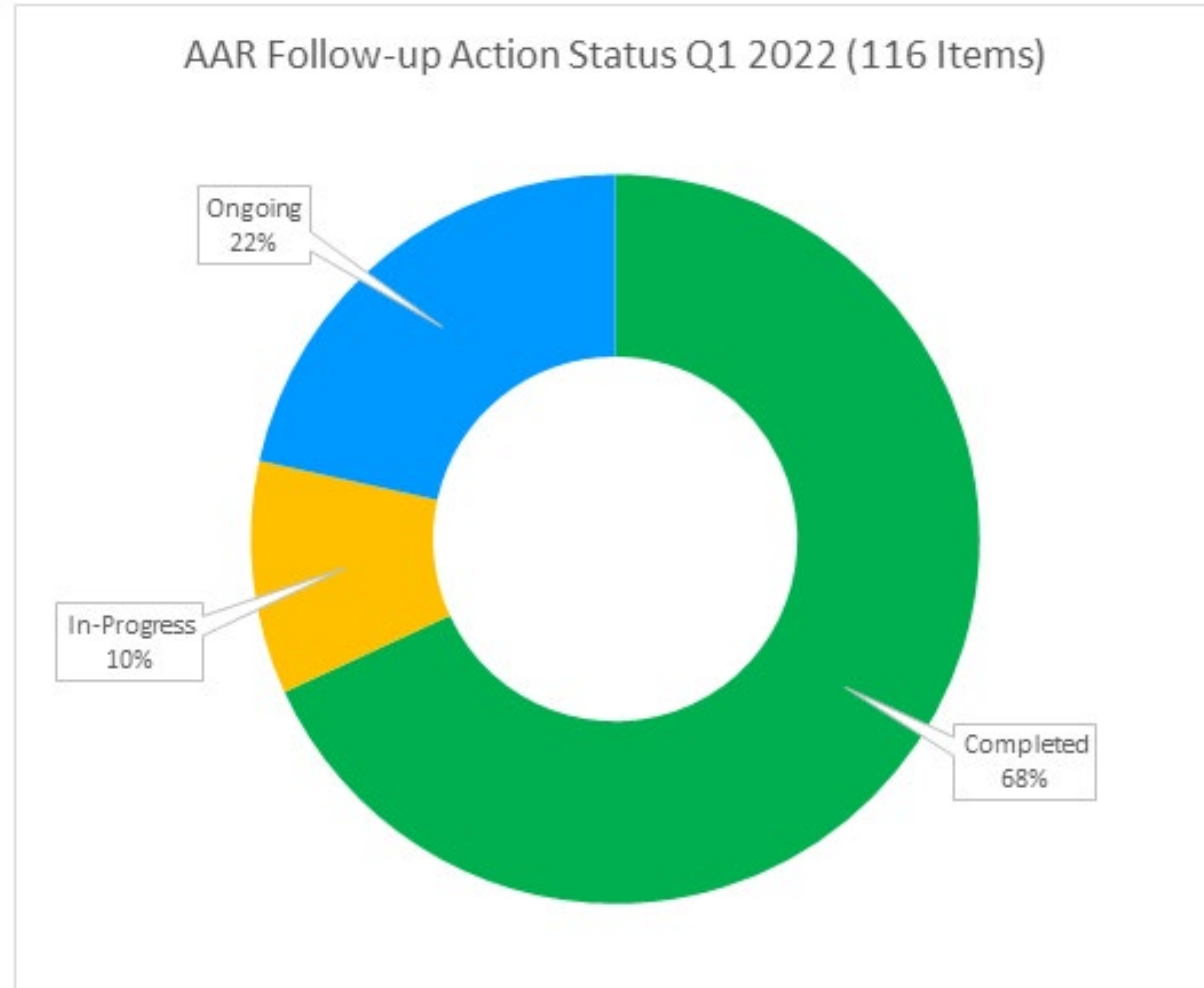
### TABLE OF CONTENTS — CONTINUED

Observation 8 — Management of Vegetation Near Power Lines	34
Observation 9 — Substations	36
Observation 10 — Transmission Lines	38
Observation 11 — Black Start Process	39
Observation 12 — Fleet Management	40
Observation 13 — Vegetation Debris Resulting from Winter Storms	40
Observation 14 — Emergency Critical Supplies	41
Observation 15 — Employee Health and Well-Being	42
Observation 16 — Remote Workforce	43
Observation 17 — Safety Management	44
Observation 18 — Climate Event Risk Assessment	45
Observation 19 — Collaboration with COA Departments	45
5. Conclusion	46
6. Appendix A: Acronyms	47

2 | February 2021 Winter Storms After-Action Report



# After-Action Report Status of Follow-up Actions





# Questions & Comments

