



# The Provisional Process

Expediting Standards Development  
Without Losing Trust

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# NEMA 2026 Significant Standards

## Built Environment

|                    |                                             |
|--------------------|---------------------------------------------|
| BS 31062           | Limited Energy                              |
| C136.48            | Wireless Networked Lighting Controllers     |
| C137.13            | AFD for Networked Indoor Lighting Controls  |
| HN 1               | Manufacturer Disclosure for Device Security |
| NEMA 70901-8       | Industrial Control Systems                  |
| NEMA BS 30000-2026 | Lithium-Ion Battery Fire Guidance           |
| NEMA BS 31061      | LVDE Best Practice                          |
| NEMA CS 70015      | DC Power                                    |
| NEMA IS 10055      | Grounding and Bonding                       |
| NEMA JS 80068      | Electricity Metering                        |
| NEMA LS 20040      | UPS                                         |
| NEMA PR 50094      | Pin and Sleeve                              |
| SM 31000-8         | Submeter Demand Metering                    |
| SM 31000-9         | Submeter Commissioning and Field Testing    |
| WD 00006           | Wiring Devices                              |

## Mobility

|               |                              |
|---------------|------------------------------|
| BI 50038      | EVSE Ground Fault Protection |
| NEMA 70901-10 | Changeable Message Signs     |
| NEMA 70901-11 | EVSE                         |

## Grid

|              |                                                     |
|--------------|-----------------------------------------------------|
| C12.1        | Electric Meters                                     |
| NEMA 70901-9 | Low Voltage General Purpose Transformers            |
| US 80077     | BAP for Distributed Energy Resources                |
| US 80087     | Guide for Repowering and Decommissioning PV Modules |

## Industrial/Core

|               |                                     |
|---------------|-------------------------------------|
| NEMA 70901-8  | Industrial Control Systems          |
| NEMA EN 10250 | Enclosures for Electrical Equipment |
| MG 00001      | Motors and Generators               |
| MW 01000      | Magnet Wire                         |



# NEMA Provisional Standards Process

The provisional standards process allows NEMA to respond quickly to critical needs while ensuring transparency, consensus and a clear path to a full standard.

## What It Is

- Used when a NEMA group believes prompt action is needed to meet immediate industry needs or address emergency situations.
- Follows a shortened approval path compared with a full NEMA standard.
- Ballot period is at least 14 calendar days, versus at least 30 days for a standard.
- Approval requires a majority of members voting, rather than a two-thirds affirmative vote.
- C&S officers may approve it first; the full committee reviews it at the next meeting and annually thereafter.
- Provisional status lasts up to two years; within that period, it must be converted to a standard, or it is automatically withdrawn.

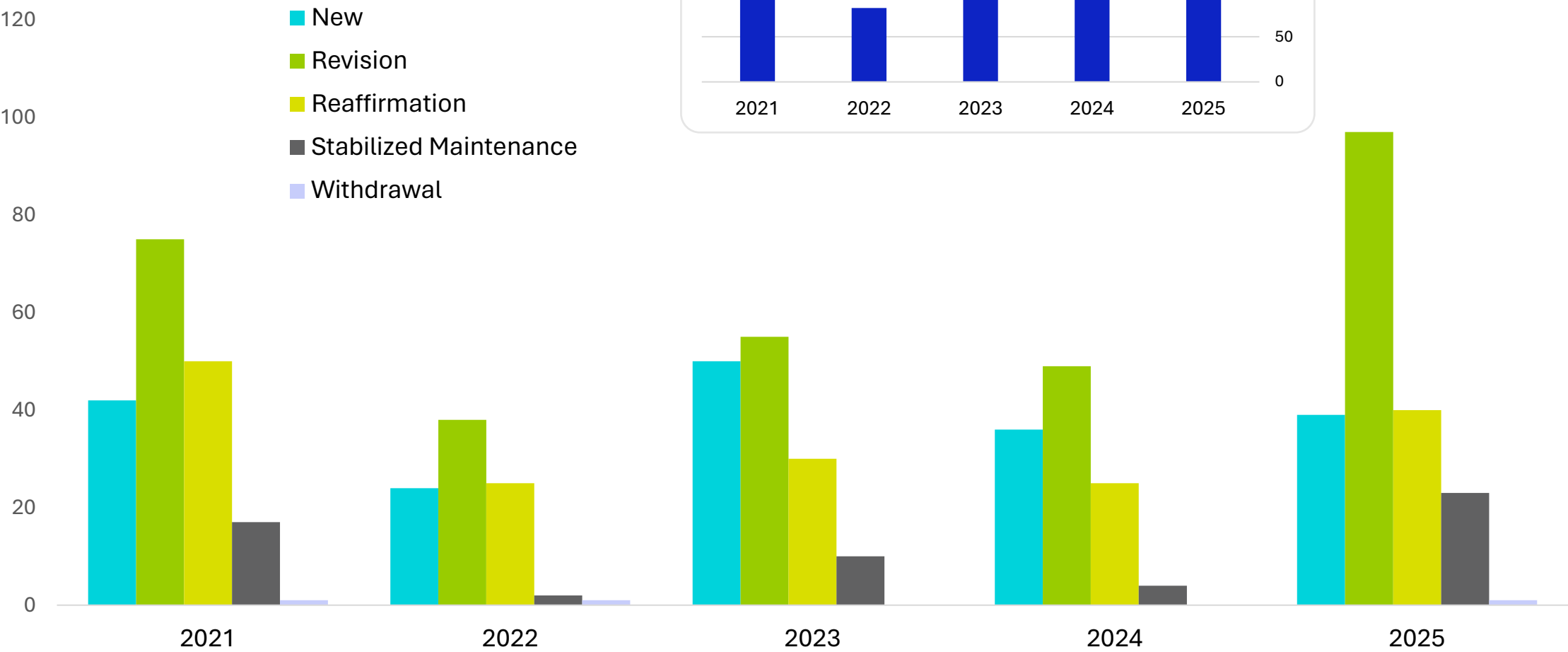
## High-Level Process

Enabling timely solutions for urgent industry needs while maintaining rigor and stakeholder consensus.



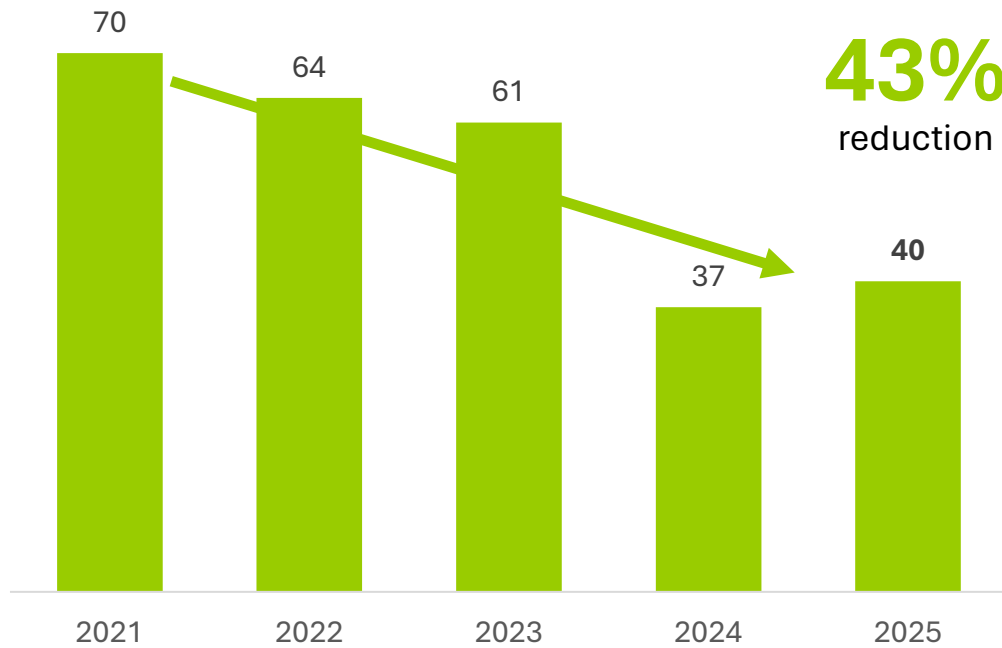
**Takeaway:** NEMA's provisional process is a faster, temporary pathway that gets guidance to market sooner while preserving a defined route to full standardization.

# Number of Publications By Document Action: 2021-2025

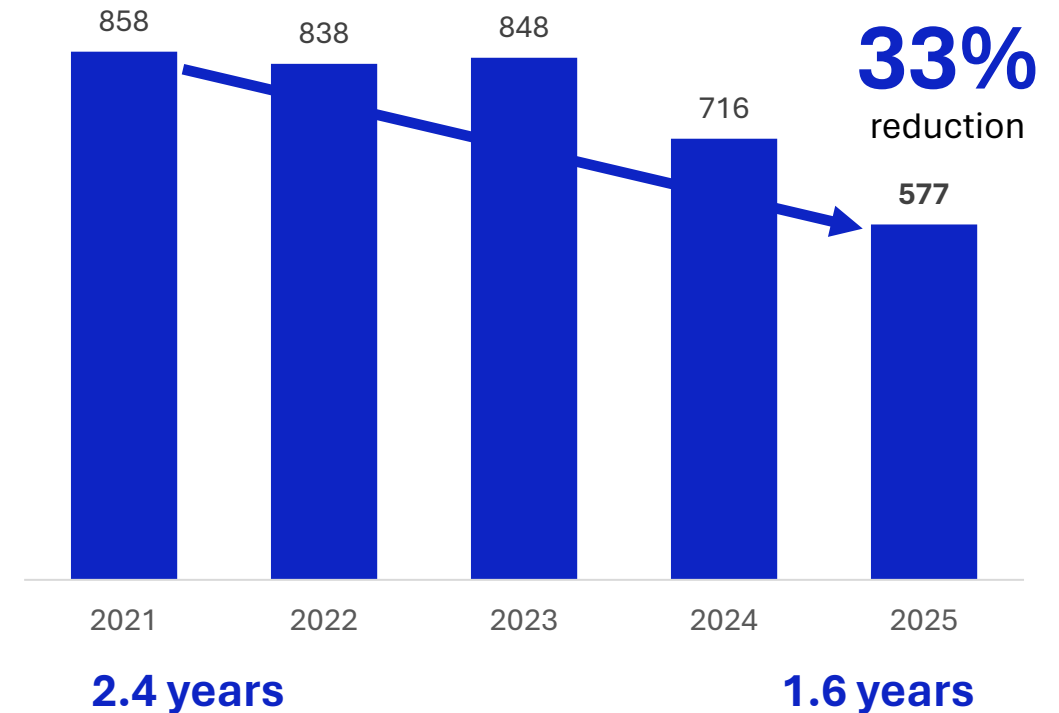


# Time to Completion Trends Downward

Time in Editing/Publication Queue (Days)



Avg. Total Time to Completion (Days)



**Make it ⚡ Electric**



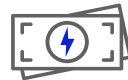


# Membership Overview

NEMA represents over 300 electrical manufacturers that make safe, reliable, and efficient products and systems.



**300+**  
Member companies



**\$334B**  
Contributed to the U.S. economy



**580,000**  
American jobs directly provided



**1%**  
of U.S. GDP comes from our members

Built Environment



Grid



Industrial



Mobility



# NEMA's Grid Reliability Study

America's energy system faces dramatic changes over next 25 years



## Unexpected Growth in Electricity Demand

Electricity demand will grow by more than 55% by 2050



## Innovative Technologies To Meet Near-Term Demand

Urgent need to invest in technologies to meet coming demand in an all-of-the-above energy ecosystem



## Policy Instruments Must Support America's Energy System

Critical new policies and regulatory certainty needed to deliver a flexible, stable, more resilient grid



# NEMA's Grid Reliability Study

America's electrical system faces dramatic changes over next 25 years

## Increased Demand

Electricity demand will grow by more than 55%

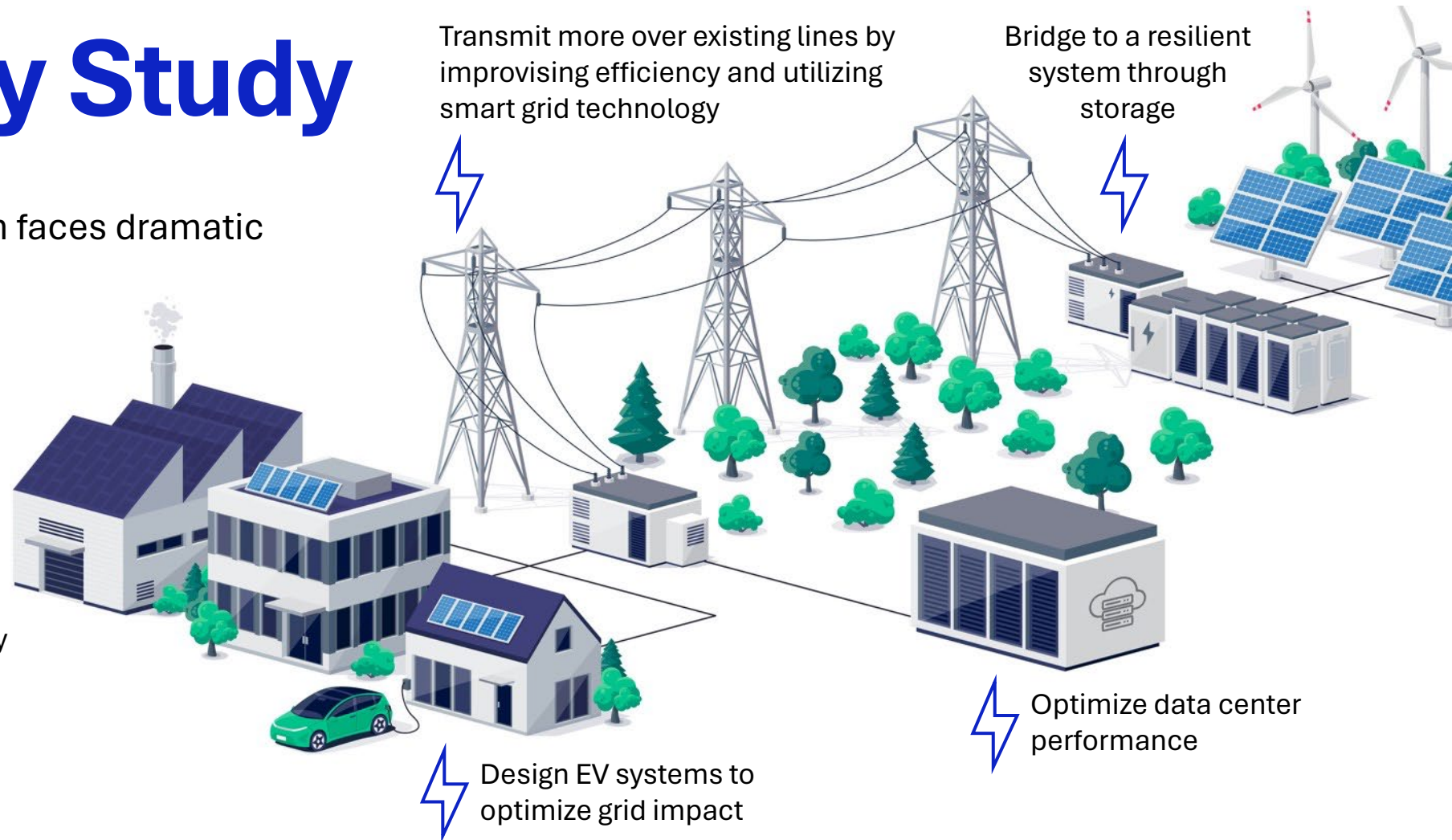
## New Policies

Critical new policies and regulatory certainty are needed to deliver a flexible, stable, more resilient grid

**Urgent need to invest in technologies to meet coming demand in an all-of-the-above energy ecosystem**

Transmit more over existing lines by improving efficiency and utilizing smart grid technology

Bridge to a resilient system through storage



Design EV systems to optimize grid impact

Optimize data center performance