

# ENERGY WEBINAR SERIES -

## 1. Introduction to Energy

Plastics New Zealand, in collaboration with EECA, present the first in a series of energy webinars.

**Date:** 10 May, 2017 2:00pm - 3:00pm

**Venue:** Online via webinar

**Cost:** Free for Plastics NZ members, \$50 non-members

Do you know the difference between a kW and a kWh? Understand what power factor is? Want to know what the jargon on your power bill means? Want to arm yourself with some basics on energy to help you deal with equipment salespeople and energy companies?

This webinar will give you a good technical background on real world energy basics - invaluable for business owners, accountants, general managers and operations managers.

This 1-hour Plastics NZ webinar will cover:

- Measurements used for energy
- Understanding your electricity bill
- The difference between time-of-use and non-time-of-use accounts
- Power factor and options for correcting it
- Tracking your energy performance - how to normalise data it so it actually means something
- Q & A (15 minutes)

### [REGISTER HERE](#)

The registration process will guide you through everything you need to do to participate in the webinar from the comfort of your own desktop, including checking your system capabilities and adding all the details to your calendar.

**Presented by:** Sam Fairley, Senior Energy Consultant, Energy NZ Ltd

Sam holds a Bachelor of Engineering (Mechanical), specialising in thermodynamics and digital and computer control systems. He is a certified Level 1 Airborne Ultrasound technician and a Member of IPENZ.



Sam specialises in industrial efficiency projects and has led comprehensive energy audits at more than 50 plastics manufacturing sites in NZ and Australia.

## PNZ WEBINAR SERIES 2017

Increase your technical knowledge of energy using parts of plastics manufacturing. Learn how to look for savings opportunities. Hear from specialists in the field of energy efficiency.

10 May 2017 INTRODUCTION TO ENERGY

27 June 2017 COMPRESSED AIR

tbc CHILLERS AND COOLING WATER

tbc PUMPS & FANS

tbc LIGHTING

tbc PLASTICS ENERGY MANAGEMENT

