

I-SEM Training

SEMOpX Queries

October 2017



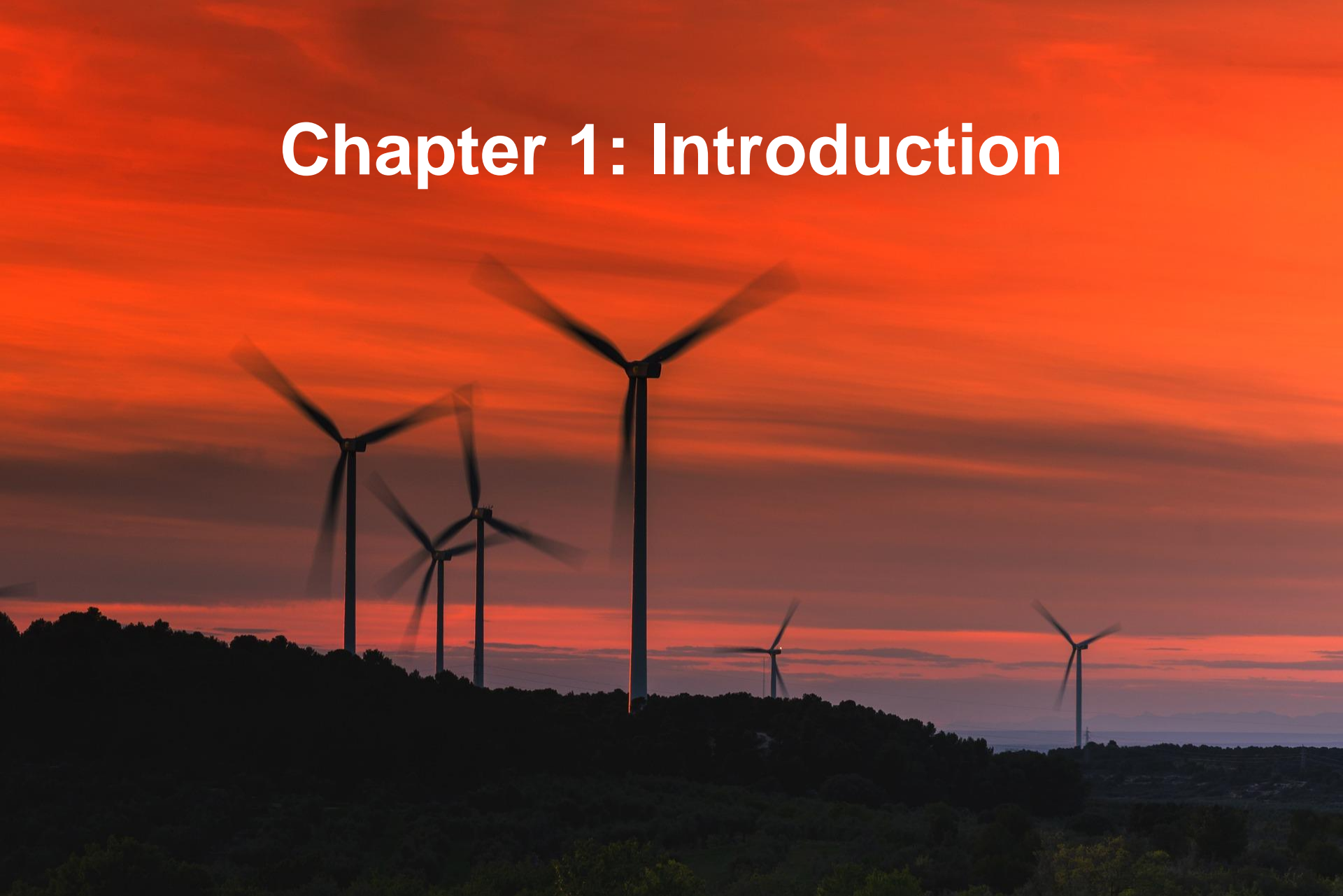
Agenda

- Introduction
- SEMOpX Query Management
- Course Summary

Learning Objectives

- After completing this course, you will have an understanding of:
 - The scope of the SEMOpx query process
 - The high level steps of the SEMOpx query process (including market data items that can be subject to query)
 - The expectations regarding SEMOpx query timeline, working hours and contact details
 - The support offered by EPEX Operations phone line

Chapter 1: Introduction



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The I-SEM High Level Design – *ex-ante Trading*

Capacity

Day-ahead

Intraday

Balancing

TSC
Settlement

- All ex-ante trading must be done through a NEMO.
- This involves trading through an exchange and settlement by a central counterparty (clearing house / clearing member / settlement bank).
- NEMOs will be designated by SEM RAs or allowed to offer “passport” services.
- Commercial offers submitted to NEMOs will be anonymised and sent to central EU algorithm where they are cleared.
- Results are provided back to NEMOs and to Participants.
- For generators, cleared positions from ex-ante markets are represented in the balancing market through their Physical Notifications to the TSOs.

SEMOpX Implementation

- EirGrid and SONI were designated as NEMOs:
 - EirGrid was designated as a NEMO in Ireland
 - SONI was designated as a NEMO in Northern Ireland
- A single solution was decided upon by EirGrid/SONI:
 - In line with the single market for the SEM
 - With one entity to act jointly as both NEMOs
- SEMOpX will act as a NEMO in Ireland and Northern Ireland:
 - Implementation is on-going as part of the I-SEM project

SEMOpX Introduction

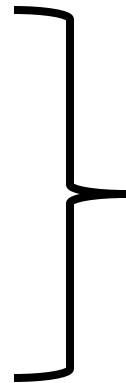
Capacity

Day-ahead

Intraday

Balancing

TSC Settlement



SEMOpX is the exchange operator for EirGrid and SONI NEMOs.

SEMOpX provides exchange operator services for the day-ahead and intraday market segments.

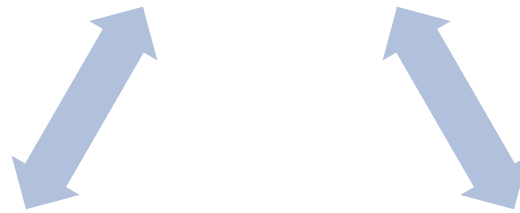
SEMOpX – Service Providers

- SEMOpX have engaged two service providers:
 - EPEX Spot; and
 - ECC
- EPEX Spot support trading services:
 - EPEX Spot provide and support trading systems
 - EPEX Spot perform market coupling services
- ECC act as the central counter party:
 - ECC act as guarantor for all trades on the SEMOpX exchange
 - ECC provide settlement, invoicing and banking services

SEMOpX and Service Providers



Market Operator –
Point of contact for
participants

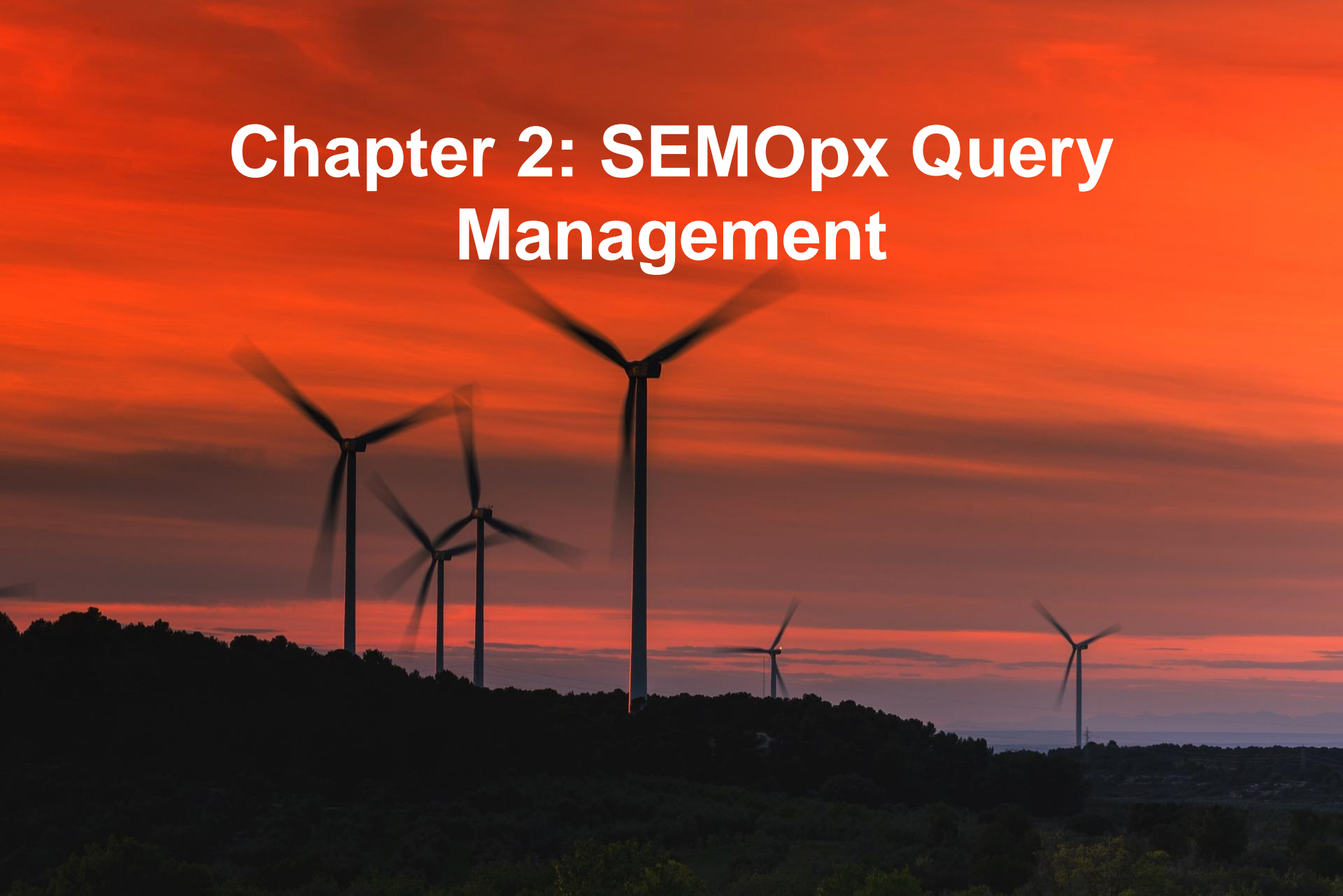


Trading
services



Settlement &
Banking
services

Chapter 2: SEMOpx Query Management



SEMOpX Query Process – Scope

- SEMOpX query process different to SEMO process
- SEMOpX does not have formal queries:
 - No settlement queries
 - No data queries
- All SEMOpX queries are treated as general queries
- SEMOpX dispute process is still applicable

SEMOpX Query Process Overview

- The exchange member raises the query to SEMOpX:
 - Query on data, settlement amounts etc.
- SEMOpX issues a tracking reference number:
 - Unique ID used to track and monitor the query
- SEMOpX co-ordinates the response:
 - Deals with the service providers where necessary
 - Exchange members do not need to contact service providers
- This is illustrated on the next slide

SEMOpX Query Process Overview Diagram



- 1 Participant submits query
- 2 SEMOpX issues tracking number
- 3 SEMOpX co-ordinates response
- 4 SEMOpX issues response

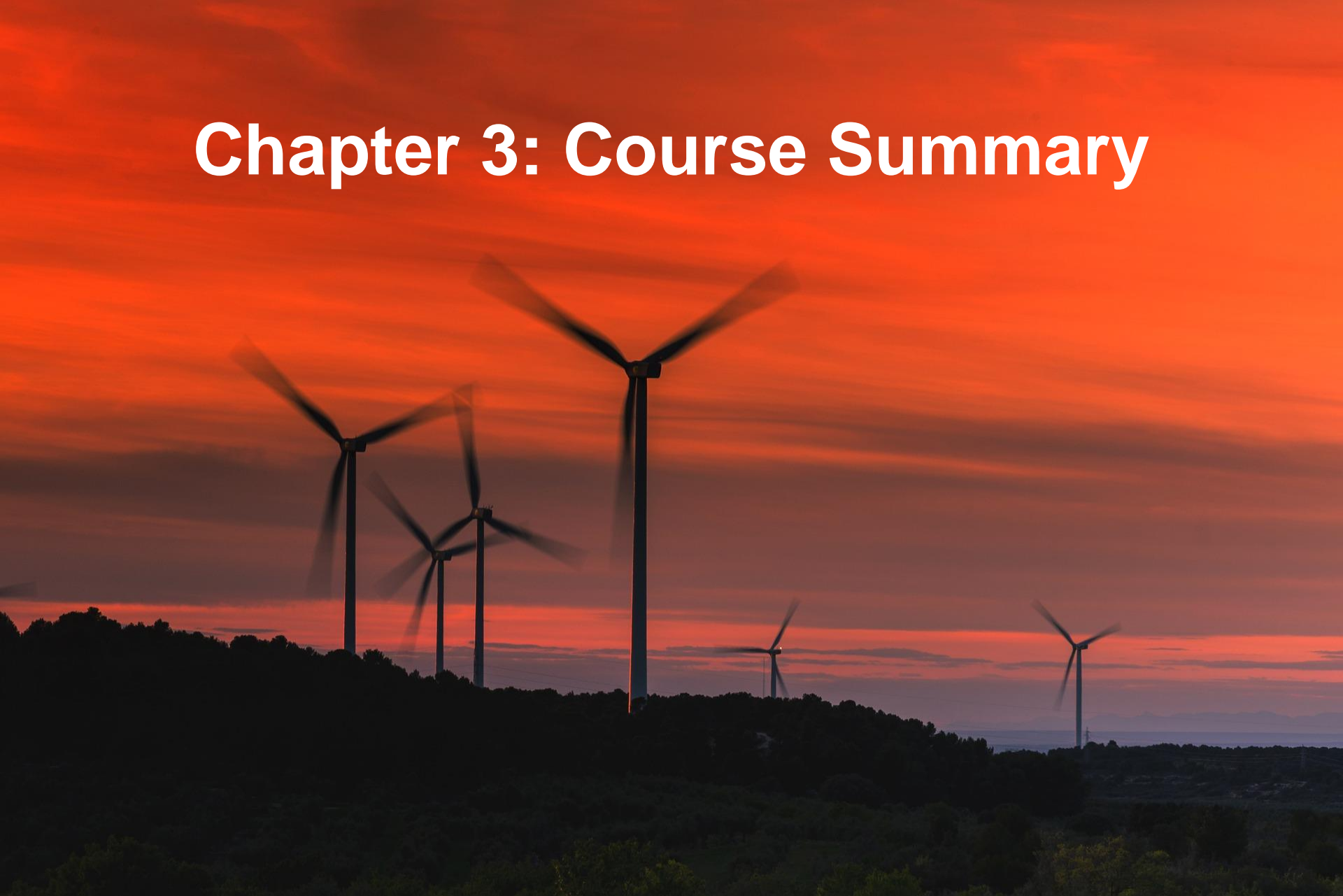
SEMOpX Contact Details

- SEMOpX helpdesk currently being established
- Working hours and contact details to be determined:
 - Will be included as part of the final set of SEMOpX rules and operating procedures
 - Will outline working hours and contact details
 - Expected to be similar to current SEM arrangements
- Contact will be via email and phone
- Query timeline expected to be in line with SEMO queries:
 - SEMO general queries have a timeline of 15WDs for resolution

EPEX Operations Phone Line

- EPEX will provide operational phone line:
 - Direct line to EPEX operators while auction is being run
- This is to support issues with auctions only:
 - E.g. bid submission issues/connectivity issues
 - Only available in hours close to an auction
 - Similar to current SEM operations phone
- Allows for backup processes to be used for issues:
 - Similar to current limited communications failure (LCF) process
- SEMOpx remains contact for general queries

Chapter 3: Course Summary



Review of Learning Objectives

After completing this course you should understand:

The scope of the SEMOpx query process



The high level steps of the SEMOpx query process



The expectations regarding SEMOpx query timeline, working hours and contact details



The support offered by EPEX Operations phone line

