

## 24/7 CONTROL CENTRE

RES manages 2 GW renewables energy assets internationally for a large range of clients from utilities to private equity funds.

Our highly experienced operators are drawn from the Coastguard, major utilities and wind turbine maintenance. They will maximise the value of your assets by:

- » Identifying issues and acting quickly
- » Maintaining plant to highest industry standards
- » Power forecasting for grid compliance and trading
- » Proactive maintenance linked to condition monitoring

Operating 24/7, 365 days a year, our Control Centre is your eyes and ears to help you proactively manage and optimise plant productivity.



2 GW UNDER  
MANAGEMENT



25 YEARS  
EXPERIENCE



IN-HOUSE  
FORECASTING



INTERNATIONAL  
PORTFOLIO



HIGHLY TRAINED  
OPERATORS

### SITE ACCESS AND WORK CONTROL

Ensuring site access (onshore and offshore) and control of plant is carefully logged and undertaken in accordance with safety procedures.

### MONITORING

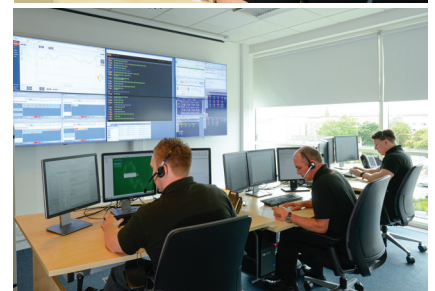
We know the status of every asset that we monitor, from turbine to energy storage battery.

### FAULT ESCALATION

The Control Centre's aim is to keep turbines running. Identifying, escalating and acting quickly to any faults ensures lost production is minimised.

### EMERGENCY RESPONSE

Co-ordinate a full emergency response procedure, should a serious incident occur on-site.



We monitor wind, solar, energy storage and offshore transmission assets.

smart

## VIEW YOUR PORTFOLIO

Our clients also benefit from visibility of the operational data in a clear and customisable format by our in-house developed SMART software (Site Monitoring, Analysis and Reporting Tool). View data and generate performance reports to make sure you know exactly what's happening on your assets.



## TRADING POINT AND CONTROL POINT

RES, with our 24/7 Control Centre, can ensure wind farm owners meet their Balancing Mechanism grid code obligations.

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.

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

- » Validated using 2 GW operational experience
- » High frequency prediction updates to maximise accuracy
- » Sophisticated algorithms used for forecasts

## OUR SERVICE INCLUDES

### TRADING POINT

Using our sophisticated forecasting capabilities, our 24/7 control centre gives forecast generation to the National Grid Electronic Data Transfer (EDT).

### CONTROL POINT

Management of Electronic Dispatch and Logging (EDL) our control centre ensures sites respond to National Grid commands within 2 minutes.

### MAINTENANCE REPORTING

Our control centre reports planned maintenance outages to the National Grid TOGA (Transmission Outage and Generator Availability) system.

### INTEGRATED SERVICE

Our forecasting capability is integrated with our Control Centre's asset performance data capture, site maintenance, weather monitoring and full client reporting capabilities.

### SECURE AND RESILIENT

The Control Centre is housed in a building used by a television broadcaster, STV, and was chosen for the stability of its communications infrastructure.



Confidently achieving grid compliance.

## ABOUT US

RES (Renewable Energy Systems) has developed and/or built over 13 GW of renewable energy capacity worldwide and support an operational portfolio of assets exceeding 3 GW. RES is active in a range of energy technologies including onshore & offshore wind, solar, energy storage and transmission & distribution.



### CALL TO LEARN MORE ABOUT OUR CONTROL CENTRE SERVICES

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