

THE WHITEGATE POWER STATION IN IRELAND



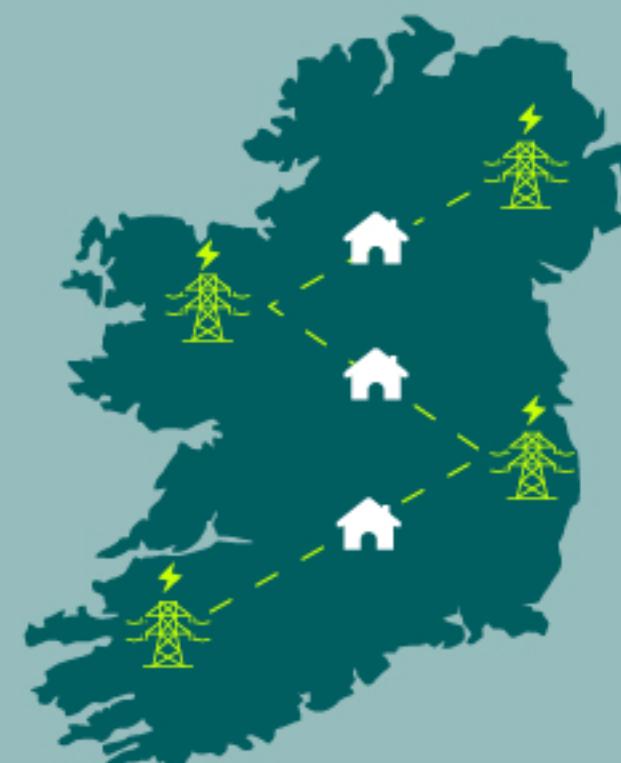
GE VERNONA

Increasing plant efficiency and reliability, and reducing maintenance costs with GE Vernova's Reliability Excellence software technology

VITAL STATISTICS

- 445 MW gas combined power plant
- Located 25 miles east of Cork
- Owned by Bord Gáis Energy

POWERS APPROXIMATELY



That's around **300,000 Houses**

CHALLENGES FOR WHITEGATE

Reduce OPEX

Increase reliability

Changing regulations



EARLY WARNINGS

of failure mechanisms using 300 algorithms



DETECT OPERATIONAL ANOMALIES

including parts degradation



GE Vernova Industrial Internet

141 SENSORS



throughout the plant

24/7

Monitoring & decision Support



Cloud-based data aggregation



Data & information Management

HOLISTIC PLANT VIEW



The world's first installation of GE Vernova's Excellence app provides the enterprise level visibility needed to optimise power plant fleet business, reduce plant downtime and balance of plant maintenance costs.



Condition based monitoring



Intelligent information processing