



# Balancing Programme: PEF & ASDP Release Updates

# Platform for Energy Forecasting System Updates



The Platform for Energy Forecasting (PEF), which is being delivered using agile methodology, will replace the legacy Energy Forecasting System (EFS), enabling more efficient decision making ahead of real time.

## Successful delivery of Release 4 of PEF in November 2023

This release enables the transfer of Grid Supply Point (GSP) level embedded solar & wind power generation forecasts data into the Balancing Mechanism (BM). To date we've implemented five GSPs, and aim to incrementally increase the number of GSPs over the coming months.

### Impacts and benefits of this deliverable:

- Supports improved constraints management ahead of real time, reducing the risk of constraints being breached in real time
- Enables less last minute / real time actions in the BM.
- Allows us to support the control room in balancing the network across GB, ultimately delivering significant consumer benefits by supporting reductions in balancing costs estimated at approximately £17m-£28m per annum
- Meets one of our Business Plan 2 milestones re: GSP level PV & wind forecasts

If you are interested in proactively engaging with the Balancing Programme on energy forecasting, please do sign up to Forecasting Working Group via the following link: [Stakeholder Working Group sign-up](#); aims and objectives of the group are outlined on the [ESO website](#).

# Ancillary Services Dispatch Platform System Updates



The Ancillary Services Dispatch Platform (ASDP) has managed Control Room dispatch of instructions to reserve services providers since 2019 for Fast Reserve (FR) and Short-Term Operating Reserve (STOR). More recently it has delivered functionality for the Dynamic Response Services.

## Successful delivery of Release 15 of ASDP in September 2023

In September, Release 15 of ASDP successfully went live with the addition of the new Regional Development Programme (RDP) Megawatt (MW) Dispatch Service - a constraint turn-down service. This service allows the control room to issue instructions to turn down generation to distributed assets in the National Grid Electricity Distribution (NGED) area, which have the relevant condition in their contract and are signed up for the service. This allows distributed assets within the NGED area to connect despite potential network constraints being exacerbated by the connection. MW Dispatch is the fourth service on ASDP.

### Impacts and benefits of this deliverable:

- NGED can offer **earlier connections** to distributed generation assets who participate in the MW Dispatch Service than might otherwise be the case
- Enable connection of **more embedded generation**
- Maintains our Business Plan 2 commitment

The ASDP development team is continuing onto the next release which will see the MW Dispatch solution delivered for UK Power Networks (UKPN), the second and currently last Distribution Network Operator taking part in the service.