

Session Title: Energy System Integration

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Abstract title: Mission Innovation phase 2 – The Green Powered Future Mission

Innovation is crucial to achieve net-zero targets by mid-century and in the Mission Innovation second phase all involved countries confirmed their commitment to further increase investments in clean energy innovation and to establish public-private partnerships, “Missions”, to exploit all opportunities and resources to accelerate the development of sustainable, affordable and reliable innovative solutions.

In this framework, the Green Powered Future Mission, the “Power Mission” launched in June 2021, aims to demonstrate that by 2030 power systems, in different geographies and climates, are able to effectively integrate up to 100% variable renewable energies in their generation mix and maintain a cost-efficient, accessible, secure and resilient system.