



Generator Sizing

Objective:

To understand the factors and considerations involved when accurately determining the size of a diesel generator(s) to meet your power requirement.

Who should attend the course?

Consultants, designers and electrical estimators/contractors who work within the power generation market.

Agenda:

- Identify sizing considerations/restrictions
- Understanding load profile
- Types of load
- Performance requirements
- Load scheduling
- Where to get sizing assistance
- Selecting your diesel generator

Duration: 30 – 60 minutes plus discussion time

Instructor:

The course will be delivered by one of the below trainers:

Clinton Noble

Clinton Noble has a Bachelor of Honors Degree in Mechanical Engineering and is an Associate Member of the IMEMechE.

Clinton has 14 years of experience in the diesel generator business and has held roles as Project Manager, Senior Technical Sales Manager and Sales Manager.

Clinton joined Finning in 2012 as Sales Manager for diesel generators specialising in the UK data center market.

Clinton has completed many product specific training courses within Caterpillar, Emerson, Chloride and Cummins, and is currently working towards chartered status.

Philip McMath

Philip McMath has a HND in Electrical & Electronic Engineering, completed at The Belfast Institute of Further & Higher Education.

Philip has 19 years' experience in the power generation sector starting as a generator QA test engineer at FG Wilson Ltd. Previous roles at FG Wilson also include Application Sales Engineer and Solutions Sales Engineer before a move to McCormick McNaughton Ltd as Sales Manager Diesel Power Generation.

Philip joined Finning in 2010 as a Sales Manager - Diesel Power Generation where his main role is to support end client and consultants in the development of their standby and power generation requirements.

Philip has completed a number of Caterpillar certified product training courses during his time in the Caterpillar family.

John Kennedy

John Kennedy has over 35 years' experience in the power generation industry. Positions have included commissioning engineer, design manager, sales engineer, regional sales manager and sales manager.

Employers since 1978 include O'Brien Machinery, McCormick Macnaughton (Irish Caterpillar dealer), Cummins, FG Wilson and currently Finning where John is Market Sector Manager - Diesel Power Solutions.

John has completed a number of Caterpillar certified product training courses during his employment with Caterpillar dealers and holds a Graduateship and a MSc in Marketing.

Ian Wilcoxson

Ian Wilcoxson has an HND in Mechanical Engineering and has worked on major engineering projects including the installation and commissioning of the main turbines and generators at Sizewell B Nuclear Power Station.

Ian has 27 years' experience in the electrical & mechanical engineering sector, in that time he has spent 17 years in technical sales roles and for the last 6 years working in the power generation sector.

Ian joined Finning in 2009 as a UK Sales Manager for Finning Diesel Power Generation and now holds the position of Market Sector Manager – Datacentre Power Solutions, leading a team of technical sales persons in specifying, design and delivery of diesel power generation projects.

Ian has completed the Caterpillar Engine A&I course in 2010, and has completed a number of Caterpillar certified product training courses.