

THIRD QUARTER MEETING – 2021

Date: 12 August 2021 **Venue:** Te Wharewaka o Pōneke
Time: 1.30pm – 6.00pm 2 Taranaki Street, Wellington Central
MC: Cathy Lawless – emsTradePoint (on the Whairepo lagoon, near Te Papa)

Agenda

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- 1.10pm **DOORS OPEN:** Registration and networking – tea & coffee
- 1.30pm Introduction, welcome from the MC
Cathy Lawless – *Senior Commodity Markets Analyst*, emsTradePoint
- 1.35pm **The FTR market – what you need to know**
 Financial transmission rights (FTR) are a hedge product designed to help parties manage the risk they face from price differences in wholesale electricity prices. So what are they, how has trading in them evolved since the FTR market started in June 2013, and what could the future hold?
Edward Oosterbaan – *Senior Business Analyst*, Energy Market Services
- 1.50pm **Dynamic Carbon Tracker**
 In the face of a changing climate, DOT Loves Data and emsTradePoint recognise the need for accurate, recent, and actionable insights into greenhouse gas emissions and removals in New Zealand. The Dynamic Carbon Tracker is a tool that provides a real time picture of New Zealand's emissions intensive sectors, with estimates provided between 12 and 24 months in advance of the New Zealand Greenhouse Gas Inventory. By investigating the relationship between emissions intensive activities and their contribution to emissions, the Dynamic Carbon Tracker predicts emissions by sector and nationally, providing timely insights into our progress towards both domestic and international climate targets. Further research and development is underway to develop a model for regionalising these emissions.
Dr Hannah Chorley – *Researcher-Climatologist*, DOT Loves Data

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2.10pm **Market Update | Electricity spot market, hydro, demand, supply, prices over the last quarter**

Alice Beau – Energy Analyst, NZX

2.20pm **Market Update | Energy Link**

Paul Chapman – Manager-Energy Management Services, Energy Link

2.30pm **Energy attribute certificates – a stepping stone for increasing renewables**

Overseas, energy attribute certificate (EAC) markets support the development of new renewable generation and allow users to claim their Scope 2 emissions as zero. Trading of EACs for electricity in New Zealand started in 2018; now, with EACs for renewable gas and hydrogen under development, it's a great time to get an overview and see what the future holds for EAC trading.

Tim Street – Energy Market Analyst, Certified Energy

3.00pm **30-minute networking break – tea & coffee**

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3.30pm **Large Energy User Profiles**

In February 2019 we heard from Hutt City Council and learnt about its climate change risks and plans moving forward to reduce emissions. In 2021, at the Downstream conference, Lower Hutt Mayor Campbell Barry reiterated a commitment to emissions reduction across its operations. Learn about the changes that have been made to energy load and fuel mix and what is yet to come.

Jörn Scherzer – Head of Climate and Waste, Hutt City Council

3.40pm **Market Update | Futures – electricity and gas**

Chris Pugh – Product Development & Sales, ASX

3.50pm **Market Update | Gas Market**

Kerry Wilkins – Markets Manager, emsTradepoint

4.00pm **Market Update | Electricity Authority**

Alistair Dixon – Principal Advisor, Electricity Authority

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4.10pm

Panel: Market design and the quest for 100% renewable “and affordable” electricity

The final advice submitted by the Climate Change Commission, says “The Government’s current 100 per cent renewable electricity target should be treated as aspirational,” (page 279). Can the current market settings enable this future state? If not, what needs to happen?

Discussing the opportunities and challenges are:

- **André Gaylard** – *General Manager Future Generation, Genesis*
- **James Flexman** – *Wholesale Markets Manager, Mercury*
- **James Tipping** – *Chief Strategy Officer, Electricity Authority*
- **Matthew Cleland** – *GM Wholesale Market, Contact*
- **Peter Calderwood** – *General Manager-Strategy and Growth, Trustpower*
- **Sarah Smith** – *Senior Energy Trader, Meridian Energy*
- **Toby Stevenson** – *Director, Sapere Research Group (Facilitator)*

5.00pm

Wrap up from MC and networking drinks

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