



Forecasting for Energy Resilience

ECMWF, Reading

Wednesday 25 September 2024, 13:00 – 16:30

Abstract

In a changing climate landscape, accurate forecasting becomes paramount for the energy sector's stability and growth. This event will explore the role of medium-range prediction in enhancing the profitability and utilization of renewable energy sources. Discover how improved forecasting accuracy can mitigate risks, optimize resource allocation, and inform strategic decision-making processes. Delve into the findings from the State of the Climate for the UK Energy Sector Report, offering invaluable insights into climate trends and their direct impact on energy operations. Experts from ECMWF and the Met Office will highlight forecasting validity/variability to the dynamic events of 2023. Speakers from industry will share firsthand experiences and best practices in leveraging forecasts to optimize energy production and resilience.

Meeting Organisers – Dafni Sifnioti and Mark Rodwell

13:00	Registration & Refreshments	
13:25	Welcome and Introduction	Liz Bentley, FRMetS, CEO RMetsS
13:30	State of the Climate for the UK Energy Sector 2023 - 2024	Ben Hutchins, University of Reading
14:00	Met Office Forecasting for Energy	Emily Wallace, CMet, Met Office
14:30	Refreshment Break	
15:00	Forecasting Challenges for Operations on Offshore Windfarms	Chris Bell, WeatherQuest
15:30	Re-analysis and Forecasting for Energy	Mark Rodwell, FRMetS, ECMWF
16:00	Q&A/Networking	
16:30	Meeting Close	

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This meeting is part of the Royal Meteorological Society National Meetings programme, open to all, from expert to enthusiast, for topical discussions on the latest advances in weather and climate. Non-members are welcome to attend these meetings.