Joint Statement of the 2025 International Electricity Summit Japan
Sendai, Japan
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Industry leaders from Australia, Canada, Europe, the United States, and Japan gathered in Sendai to explore mutual opportunities and challenges for the industry given the current geopolitical and global energy environment. Participants agreed on the importance of simultaneously achieving stable energy supplies, affordable price levels, and emission reductions goals while outlining industry responsibilities and viable path forward, subject to regional and institutional differences.

Based on our discussions, we, as the leading electric power leaders, will:

- Create a well-balanced electricity mix, securing sufficient low-carbon supply capacity and reliability of the power system to address the needs of our customers and consumers who demand access to an increasing amount of reliable, affordable and sustainable electricity. This commitment will support customers in the end use sectors, such as industry, transport and heating, to electrify, as well as unlock growth for new types of industrial consumers, like artificial intelligence, data centers and semiconductor plants.

- Harness the proven solutions for carbon emission reductions such as expanding renewables and nuclear [where applicable], enhancing the grids, exploring demand-side measures including demand response, and employing digital technologies to advance the power systems. We also will expand investments to develop and accelerate various technologies such as long-duration storage and hydrogen and/or ammonia combustion and carbon capture storage and utilization to help add new tools that support reliability and emission reduction goals. Since such initiatives come at a cost, it is important for industry and government stakeholders to communicate with the public about how new investments will deliver benefits to customers.

- Reiterate the importance of appropriate and predictable policies that support ongoing investment and sustainable mid- to long-term economic growth. We believe that such policies are vital to maintain and strengthen industrial competitiveness given the evolving and increasingly complex energy landscape. To promote energy security against an uncertain geopolitical landscape, meet the world's growing demand for electricity, and advance emission reductions goals, we must engage with policymakers to formulate effective policies that promote stable, sustainable, and market-based electricity systems.

- Ensure security of electricity supply, in an increasingly complex electricity systems, reliant on growing shares of weather-dependent renewable power generation. This includes, for instance, developing solutions for flexibility to match power generation and consumption, grid enhancement, ensuring the necessary system services, ensuring a resilient procurement of fuels, such as nuclear and LNG [where applicable], and securing reliable supply chains for key equipment.

- Reaffirm our commitment to bolster the resilience of the facilities, preparing for all risks that could undermine stable supply or threaten our critical systems. The increasing frequency and severity of extreme weather events and climate related natural disasters, and the growing complexity and sophistication of physical and cyber threats to our grids, necessitate action.

- Collaborate with the public sector leaders to expedite permitting and construction timelines, strengthening large-scale grids, and fostering environments that support large-scale energy investments. This is an essential step in ensuring capacity assets are deployed at the needed speed and scale.

- Expedite our research and development work to implement promising innovative technologies at scale, maximizing the expertise and strengths of respective regions. Carbon-neutral technologies will play a critical role in achieving reliability and emission-reduction goals; and we will work steadily on proving the economic viability of such technologies, creating durable supply chains, and training the skilled professionals who will lead the way to our energy future. We also commit to attracting, developing, and retaining talent to serve the emerging needs of the industry and our customers.

These actions will support highly reliable energy supply systems and accommodate evolving social and economic dynamics around the world.