

THREE KEY DIFFERENTIATORS

1. REAL TIME AUTOMATED VALIDATION IN RESPONSE TO PHYSICAL SIGNALS

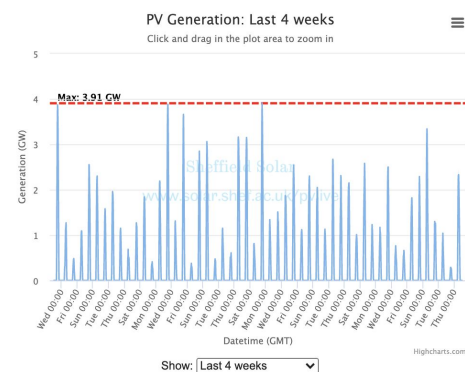
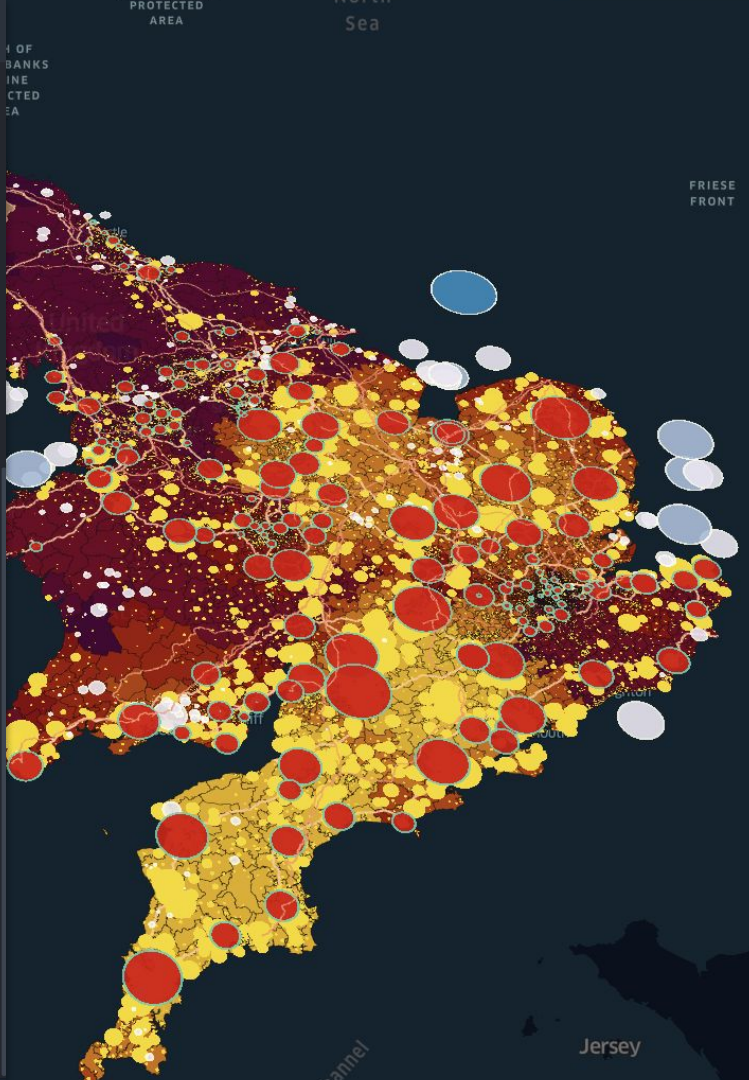
Our PV Solar Forecasting system trains and validates the output of our AI Solar Forecasting Modeller. It directly responds to continual real-time data signals from in-field physical PV systems. This distinguishes it very clearly from systems that model solar forecasting using proxies such as irradiance data or cloud cover.

2. VALIDATED IN PRODUCTION ON THE UK NATIONAL TRANSMISSION SYSTEM

Our system has been validated in production on the UK Transmission System for NationalGrid and has for more than 2 years and evidenced 20% improvement against previous methods saving tens of millions each year in balancing costs.

3. HYPER-SCALABLE AND EXTENSIBLE

Our approach is hyper-scalable and extensible across multiple grid architectures. We utilise any source of asset data and weather forecasting inputs. The system is designed so that improved data input automatically leads to improved forecasting accuracy and validation in real time.



Real Time GB Generation Mix (click to hide)

Real-time data from National Grid showing the generation mix and forecasted demand for the GB transmission network. Data is downloaded via the [BM Reports API](#).

