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Meeting Report

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Report on the 10th International Conference on Global Energy Meet (GEM - 2026)

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The 10th International Conference on Global Energy Meet (GEM - 2026) was successfully held from March 9 - 11, 2026, in Boston, MA, United States, in a hybrid format. The conference brought together researchers, scientists, industry experts, and policymakers from across the globe to explore advancements and emerging trends in the energy sector. Organized by USG United Scientific Group (A 501(c)(3) Non-profit Organization).

The event featured a well-structured program including plenary talks, keynote sessions, and technical presentations, along with networking opportunities. Discussions covered key areas such as renewable energy, smart grids, hydrogen technologies, energy storage, sustainability, and climate change, encouraging collaboration and exchange of ideas among participants.

Program Overview

The three-day program was structured to cover a wide range of themes across all three days, highlighting both current challenges and emerging opportunities in global energy systems.

Day 1: March 9, 2026

Day 1 commenced with the opening ceremony, followed by plenary and keynote sessions focusing on energy-efficient power systems, advanced materials, distributed energy resources, and strategies for transitioning from fossil fuel-based power generation.

The day also featured technical sessions on:

- Energy and Climate Change
- Sustainable Energy
- Hydrogen and Fuel Cells
- Wind Energy and Smart Grids

The day concluded with networking sessions, group interactions, and collaborative discussions among participants.

Day 2: March 10, 2026

Day 2 keynote sessions on hydrogen production, nuclear energy, and net-zero approaches

Key sessions explored:

- Smart Grids and Energy Storage
- Energy Conversion Technologies

- Sustainable Energy and Energy Efficiency
- Artificial intelligence (AI)-enabled and data-driven energy solutions.

A plenary session emphasized the role of innovation in achieving global net-zero carbon emissions. The day concluded with interactive discussions and networking opportunities among attendees.

Day 3: March 11, 2026

The final day, conducted virtually, included keynote sessions along with technical presentations focusing on energy transition and future energy systems.

Sessions covered:

- Low-carbon Power Generation Technologies
- Energy Efficiency and Policy Frameworks
- Solar Thermal and Photovoltaic Systems
- Natural Gas System Optimization using Advanced Technologies
- AI-driven Approaches for Energy Systems
- Sustainable Energy Access and Economic Considerations

The day concluded with discussion and closing remarks, marking the end of the conference.

Conclusion

The 10th International Conference on GEM - 2026 was more than just a conference-it was a dynamic platform for innovation, collaboration, and scientific exchange in the global energy sector. From renewable energy advancements and hydrogen technologies to energy efficiency and climate strategies, the event offered a comprehensive perspective on the future of energy.

We extend our sincere gratitude to all participants, speakers, and partners for making GEM - 2026 a remarkable success.

We are pleased to announce that the 11th International Conference on Global Energy Meet (GEM - 2027) will be held from February 17 - 19, 2027, in Houston, TX, United States.

We look forward to welcoming you to the GEM - 2027 as we continue to drive innovation and collaboration in the global energy sector.