

THOMAS LOWE GRAY LECTURE 2019 INNOVATIONS IN PUMPED STORAGE

Institution of
**MECHANICAL
ENGINEERS**

16 May 2019
One Birdcage Walk, London

PRESENTED BY:

Mike McWilliams
Energy Advisor,
McWilliams Energy

Book your place at:
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Lecture
Process Division

THOMAS LOWE GRAY LECTURE 2019: INNOVATIONS IN PUMPED STORAGE

16 May 2019, One Birdcage Walk, London

JOIN THE THOMAS LOWE GRAY ANNUAL LECTURE TO DISCUSS THE FUTURE OF PUMPED STORAGE.

The transition of our power systems requires security, stability and sustainability, for which pumped storage is the best technology. Traditional pumped storage is dependent on the characteristics of its site, meaning it is often not optimally located and may be uneconomic. The innovative LAPS concept, locating the scheme deep underground, enables grid scale pumped storage to be located anywhere to suit the system.

Attend this year's prestigious Thomas Lowe Gray lecture to hear how the conjoined operation of batteries, use of desalinated water and the new FELT financing concept provide great flexibility in delivering pumped storage at any location. This is a key opportunity to learn about innovations that allow it to be constructed anywhere, enabling pumped storage to support increased penetration of renewable generation on power systems across the globe.

PROGRAMME

- 18:00** Registration
- 18:30** Lecture begins
- 19:10** Q&A session
- 19:30** Lecture ends

FOR MORE INFORMATION:

VISIT: www.imeche.org/thomaslowegray
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EMAIL: eventenquiries@imeche.org

MIKE MCWILLIAMS

Energy Advisor, McWilliams Energy

Mike is a renowned industry expert with 40 years of experience specialising in power planning, renewable energy, hybrid systems and commercial aspects of generation. He is currently Head of Energy at CEBR, one of London's foremost economic consultancies and Senior Advisor on hydropower to Mott MacDonald, a USD 2 bn global engineering and development consultancy. He is also Senior Advisor to the Global Solutions Group on Hydropower and Dams of World Bank, where Mike advises on strategy and planning. Mike has conceived the innovative infrastructure development model FELT (Finance, Engineer, Lease and Transfer)

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