



Join our experts in these  
series of 20 min webinars  
on DER integration

Thursdays 12.00 – 12:20 CET  
March 24<sup>th</sup>, 31<sup>st</sup> & April 28<sup>th</sup>

Register now

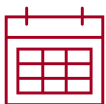


## DISTRIBUTED ENERGY RESOURCES INTEGRATION

#DERM #ANM #VPP

Would you like know how can an ANM help you to connect  
renewable resources safely and effectively?

Electricity networks are fundamentally changing, with the introduction of flexible, low-carbon technologies. We would like to invite you to join us on a series of webinars dedicated to DER integration. We will share a first approach to the **benefits of ANM** systems, how to manage **Virtual Power Plants**, where to choose a **centralised or de-centralised ANM scheme**, etc...



12:00 to 12:20 CET  
including Q&A



Register here   
<https://app.livestorm.co/ziv>

**March 24<sup>th</sup>**  
**ANM / DERMS Benefits**

**March 31<sup>st</sup>**  
**VPP Management**

**March 31<sup>st</sup>**  
**ANM: Centralised or de-Centralised?**

We encourage you to participate.  
However, if your agenda prevents you  
from doing so, do not worry; just by being  
registered you will receive a link to **see  
the webinar on demand.**

Do not miss it ... register now!



Please feel free to circulate this information to your staff or work colleagues that may have an interest in these webinars.

Graham McLean  
Nick Dunn  
Bill Carlyle  
Iñigo Bilbao



Register here  <https://app.livestorm.co/ziv>

ANM – Active Network Management System

DERMS – Distributed Energy Resources Management System

VPP – Virtual Power Plant

## March 24<sup>th</sup> | ANM / DERMS benefits

Let's share 20 minutes to understand what an ANM platform is and its benefits. What do we mean when we say that "ANM is a key tool that enables utilities to maximise renewable generation capacity"?

1. Maximise existing assets
2. Alleviate constraints
3. Minimise network re-enforcement costs
4. Increase network reliability

## March 31<sup>st</sup> | VPPs Management

In this webinar we will focus on Virtual Power Plants (VPP) management, one of the most common applications of ANM systems, as it provides the means to:

- 1) Determine the MW and MVAR available
- 2) Aggregate MW and MVAR capability
- 3) Automate the dispatch of accepted DER services in response to live network conditions.

## April 28<sup>th</sup> | ANM: Centralised or de-Centralised?

The big question is: should you have a Centralised or de-Centralise ANM system?

**Why not buy an ANM system that can do both?** In this webinar we will explain how the ZIV Constellation ANM system can be setup to be a Centralised system, or a small local system, or be expanded from a small system to a large de-centralised ANM system using the same technology:

- 1) Have the flexibility to choose the system you require
- 2) Have the flexibility to evolve your system to meet your changing ANM requirements
- 3) Have the capability to combine separate small de-centralised systems into one big Centralised system

"ZIV Constellation" is a flexible solution designed to help utilities worldwide to reach zero carbon targets by enabling them to connect more renewable resources safely and effectively. It maintains network reliability whilst maximising the performance of existing assets. It provides a platform that will be a key tool for utilities in their transition to a DSO.

