

Science for All

The Challenges of Green Electricity for the National Grid

By Ian Shardlow

Thursday, September 17th at 10:15 am in the Juniper Room



Admission : £2.00

The UK became the first G7 country to completely end its reliance on coal-fired electricity generation in 2012. Since then, increasing and changing energy demands for electric vehicles, heat pumps, and data centres have presented often unforeseen challenges for the provision of green electricity by the National Grid. Ian Shardlow will explore how the National Grid is changing to meet this demand. The presentation will conclude with a live data demonstration on electricity usage, carbon dioxide content, and the cost of grid cutbacks.

The speaker, Ian Shardlow, is from Lichfield u3a, and gained extensive experience and knowledge of National Grid operations during his years at Cable and Wireless/Vodafone.