
100 YEARS OF POWERING PROGRESS
NEMA 100
Make it Electric

NEMA100

The Next Century Starts Now

America has entered a new era of electricity growth, driven by AI, advanced manufacturing, electrified buildings and transport systems, and the need for a stronger, more resilient grid.

For 100 years, NEMA and its members have helped power, protect, and connect America. Today, we are helping build what comes next.

In 2026, NEMA put that leadership into action. We launched the AI Data Center Energy Performance Framework, helped advance $375 million in federal investment for domestic grid-component manufacturing, supported permitting reform, and strengthened our voice on grid reliability, energy security, and infrastructure policy.

We also delivered results beyond Washington — securing important state policy wins, helping advance modern energy codes in nine states, and achieving a long-sought international milestone with publication of Mexico's implementing regulations for its Quality Infrastructure Law, advancing greater standards alignment, testing, and certification certainty across North America.

At the same time, we expanded Make It American® from Capitol Hill to the states and launched our first major industry awareness campaign to elevate the electroindustry's economic and strategic importance.

These accomplishments advance the 2030 strategy approved by our Board in February, strengthening NEMA's leadership in policy, standards, markets, and the technologies shaping America's electrical future.

NEMA does more than set industry standards — we raise them.

Thank you for your leadership, partnership and commitment as we begin NEMA's next 100 years.

Debra C. M. Phillips
President and CEO



Celebrating a Century, Powering the Next

From the expansion of electrification and the development of safety standards to digitalization, grid modernization, and today's rapid growth in AI and advanced manufacturing, the electroindustry has continually evolved to meet America's changing energy needs.

As NEMA marks its centennial, that history is the foundation for where we are going next.

Powering Another Century of Progress

2020s

Powering a New Era of Growth

AI, data centers, advanced manufacturing, and other emerging technologies accelerate electricity demand and place new pressures on America's electrical infrastructure.



2021 – 2022 | 2025 | 2026

2005

Energy Policy Act
Advanced mandatory bulk-power reliability standards and new approaches to transmission.

2021 – 2022

Infrastructure Investment and Jobs Act, CHIPS Act, Inflation Reduction Act
$1.2 Trillion in federal funding for electrical infrastructure modernization.

2025

One Big Beautiful Bill Act
Advanced NEMA-supported manufacturing tax incentives while reshaping federal energy policy.

2026 & Beyond

The Next Century of Electrification
The electroindustry will be at the epicenter of major policy, technology, and energy system shifts.

1920s – 1930s

Building the Foundation

NEMA is formed through the merger of two electrical trade associations, beginning a century of industry collaboration on standards and safety.

1940s

Supporting a Nation at War

Electrical manufacturing and standardizing mission-critical equipment help support the U.S. effort during World War II.

1950s – 1960s

Electrification at Scale

Electrical infrastructure expands rapidly across homes, businesses, industry, and communities.

1970s – 1980s

Regulation & Automation

New approaches to energy use, regulation, and automation reshape the electroindustry.

1990s

Safety & Expandi Global Leadershi

NEMA helps establish th Foundation Internationa international standards l

100 YEARS OF PROGRESS



1926 1935 1936 1975 1977 1978 1992

1926

NEMA Founded

The Associated Manufacturers of Electrical Supplies and the Electric Power Club combine to form NEMA

1935

Federal Power Act

Established the modern federal framework for interstate electricity transmission and wholesale power.

1936

Rural Electrification Act

Accelerated the expansion of electricity to rural communities across America.

1975

Energy Policy and Conservation Act

Established a major federal framework for energy conservation, efficiency programs, and consumer product standards.

1977

Federal Energy Regulatory Commission

Created the federal regulator that oversees interstate electricity transmission and wholesale power markets.

1978

Public Utility Regulatory Policies Act

Opened new opportunities for non-utility power generation and reshaped electricity markets.

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he Electrical Safety
l in 1994. NEMA's
eadership grows.

2000s – 2010s

Efficiency and Digitization

Energy efficiency and digitalization transform how electricity is generated, managed, and consumed.

2020s

Powering a New Era of Growth

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Powering Another Century of Progress



2005 · 2021 – 2022 · 2025 · **2026**

1992

Energy Policy Act
Expanded federal energy-efficiency standards and advanced policies affecting electric power, buildings, and energy infrastructure.

1992

ENERGY STAR Program
Created a new voluntary federal program to promote energy-efficient products, buildings, and technologies.

2005

Energy Policy Act
Advanced mandatory bulk-power reliability standards and new approaches to transmission.

2021 – 2022

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The Next Century of Electrification
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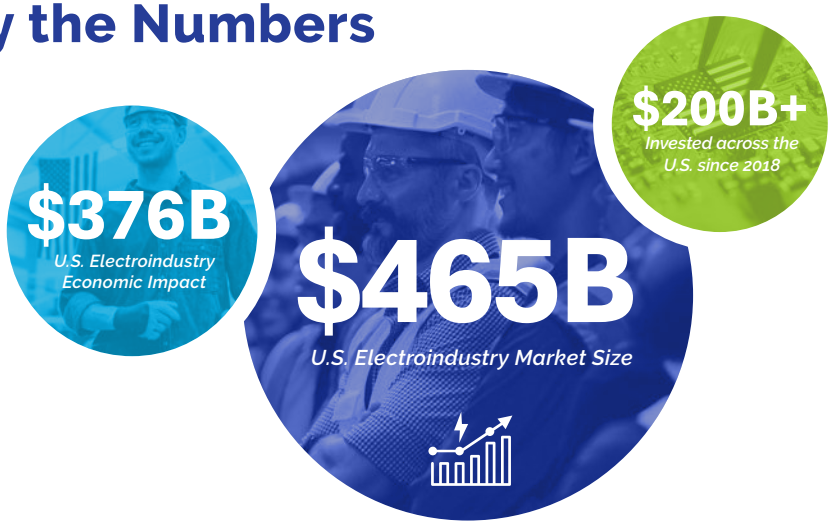
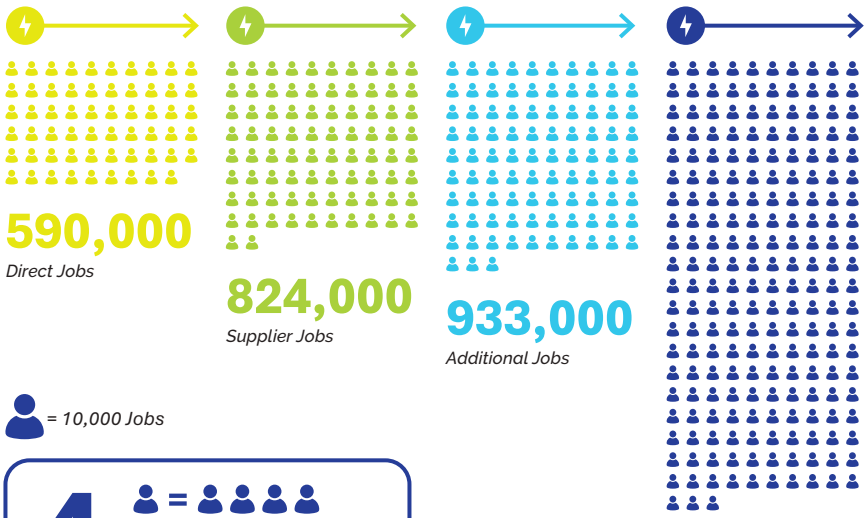
The Electroindustry By the Numbers





= 10,000 Jobs

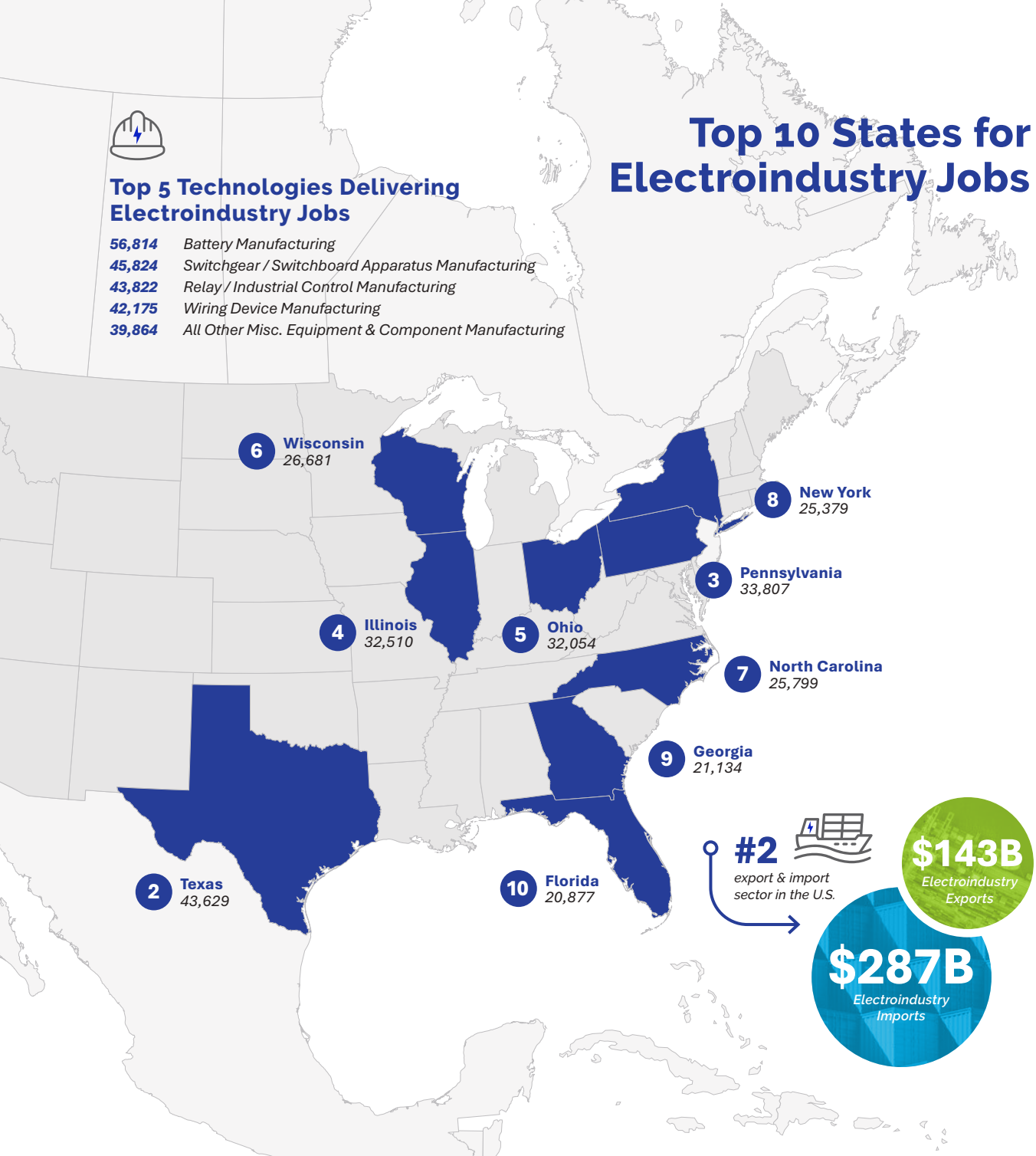
4 =
American jobs are generated in the U.S. economy for every one electroindustry job



Top 10 States for Electroindustry Jobs

Top 5 Technologies Delivering Electroindustry Jobs

56,814 *Battery Manufacturing*
45,824 *Switchgear / Switchboard Apparatus Manufacturing*
43,822 *Relay / Industrial Control Manufacturing*
42,175 *Wiring Device Manufacturing*
39,864 *All Other Misc. Equipment & Component Manufacturing*



06 Advocacy That Delivered

Strengthening American Manufacturing and Supply Chains

- Secured Senate introduction of the **Bipartisan American Affordability and Jobs Act of 2026**, a long-awaited permitting reform proposal to accelerate transmission, expand grid capacity, and provide greater investment certainty.
- Secured **$375 million** in DOE appropriations to expand domestic grid-component manufacturing capacity.
- Built bipartisan, bicameral support for the **Build American Efficiency Act** to recognize NEMA's Make It American® process for demonstrating domestic content compliance.
- Developed a member-driven trade strategy covering **784 electroindustry HTS codes**, supporting free trade on **737 codes representing 94% of electroindustry trade volume,** while recognizing areas where member views differ. Engaged in support of a continued, strengthened USMCA.
- Delivered NEMA's position directly to policymakers through federal tariff hearings, congressional testimony and **80+ meetings** with government officials, including meetings with USTR Greer.
- **Advanced a tariff-incentive approach** designed to support U.S. manufacturing while maintaining access to critical materials and components.
- Advocated for North American standards harmonization leading Mexico to publish regulations under its **Quality Infrastructure Law,** providing greater clarity for standards, testing, certification, and conformity assessment.





NEMA, NEMRA, and NAED on Capitol Hill





NEMA President & CEO Debra Phillips testifies at a congressional hearing on copper and other critical minerals

Modernizing and Securing the Grid

- Advanced bipartisan legislation to modernize the **Energy Policy and Conservation Act,** while preserving treatment of distribution transformers.
- Advanced House passage of the **SECURE Grid Act,** driving NEMA-backed efforts to strengthen distribution-grid security and bring manufacturer expertise into state energy-security planning.
- Partnered with **NERC** on large-load and reliability activity and increased educational opportunities with **FERC** and grid operators.
- Co-hosted the **Congressional Grid Innovation Expo** with the GridWise Alliance and American Critical Minerals Association, bringing members and lawmakers together on Capitol Hill to showcase technologies that can expand grid capacity, reliability and resilience.

Delivering Regulatory Certainty and Protecting Markets

- Secured a DOE extension of an enforcement stay related to **motor-testing methods**, providing manufacturers additional time and regulatory certainty.
- Worked with **U.S. Customs and Border Protection and the Consumer Product Safety Commission** to address counterfeit and non-conforming electrical products.
- Led industry opposition to the **LIT Act**, highlighting concerns over increased grid demand, uncertainty, and risks to investments in efficient lighting technologies.



2026 Congressional Grid Innovation Expo

Advocacy That Delivered

Advancing Next-Generation Mobility

- Shaped **federal and state policies for EV charging and bidirectional power transfer,** advocating for safe, interoperable and practical requirements that support innovation and deployment. NEMA urged California to avoid fragmented bidirectional-charging mandates and federal officials to take a phased approach to EV charger domestic-content requirements — supporting U.S. manufacturing and supply-chain flexibility.

Building the Energy Workforce

- Joined the Careers Electric Coalition, backed by $10 million from Siemens/Siemens Foundation and ABB, to train **5,000 electrical workers in North Carolina in the first three years and 25,000 over the next decade**.
- **Drew 27 nominees from member companies for its 2026 Emerging Leaders Program, for a total of more than 50 in the program**, strengthening the leadership pipeline across the electroindustry through a second annual program.
- Advanced the bipartisan **Veterans Energy Transition (VET) Act,** which received a House hearing and grew to 26 bipartisan cosponsors, connecting energy-sector workforce needs with veterans seeking new careers.

Protecting ENERGY STAR and Advancing Modern Codes

- **Secured dedicated federal funding to preserve ENERGY STAR** after the program faced proposed elimination, working with congressional offices and industry partners to demonstrate its value to manufacturers, consumers, and the grid.
- Delivered state code wins in **Colorado, Delaware, Utah, Illinois, North Dakota, Maine, Minnesota, Texas and Wyoming.**
- Defeated or removed proposals in **Hawaii, Georgia, Missouri, Nebraska, Rhode Island, and Washington** that would have frozen, rolled back, or restricted adoption of modern building and electrical codes.

$33M

2026 ENERGY STAR funding retained



Advocacy By the Numbers

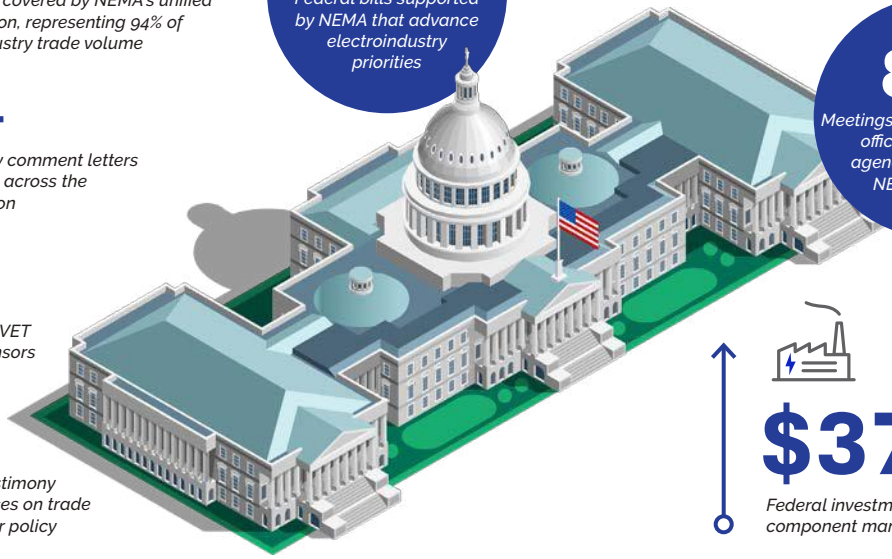
737
HTS codes covered by NEMA's unified tariff position, representing 94% of electroindustry trade volume

45+
Regulatory comment letters developed across the organization

26
Bipartisan VET Act cosponsors

4
Federal testimony appearances on trade and copper policy

12
Federal bills supported by NEMA that advance electroindustry priorities



80+
Meetings with congressional offices and federal agencies to advance NEMA priorities

$375M
Federal investment in domestic grid-component manufacturing

Delivering Results in the States

- Defeated **right-to-repair legislation in Alaska, Ohio, Wyoming and Virginia,** secured protections for lighting manufacturers in Kansas, and defeated problematic PFAS legislation in Maryland.
- In New Mexico, NEMA and industry partners **won a preliminary injunction blocking a new PFAS labeling mandate** that would have created significant compliance burdens for manufacturers.

1,723
State legislative proposals tracked across key electroindustry issues

4
State right-to-repair bills defeated

7,185
Training attendees across 85 events in 40 states for NEMA's Technical Field Rep Program

32 States
Where NEMA engaged via testimony, amendments, veto requests, and more

9
States where NEMA advanced modern energy codes

NEMA MAKE IT AMERICAN®

Building Momentum

Make It American® had a breakout year in 2026, growing from an industry certification program into a recognized tool for strengthening U.S. manufacturing and domestic supply chains.

The Federal Highway Administration recognized Make It American as a resource for domestic-content compliance, while the bipartisan BUILD America 250 Act incorporated provisions recognizing NEMA's certification program.

Arkansas, Montana, and Texas became the first states to recognize Make It American, creating new pathways for certified manufacturers to demonstrate domestic-content compliance on infrastructure projects.

The program gives policymakers, contractors and procurement officials a practical way to identify American-made electrical products.



14
Companies certified





72
Facilities certified



120
Product lines certified

3
States recognizing Make It American (AR, MT, TX)

62-2
Bipartisan committee vote advancing federal recognition

3
Bipartisan federal bills recognizing Make It American: the BUILD America 250 Act and Build American Efficiency Act in House and Senate

**as of October 2026*

Leading Conversations on the Electroindustry's Most Pressing Priorities

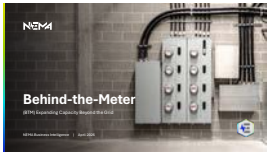
NEMA invested in thought leadership designed not simply to explain where the electroindustry is headed, but to shape the policy and market debates affecting our members.

This work equipped NEMA leaders, members, and partners with credible data, practical solutions, and compelling arguments to take directly to policymakers, reporters, and other influential audiences.

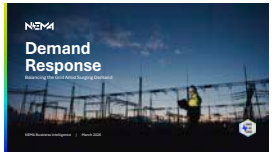
NEMA 2026 Thought Leadership Pieces



A Reliable Grid for an Electric Future: *NEMA's Grid Reliability Study*



Behind-the-Meter (BTM): *Expanding Capacity Beyond the Grid*



Demand Response: *Balancing the Grid Amid Surging Demand*



Vehicle-to-Home (V2H) Bidirectional Power Transfer



Grid-Enhancing Technologies: *GETs can Expand Power Capacity Quickly*



Business Case for High-Performance Building Investment



Smart Manufacturing: *Quantifying the Economic and Operational Upside*

Thought leadership boosted reporter engagement and NEMA media coverage

Turning Thought Leadership Into Visibility and Influence

Thought leadership helped drive NEMA's growing media presence. As of October 2026, NEMA generated 2,345 media mentions, with NEMA leaders and priorities featured in national, regional, and industry outlets.

2,345
Media Mentions

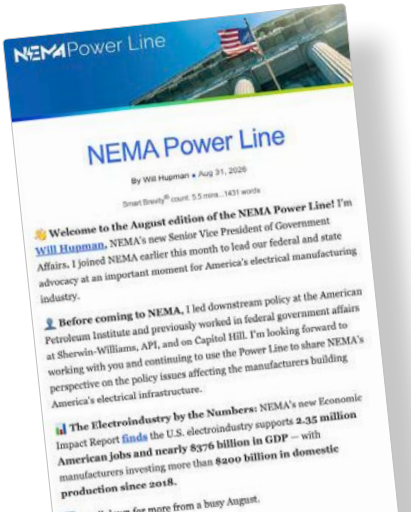
AXIOS · Bloomberg TELEVISION · ENR Engineering News-Record · FINANCIAL TIMES · POLITICO · The New York Times · UTILITY DIVE · THE WALL STREET JOURNAL.

Advancing the Electroindustry's Voice



On the Stage

As of October 2026, NEMA leaders participated in **50+ speaking engagements**.



Direct to Capitol Hill

3,000+
Capitol Hill and Trump Administration staffers reached

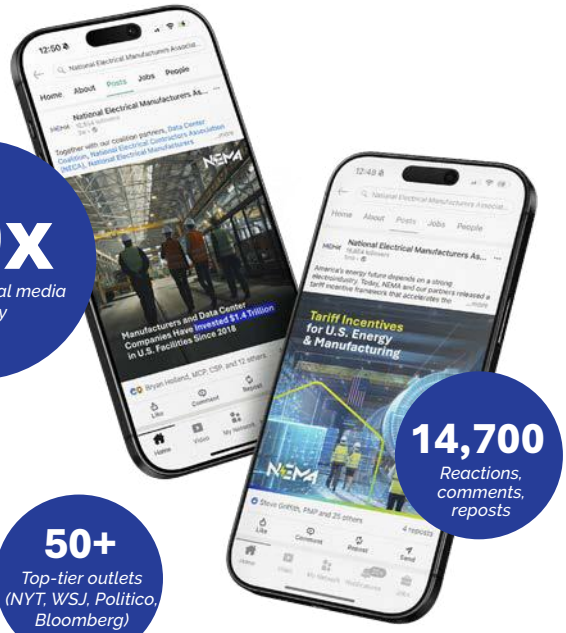
Launched NEMA Power Line, a recurring communications channel reaching thousands of Capitol Hill and Trump Administration staffers. Power Line maintained an average open rate of approximately 50% — performing well above typical 30% benchmarks.

Maximizing Our Impact

Media Impact

2025		2026
250K *Reported social media views*	→	**10.2M** *Social media impressions (LinkedIn, X)*
200+ *Earned media placements*	→	**250+** *Earned media placements (articles quoting NEMA)*
4.2B *Earned media impressions*	→	**7B** *Earned media impressions*

40x
Growth in social media visibility



14,700
Reactions, comments, reposts

50+
Top-tier outlets (NYT, WSJ, Politico, Bloomberg)

Reaching the Audiences That Matter

NEMA's first major industry awareness campaign launched in May, generating 20.9 million impressions, more than 165,000 visits to NEMA's website, and 65% target-audience penetration on LinkedIn.

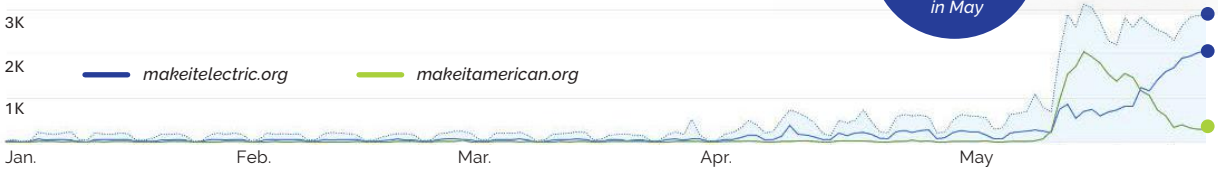
The campaign highlighted the electroindustry's economic impact and the growing reach of Make It American®, helping strengthen NEMA's influence with policymakers and build support for policies that advance domestic manufacturing.

- **20.9M** *Campaign Impressions*
- **5M+** *Unique users reached through paid media*
- **1.6M** *Completed campaign video views*



900%
Day over day web traffic increase in May

Campaign Effect on Web Views



A Growing Electroindustry and NEMA







NEMA welcomed **38 new member companies** in 2026.

Importantly, **22 of the new members were small and medium-sized manufacturers**, expanding the range of companies and perspectives represented within NEMA.

The new members reflect the breadth of today's electroindustry — from energy storage and grid technologies to wire and cable, electrical safety, transportation and building systems.



22
New small and medium-sized manufacturers

5
New associate members

Product Profiles of New Members

- *Cross-Sector*
- *Industrial/Core*
- *Grid*
- *Associate Member*
- *Built Environment*
- *Mobility*

Welcome New Members

AERIUM, alanwire, axiom, BASE, DENSO, DITEK, ENCLOSURES, EM, Franklin Electric, FRANKLINWH, The RJ Family of Companies, HAYDOII, HELION, Infinitum, INTEGRONSYSTEMS, LAPP, LayerZero Power Systems, LS Cable & System, lunar energy, MILBANK, North America Traffic, NEC INC, NEHRING, Noark, PPG, SEIA, Sherwin-Williams, SMARTPLUG, solaredge, SPAN, STÄUBLI, Storion Energy, Tate, TRANE TECHNOLOGIES, TRENCH, TSEA, Universal air filter

*as of October 2026

Setting the Standard for What Comes Next

For 100 years, standards have been at the heart of NEMA's mission

240+
Technical documents published

80%
Success rate in the 2027 IECC cycle

- In 2026, NEMA published more than **240 technical documents** covering technologies from lighting systems to electrical submetering and smart-meter interoperability.
- Notable releases included recommended data center specifications and a five-document safety and resilience suite addressing electrical equipment damaged by weather events.
- NEMA finalized its work on the 2027 International Energy Conservation Code, **achieving an 80% success rate** and advancing priorities related to EV charging, energy management, and lighting.
- NEMA also began work on the 2029 National Electrical Code, **offering 24 amendments**.
- **Agreements in Uruguay, Costa Rica, and Saudi Arabia** extended NEMA's standards reach in key global markets.

Powering the Data Center Era

$1T+
Total investment in America's AI infrastructure

39%
of U.S. GDP growth driven by AI-related investment in 2025

Data centers and AI dominated 2026's energy and infrastructure discussions. NEMA positioned the electroindustry as the essential enabler of that growth, building the equipment that powers data centers, homes, and businesses.

Through the **AI Data Center Energy Performance Framework**, developed with ASHRAE and Pacific Northwest National Laboratory, NEMA advanced a practical approach to meeting rapid load growth while protecting grid reliability, improving efficiency and expanding power availability.

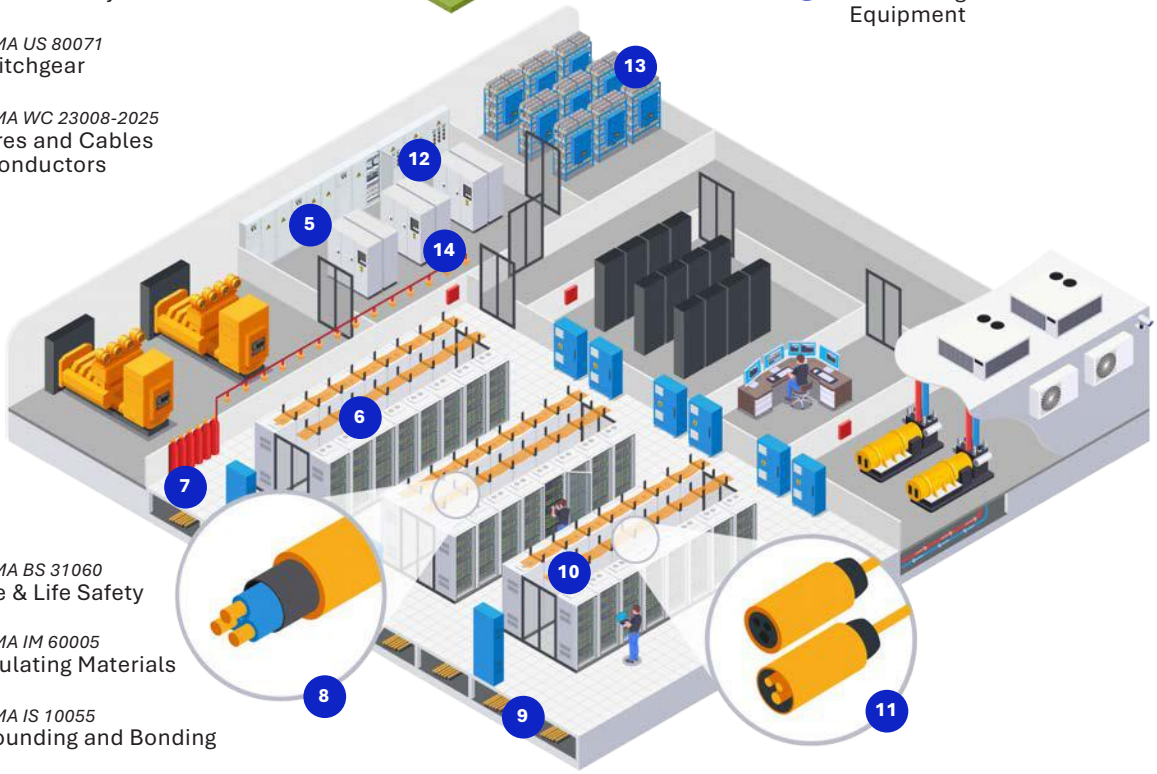
NEMA's message was clear: **America's AI ambitions depend on the electrical infrastructure behind them — and the electroindustry is essential to building that future responsibly.**

NEMA's Equation for AI Dominance

Power Availability + *Supply Chain Certainty* + *Technical Guidance* = *American AI Leadership*

NEMA's Data Center Framework





1. *NEMA US 80075* Microgrid
2. *NEMA US 80074* Energy Storage
3. *NEMA US 80017* Transformers
4. *NEMA BS 31054* Data Center Resiliency and Efficiency
5. *NEMA US 80071* Switchgear
6. *NEMA WC 23008-2025* Wires and Cables / Conductors
7. *NEMA BS 31060* Fire & Life Safety
8. *NEMA IM 60005* Insulating Materials
9. *NEMA IS 10055* Grounding and Bonding
10. *NEMA CS 70015* DC Power
11. *NEMA PR 50094* Pin and Sleeve
12. *NEMA JS 80068* Electricity Metering
13. *NEMA BS 31065* Uninterruptible Power Supplies
14. *NEMA BS 31061* Low-Voltage Distribution Equipment

NEMA 2030

A Strategy for What Comes Next



In February, NEMA's Board approved a new 2030 strategy to position NEMA to maximize value to our members as the electroindustry enters a period of extraordinary change and growth.

The next five years will place our industry at the epicenter of major policy, technology, and energy system shifts. Through this dynamic period, NEMA will continue to drive the narrative on the issues that matter most to our industry, growing our voice as a trusted, principled, bipartisan leader and potent advocate in Washington as well as the states. We will rely on and lean into our roots as a standard setter and technology scaler, serving legacy and emerging electrical technologies with a focus on safety, efficiency, reliability, interoperability, and sustainability. Finally, we will renew our commitment to excellence in serving both our members and staff.

The goal is straightforward: a best-in-class NEMA, maximizing value to members through intelligence, influence, and industry standards.

NEMA Board

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nVent

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= *Executive Committee*

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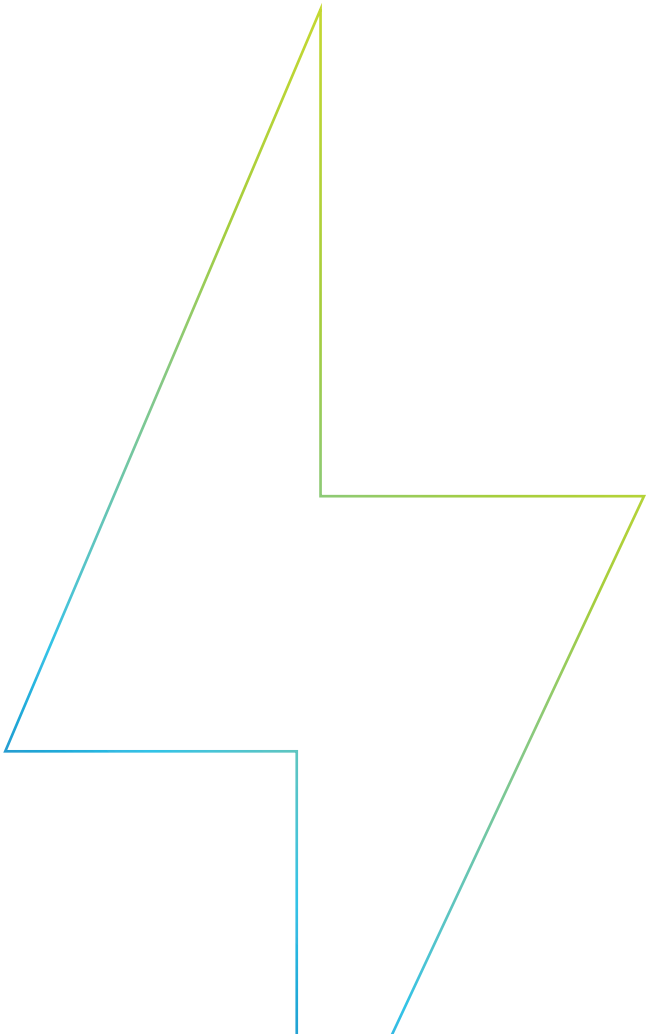
We Make it

CONNECTED
RESILIENT
SAFE
ELECTRIC



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