AEC 2026 Adapting the Course

CONFERENCE AGENDA

November 4–6, 2026 · New York Hilton Midtown · advancedenergyconference.com

ADVANCED ENERGY™ Research and Technology Center AT STONY BROOK UNIVERSITY

WEDNESDAY, NOVEMBER 4

12:00 PM – 6:00 PM — REGISTRATION

1:00 PM – 4:30 PM — PRE-CONFERENCE WORKSHOPS

- Women in Energy
- Tech and Sustainability - New York State
- Securing Data for AI Enablement
- Beyond the Transition: How America's Liquid Fuel Industry Quietly Reinvented Itself
- Power Engineering Education and Workforce Workshop
- Advanced Energy Research and Technology Center (AERTC) Research Insights
- Getting to First of a Kind (FOAK) with NYSERDA

4:30 PM – 6:00 PM — OPENING RECEPTION

THURSDAY, NOVEMBER 5

7:00 AM – 7:00 PM — REGISTRATION AND EXHIBIT FLOOR

7:00 AM – 8:30 AM — BREAKFAST

8:30 AM – 9:45 AM — OPENING PLENARY

- New York's Energy Moment
- Fireside Chat: Dr. Sean Decatur, President of the American Museum of Natural History

9:45 AM – 10:15 AM — NETWORKING BREAK

10:15 AM – 11:30 AM — SESSION I: POLICY PATHWAYS AND STATE ENERGY PLANS

- A Electrification & Load Growth
- B Grid Modernization & Resilience
- C Clean Generation Mix & Emerging Fuels
- D AI, Digital Infrastructure & Grid Intelligence
- E Finance & Markets
- F Tech in Action: Demonstrations & Deployment

11:30 AM – 12:15 PM — NETWORKING BREAK

12:15 PM – 2:00 PM — LUNCH PLENARY

- Keynote: Donnell Rehagen, CEO, Clean Fuels Alliance America
- Innovation Energy Horizon Panel

2:00 PM – 2:30 PM — NETWORKING BREAK

2:30 PM – 3:45 PM — SESSION II: INNOVATION, COMMERCIALIZATION, AND FINANCE

- A Electrification & Load Growth
- B Grid Modernization & Resilience
- C Clean Generation Mix & Emerging Fuels
- D AI, Digital Infrastructure & Grid Intelligence
- E Finance & Markets
- F Tech in Action: Demonstrations & Deployment

3:45 PM – 4:15 PM — NETWORKING BREAK

4:15 PM – 5:30 PM — SESSION III: WORKFORCE AND COMMUNITY IMPACT WITH AN AFFORDABILITY LENS

- A Electrification & Load Growth
- B Grid Modernization & Resilience
- C Clean Generation Mix & Emerging Fuels
- D AI, Digital Infrastructure & Grid Intelligence
- E Finance & Markets
- F Tech in Action: Demonstrations & Deployment

5:40 PM – 7:00 PM — RECEPTION AND POSTER SESSION

FRIDAY, NOVEMBER 6

7:00 AM – 2:30 PM — REGISTRATION AND EXHIBIT FLOOR

7:00 AM – 8:00 AM — BREAKFAST

8:00 AM – 9:15 AM — BREAKFAST PLENARY

- Keynote
- Utility Roundtable: What Actually Breaks First?

9:00 AM – 9:30 AM — NETWORKING BREAK

9:30 AM – 10:45 AM — SESSION IV: CROSS TRACKS AND DEEPER DIVE SESSIONS

- A Deeper Dive: System Math of the Clean Energy Transition
- B Cross Track: Is the Grid Ready for the Pace of Change?

10:30 AM – 11:15 AM — NETWORKING BREAK

11:15 AM – 12:30 PM — SESSION V: CROSS TRACKS AND DEEPER DIVE SESSIONS

- A Deeper Dive: Who Decides and How Fast?
- B Cross Tracks: Finance or Fantasy?
- C Deeper Dive: Community Trust as Infrastructure

12:30 PM – 1:00 PM — NETWORKING BREAK

1:00 PM – 2:45 PM — LUNCH PLENARY

- Keynote: Hon. Tim Ryan, Co-Chair, Natural Allies for a Clean Energy Future (former Congressman)
- Panel: Nuclear Power in the US: Next Steps?
- Fireside Chat: OpenMinds - The Power of "AND"

2:45 PM — END OF THE CONFERENCE