

# Electricity Market Training Courses



2020

Location		Course	Date	Early Payment Date
Dunedin	ELO	Introduction to the Electricity Market	24 <sup>th</sup> March	20 <sup>th</sup> March
	ELRisk	Hedging Electricity	25 <sup>th</sup> March	
	ELNP1	Nodal Pricing of Electricity	26 <sup>th</sup> March	
Wellington	ELO	Introduction to the Electricity Market	30 <sup>th</sup> June	26 <sup>th</sup> June
	ELRisk	Hedging Electricity	1 <sup>st</sup> July	
	ELNP1	Nodal Pricing of Electricity	2 <sup>nd</sup> July	
Online	ELO	Introduction to the Electricity Market (2 half days)	14 <sup>th</sup> – 15 <sup>th</sup> July	1 <sup>st</sup> July
Dunedin	ELO	Introduction to the Electricity Market	13 <sup>th</sup> October	9 <sup>th</sup> October
	ELRisk	Hedging Electricity	14 <sup>th</sup> October	
	ELNP1	Nodal Pricing of Electricity	15 <sup>th</sup> October	

## Our Public and In-house Courses

2020 public training courses will be held in Dunedin, Wellington or online as shown above. We will run both in-class and online versions of the Introduction course until we have enough information to decide which format(s) we will continue with in future.

We are happy to provide pricing for our standard or customised courses in-house on request. Please contact us at [greg.sise@energylink.co.nz](mailto:greg.sise@energylink.co.nz) or phone 03 477 3572.

## Discounts

- Online courses must be paid in full on the date shown above. This is further in advance of the courses than we would ideally like, but due to delays in getting course booklets couriered to participants, we've had to move the date forward significantly. **The course fee must be paid before we will send the booklet out to you.**
- A discount of 10% is available on three or more seats at courses in the same year when booked at the same time.
- Early payment discount of 10% is also available for payments received up to and including the dates shown above.
- Contact us direct for discounts on group bookings of four or more attendees from one company.

## Registration

Register online (paying by credit card or on invoice) or email or phone us direct. When you register you will also receive a confirmation email and a tax invoice.

## Intended Audience

These courses are intended to form a comprehensive introduction to the wholesale electricity market, with specific reference to, and examples from New Zealand. The emphasis of the courses is on understanding issues relevant to spot and wholesale trading and hedging, and the associated risks. Introduction to the Electricity Market also includes material on the retail electricity market, the frequency keeping market, the reserves market and an example of an electricity hedge.

At each stage of the courses we will use simple examples designed to help participants understand the material presented. Participants will receive course booklets, including answers to exercises.

## Presenter

### Greg Sise, Managing Director, Energy Link

Greg's experience in energy dates back to 1984, when he worked in the Energy Management Unit at the University of Otago developing software for monitoring and controlling energy production and consumption in buildings. He then worked in senior management positions for Univord Energy, a joint venture company arising from the University's energy management program, and its subsidiary Energy Consultants. His activities included tariff optimisation, contract negotiation, energy audits, energy efficiency projects in buildings, risk management and hedging.

In 1996 Greg set up Energy Link as a joint venture with two small power companies. Energy Link provides advisory and brokering services, forecasting, modelling, training, packaged software and online software for the electricity and gas industries including larger consumers.

Greg has contributed to the development of the electricity market as a member of key industry working groups and as Project Manager for the NZEM's Real-time pricing and Demand-side Participation projects. He was a member of the Board of the Energy Efficiency and Conservation Authority, the Crown entity which develops and delivers quality energy efficiency and renewable energy programs to the benefit of New Zealanders, from 2007 to 2010.

## The Investment

- All of our three courses are \$1,095 + GST each, with a 10% discount when you order three or more seats in the same year, and when booked at the same time, e.g. you book all three courses through our web site, or you and a colleague each attend two courses which are booked through the web site.
- Early payment discount of 10% is available on all course purchases when paid in full on or by the relevant early payment date.

## Other Details

- In- person Courses are one full day each in length, commencing at 9:00 am and usually finishing between 4:30 and 5:00 pm. **\*\* Please be ready to start at 9:00 am, or let us know in advance if you will be late.**
- Online courses are run **over 2 consecutive half days**, plus some pre-class preparation time. The half days will start at 8.45 am and finish at 12.30 pm using the Zoom platform. Attendees must ensure that they have available a quiet space, a computer with internet connection and capable of running the Zoom app (screen, microphone and speakers), and access to Google Sheets either on a PC or on a mobile device (we use Google Sheets for exercises and market simulations). Prior to the course, links will be sent to attendees for videos on how to use Google Sheets and, for those who wish to use a mobile device for Google Sheets, how to install and use the app on a mobile device with a touch screen.
- All the prices above are in New Zealand dollars. Goods and services tax (GST) applies when you attend courses in New Zealand. In-house courses outside of New Zealand do not attract GST, but you must first contact us to obtain custom pricing for in-house courses.
- Payments received in full by the specified early payment dates shown above, will qualify for a 10% **discount** on the above rates.
- Invoices will be issued upon registration and if not paid by the early payment date are otherwise payable 20<sup>th</sup> of the month following invoice.

- Discounts may apply for four or more participants from one company. Please contact Greg Sise on 03 477 3572 or [greg.sise@energylink.co.nz](mailto:greg.sise@energylink.co.nz) to arrange a discount for a group booking.
- Registration, tea and coffee from 8:30 am.
- Morning and afternoon teas and lunch will be provided. Special dietary requirements are accommodated.

## Terms and Conditions

- Numbers are limited so you need to book early to ensure your place on any particular course.
- Cancellations will be accepted with full refund up until 5 working days before the workshop. Later cancellations may be refunded less a service charge of 10%, at the sole discretion of Energy Link.
- Energy Link reserves the right to cancel the course at any time if there is insufficient interest, at its sole discretion. Fees will be refunded in full, or an alternative arranged as appropriate, at Energy Link's discretion, if the course is cancelled for any reason. Energy Link shall not be liable for travel, accommodation or any other costs whatsoever, incurred by people who have registered on courses subsequently cancelled.
- All course materials are copyright of Energy Link and may be used only for your internal business purposes. They may not be distributed or copied outside of your organisation without the written permission of Energy Link. Course booklets may not be copied and distributed within your organisation.
- Energy Link takes reasonable care to ensure that the material presented in the course is up to date and accurate. Energy Link's liability in respect of any claim for any loss whatsoever by you is strictly limited to the amount that you paid to attend the course. However, Energy Link will not accept liability for any consequential loss or damage which you may claim occurred as a result of attending the course.
- Course participants are advised that it is their responsibility to ensure that they understand their obligations in respect of undertaking their respective functions and using the information presented in these courses.
- Energy Link welcomes feedback and undertakes to correct, add or otherwise put right, at its sole discretion, any material error or omission brought to its notice in respect of course material, and to distribute the same to course participants at its sole discretion.

## Venues

<p><b><u>Dunedin</u></b>: all courses</p> <p>Level 4, Consultancy House 7 Bond St Dunedin Location map: <a href="#">Consultancy House</a></p>	<p><b><u>Wellington</u></b>: all courses</p> <p>Terrace Conference Centre House 114 The Terrace Wellington Central Location map: <a href="#">Terrace Conference Centre</a></p>	<p><b><u>Online</u></b>: Introduction to the Electricity Market</p> <p>Any location with facilities listed above under "Other Details"</p>
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## What to Bring on the Day

You should bring a calculator and a pen with you.

## Registration and Confirmation

Register on line at our web site [www.energylink.co.nz](http://www.energylink.co.nz) or contact us by email or phone. We will confirm your registration by email prior to course date. If you do not provide us with an email address then we can not guarantee to contact you.

## Options

Energy Link's courses are also available in-house and for markets other than the New Zealand electricity market. We also deliver courses customised for particular audiences or companies.

For more information contact Greg Sise, telephone 03 477 3572 or email [greg.sise@energylink.co.nz](mailto:greg.sise@energylink.co.nz).

## Programs

Course outlines are available at <https://www.energylink.co.nz/energy-market-courses>. We are constantly developing our material so course material may vary from the outline on the day.