

Study Committee C5 Poster Session 1 (8:30-10:30)

Poster Locations

PS1 - Market designs and non-market approaches to support the energy transition

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12295	Evaluating Colombia's Regulatory Framework for Distributed Renewables in Energy Communities: Insights from a Genetic Algorithm Approach	23
13959	Comparative analysis of the parameters needed to define the security of supply indicator and its application in the implementation of capacity mechanisms in different European	8
12557	Interconnection in Ireland - The Transformative Impact of Greenlink on the Single Electricity Market	25
11215	Designing EAC Markets for the Energy Transition: Navigating Between Voluntary Incentives and Regulatory Signals	9
12638	Procurement of Ancillary Services from a Market Perspective - Transition to a Market-Based Mechanism in Serbia	27
11295	Market Effects of Wind and Solar Growth in Brazil: Price and Regulation Signals, Curtailment, and the Role of Hydropower Flexibility	13
11297	Distributed Energy Resources and Brazil's transition to a fully liberalized electricity market	14
13990	"Energy Storage and Market Evolution: Regulatory, Operational and Economic Dimensions for the Brazilian Power Sector"	11
10909	Simulating the Energy Transition: a Market-Oriented Approach with the ATLAS Model	4
11298	The Regulatory Role Of Battery Energy Storage In Brazil: Gaps And Opportunities	15
11286	Energy Hubs in Brazil: A Proposal for Feasibility Assessment Using Real Options Analysis	10
10751	Assessing Capacity Accreditation Choice on Resource Mix Outcomes	3
12559	Evolution of the Generation Portfolio in Ireland and Northern Ireland – a Historical Perspective on Recent Developments	26
12467	Analysis and Modelling of Cost-Sharing for Remedial Actions in Internationally Coordinated Congestion Management	24

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10973	An Integrated Market and Non-Market Approaches for Promoting Green Transformation and Digital Transformation in Japan	6
13762	Bridging Renewable Ambition with Grid Economics: India's Transmission Cost Allocation Model	1
11524	Study on China's market participation model for aggregated distributed photovoltaic resources based on multi-agent credit assessment	40
11929	Long term load forecasting for sustainable electricity market and regulation in Jordan	19
12236	Network and market analysis of potential grid investments in the European Single Day-Ahead Flow-Based Market Coupling	22
11738	Impact of Economic Incentives in the Power System on Small Companies	18
11294	Enhancing Predictive Models for Bid Discounts in Brazilian Transmission Auctions: Integrating Technical Variables, Temporal Dynamics, and Strategic Bidder Information	12
11973	Low-capex incentive-based demand response scheme for conventional distribution networks	20
14166	Market & Regulatory Unbundling in South Africa Lessons from Telecommunications for the Electricity Energy Transition	7
11977	The Regulatory and Economic Conditions for Self-consumption Development in Bosnia and Herzegovina	21
10594	Monetization through Securitization of Cash Flows as an Innovative Financing Mechanism for development of Infrastructure Projects in India	2

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PS2 - Developing reliable price signals and regulations across the value chain

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11299	Regulatory Enhancements for the Operational Sustainability of Transmission Systems in Severely Polluted Environments	16
10494	Incentivising Flexibility from transmission-connected Loads to increase Network Utilisation and Capacity	28
11212	Realizing the Value of Vehicle-to-Grid for Industrial Consumers: Investment Viability and Market Design Considerations	35
10495	Incorporating a Market-based Rate of Change of Frequency Control Ancillary Service in Nodal Electricity Markets	29
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11523	Impacts of cooperative and competitive participation modes of battery energy storage systems on electricity markets	39
11527	Extreme Load Interval Estimation based on User Equilibrium under Demand Response Uncertainty	41
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Study Committee C5 Poster Session 2 (10:30-12:30)

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PS1 - Market designs and non-market approaches to support the energy transition

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PS2 - Developing reliable price signals and regulations across the value chain

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12192	Energy Resilience Alternative: Case Study of Implementation in Colombia	10
13493	Demand as an Active Agent: Comparison Between Colombia and the United Kingdom's Electricity Market	5
12151	Study of Offer Dynamics in the Colombian Electricity Market Using the Residual Supply Index	8
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12271	Securing Energy Supply in Interconnected Regional Markets: Lessons from the Andean and European Systems facing scarcity	12
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