

# PITA Training & Conferences

**Kate Leach presents . . . .**

## **“Energy Optimisation”**

**Essential Cost Saving Knowledge for All involved in the Paper Industry**

**26<sup>th</sup> & 27<sup>th</sup> February 2019 / PITA Office / Bury**



This **Intensive Two Day Course** focuses on **Modern Energy Optimisation Techniques** specifically relevant to the production of Paper, Fibre-based Packaging Products and Converting. Starting from an up to date overview of the Energy Market, the course provides essential background knowledge for anyone (manufacturer or supplier) who is involved in the implementation of **Energy Saving / Carbon Emissions Reduction** strategies throughout the Fibrous Forest Products Sector. The content of this course is highly interactive, allowing the discussion to focus on the key areas of interest relevant to the attendees.

*A great primer/motivator for those looking to increase Energy Efficiency.*

### **Day One:**

- **Energy & Trends:** A look at energy trends locally and globally.
- **Motors:** Understanding how motors work, to make them work more efficiently in our mills.
- **Context & Scale:** Looking at energy use in the Home, Office and Industry.
- **Processing & Pumping Efficiency:** Learning how to spot process inefficiencies in pumps.

### **Day Two:**

- **Dewatering:** Relative costs of water removal throughout the papermaking process, how small changes can bring about big savings.
- **Employee Engagement:** The importance of involving the whole workforce in energy optimisation and some tools to do this.
- **Compressed Air:** How to ensure one of the largest single energy users in the mill is working optimally.
- **Refining:** A background to refining leading on to an understanding of how to optimise refining results whilst minimising energy requirements.
- **Energy Generation:** Generation options for the paper industry (including: heat exchangers and steam systems).

**Only £650 (plus VAT) per person, including full course notes, refreshments & six months complimentary membership of PITA. Member discounts apply.**

**For further details & to book your place on this course, contact Helen in the PITA Office (0300 3020 150 / [helen@pita.org.uk](mailto:helen@pita.org.uk))**

**Paper  
Industry  
Technical  
Association**

*Kate is an effective and entertaining trainer with a thorough and grounded knowledge of papermaking processes with good insight into the world of soft tissue manufacture.*

*I can honestly say that after 38 years in the paper industry and having attended a large number of courses this was truly one of the best both in terms of content and supporting material.*



5 Frecheville Court  
Bury  
Lancashire  
BL9 0UF

Tel: 0300 3020 150  
If calling from outside  
the UK: +44 161 764 5858  
Fax: 0300 3020 160  
E-mail: [info@pita.co.uk](mailto:info@pita.co.uk)