

UEGCL HOSTS 2ND RESEARCH AND INNOVATION SYMPOSIUM TO ADVANCE EFFICIENCY IN POWER GENERATION.

3rd April 2025 – Kampala, Uganda.

Uganda Electricity Generation Company Limited (UEGCL) has successfully convened the 2nd edition of its Research and Innovation Symposium, held under the theme: “*Driving Innovative Solutions for Efficient Operation and Maintenance in Power Generation.*” The event brought together key stakeholders from the energy sector, academia, and the innovation ecosystem to exchange ideas and showcase progressive solutions aimed at improving the performance and sustainability of Uganda’s electricity-generation infrastructure.

This informative event reaffirmed UEGCL’s commitment to fostering a culture of research and innovation as a strategic approach to addressing sectoral challenges, including digital transformation, climate change, artificial intelligence, and the evolving landscape of energy demand and supply. Through various thematic discussions and technical presentations, participants explored how innovation can be harnessed to optimise operations, reduce costs, and enhance reliability across power generation facilities.

During her opening remarks, the Minister of Energy and Mineral Development – Hon. Ruth Nankabirwa Ssentamu expressed optimism for the future of Uganda’s energy sector. “The future of Uganda’s energy sector depends on our ability to innovate, collaborate, and implement sustainable solutions and, as such, our Government remains fully committed to supporting research that drives efficiency and resilience in power generation,” said Nankabirwa.

Eng. Proscovia Margaret Njuki, Chairperson of the UEGCL Board further resounded the Board’s support for the symposium. “Research and innovation are key enablers of efficiency in power generation, and as a Board, we are committed to fostering a culture that turns ideas into impactful solutions,” said Eng. Njuki.

The Symposium featured expert discussions on innovative approaches to optimising Hydro and Thermal power generation through predictive maintenance, renewable energy integration, and digital technologies. It showcased cutting-edge AI-driven solutions and data analytics for enhanced plant efficiency. The event also reaffirmed UEGCL’s commitment to human capital development through academic partnerships and staff training. It further highlighted the need for enabling policy and regulatory frameworks to support sector innovation. During the 2-day event, UEGCL demonstrated its technical competence and regional service delivery potential through the operationalization of its Professional Services Unit.

UEGCL remains steadfast in its mission to deliver reliable, sustainable, and efficient electricity generation. Building on the insights and recommendations from the symposium, the company will continue to leverage innovation and strategic partnerships to meet the nation’s growing energy needs. UEGCL will also maintain its focus on developing homegrown solutions that align with national development priorities, including Vision 2040.

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