

TRADING AND CONTROL POINT SERVICES

Utilising National Grid certified Electronic Data Transfer (EDT) and Electronic Dispatch Logging (EDL) applications, we can ensure our clients meet their Balancing Mechanism grid code obligations.

Key to the delivery of this service is the robust communication infrastructure at our Glasgow city centre location, which was strategically chosen for its full redundancy and back up facilities, ensuring a constant and consistent point of contact.

TRADING POINT

Electronic Data Transfer (EDT) facilitates participation in the Balancing Mechanism market, by the submission of Bid Offer Data to National Grid, prior to gate closure.

- » Operating plans are submitted to National Grid in accordance with UK market regulations, ensuring submissions are made securely and consistently
- » All entries are validated before submission for both accuracy and compliance
- » Entry of half hourly dispatch plans and bid offer price data for Balancing Mechanism Units
- » Configurable alerts highlight exceptions and signal the required actions



POWER FORECASTING

To facilitate EDT, you are required to give National Grid power forecasts (the EDT term for these are 'Physical Notifications' or PNs for short). In order to be EDT compliant, the operator needs to do their best to provide accurate forecasts to National Grid so that they can balance the system.

With our accurate energy forecasting capabilities, owners can fulfil their grid connection obligations and also the potential for additional revenue by providing the optimum forecasts for energy traders.

Operated out of our 24/7 Control Centre, RES offers both trading point and control point operations.



RES has built up decades of industry leading meteorological forecasting expertise for renewable generation.

CONTROL POINT

Electronic Dispatch and Logging (EDL) is an essential tool for transmission connected generation assets that allows National Grid to balance supply and demand on the transmission network.

Management of Electronic Dispatch and Logging (EDL) at our 24/7 Control Centre ensures sites respond to National Grid commands within 2 minutes.

- » Submission of Balancing Mechanism Unit dynamic data to National Grid
- » Communication of Maximum Export Limit (MEL) updates to National Grid
- » Automated acknowledgment, acceptance or rejection of Bid Offer Acceptance instructions from National Grid

POSITION MONITORING

We continuously monitor actual power generation data versus the operating plans submitted to National grid, this ensures generation is at the expected level.

- » Combines EDT and EDL data into a merged set of profiles which can be used for validating incoming EDL instructions and for monitoring actual versus target performance
- » Updated in real time with actual generation and status data
- » Monitoring and notification of any imbalance, enabling prompt remedial action

In our Control Centre, SCADA, EDT and EDL data are all viewed alongside one another for holistic monitoring.



RES is the world's largest independent renewable energy company active in onshore and offshore wind, solar, energy storage and transmission and distribution. At the forefront of the industry for over 35 years, RES has delivered more than 16 GW of renewable energy projects across the globe and supports an operational asset portfolio of 5 GW worldwide for a large client base. Understanding the unique needs of corporate clients, RES has secured 1 GW of power purchase agreements (PPAs) enabling access to energy at the lowest cost.