Predicting Gas Demand Across The UK Network

Jon Emery, Network Analyst - National Grid

Jon is employed as a network analyst in gas transmission. He is a member of the research and development team investigating future challenges which can range from political disputes to forecasting demand. Jon's research at the Institute of Cosmology and Gravitation (ICG) involved mathematically modelling the early universe. In developing models, Jon made assumptions, defined conditions and then compared the results to the available cosmological data. At the National Grid, Jon is using these same techniques to model the gas transmission network.

"The research skills I gained while studying my PhD have proved invaluable; being able to research a problem's background, develop innovative solutions and then communicate the results clearly"