

SET Seminar Series

Wednesday, 16<sup>th</sup> November 2016

1-2pm, Cockcroft Building 712



University of Brighton

School of Environment  
and Technology

# Liquid Air Energy Storage

## Boosting efficiency of energy storage by using gravel

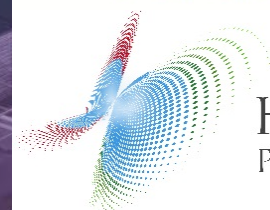
A KTP collaboration



Tim Gardhouse

KTP Associate  
University of Brighton

Knowledge Transfer  
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POWER STORAGE

**Abstract:** Liquid air can be used as a grid-level energy storage medium where the gravel-based cold store has a relevant impact on its efficiency. This seminar covers the characterization of the gravel and the evaluation of the performance characteristics of the cold store through experiment and simulation.

**About the Speaker:** Tim is a KTP Associate with Highview Power Storage and the University of Brighton. Highview specialize in developing large-scale energy storage solutions for utility and distributed power systems. Tim is also PhD Student at University of Brighton.