

# Results of the Hybrid Renewable Energy Forecasting and Trading Competition 2024

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Forecasting production from wind and solar power plants, and making effective decisions under forecast uncertainty, are essential capabilities in low-carbon energy systems. The Hybrid Energy Forecasting and Trading Competition is the latest in a series of energy forecasting competitions organised by members of the International Institute of Forecasters and IEEE Power & Energy Society. Over 150 teams registered to participate and compete for a share of the \$21,000 prize pot.

This competition required participants to develop energy forecasting and trading techniques and apply them in a real-time setting shadowing the Great Britain electricity system. The competition aims to bridge the gap between academic and industry practice, promote energy analytics and data science education, and ultimately accelerate the global transition to net-zero.

This talk will describe the competition and analyse its results. Also in this session, members of winning teams will present their prize-winning approaches. For further details, see the competition webpage (<https://ieee-dataport.org/competitions/hybrid-energy-forecasting-and-trading-competition>).