GridBeyond | Case Study: Eurac Poole part of the MAT Foundry Group

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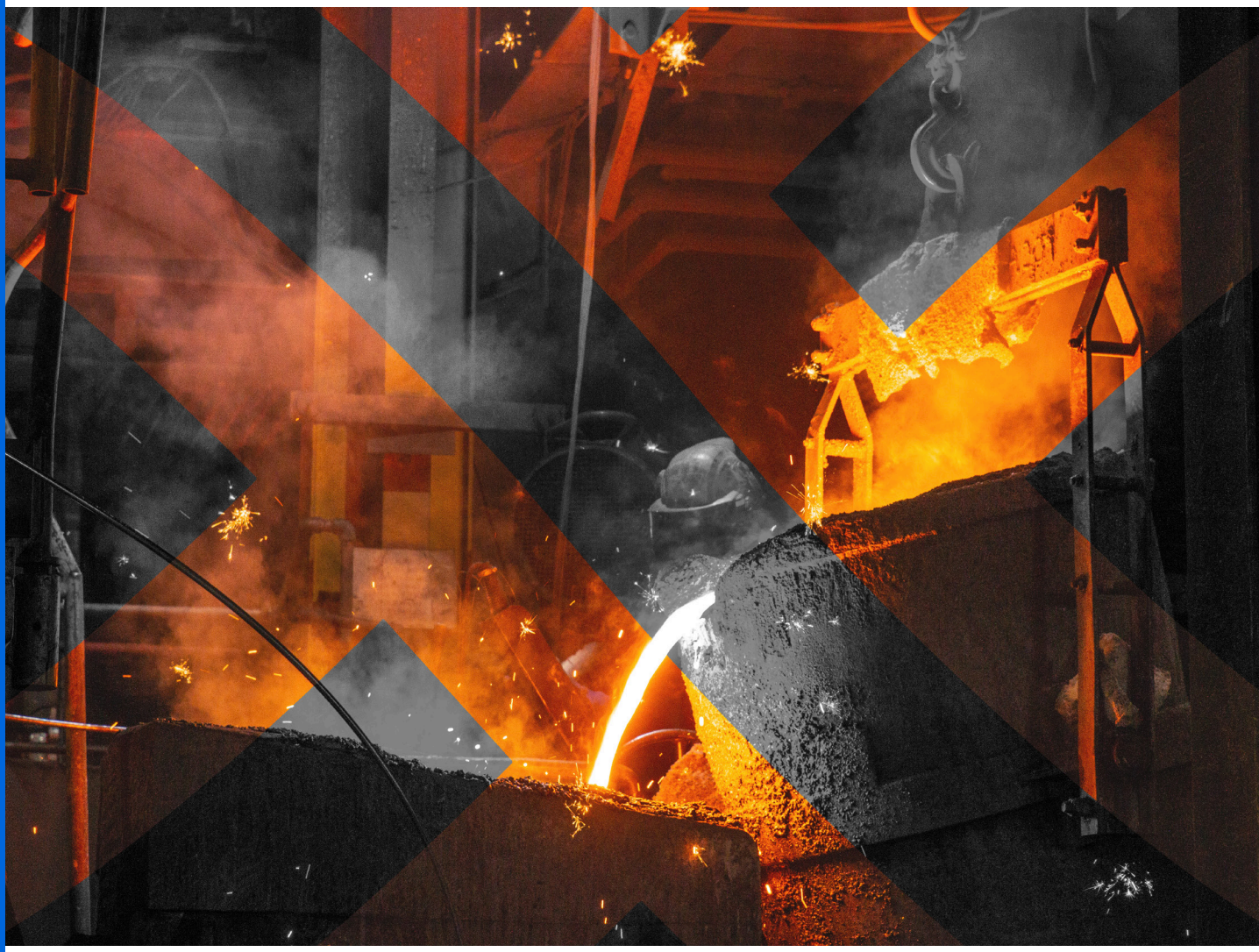

Eurac Poole

Energy excellence in the metal casting industry

EURAC POOLE
A Member of MAT Foundry Group

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Key project details

Key Project Details

Industry
Metal Casting

Activity
Foundry for casting vehicle components

Project Type
- Balancing & Capacity
- Price Optimisation
- Asset Optimisation
- Monitoring & Analytics

Project Facts
- 1.6MW battery installation
- Connection to hybrid battery & demand network
- 8.1 Megawatts now available for participation in energy programmes

Project Objectives
- To maximise participation in energy services
- To integrate inflexible assets into energy services.
- To improve sustainability credentials

Eurac Benefits

Unlocked Revenue Stream
delivered from National Grid via GridBeyond

Enhanced Savings
Through optimised energy trading and flexibility opportunities

Reduced Carbon Footprint
Optimised impact of the company's operations whilst contributing to the decarbonisation of the grid

Future Proofed Flexibility
Flexibility to switch seamlessly between programmes

Business Intelligence
Energy monitoring & reporting

Fully Financed Installation
Installation with zero CapEx

No Risk To Operations

Enhanced site resilience

£192k
in approximate Demand Side Response Revenues

£50k
in approximate savings from Dynamic Price Optimisation

S&P GLOBAL PLATTS
GLOBAL METALS AWARDS
2019 FINALIST

Eurac was a finalist for **Breakthrough Solution of the Year 2019 in the S&P Global Platts Metals Awards** for their battery and demand project.

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Transform Energy Demand into Opportunity

From left to right: Steve Merritt (General Manager, Eurac), Gary Sturgeon (Policy Advisor, BEIS), Rick Parfett (Policy Officer, ADE), Caroline Bragg (Senior Policy Manager, ADE), Eamonn Bell (Head of Market Strategy, GridBeyond)

With over half a century of experience supplying the automotive industry, Eurac is the leading specialist manufacturer in the casting and machining of brake discs.

At the beginning of 2016, Eurac wanted to boost their bottom line, optimise their operations and step-up sustainability by connecting their intensive equipment to GridBeyond's intelligent energy platform.

When, in 2018, GridBeyond launched its Hybrid Battery & Demand Network, Eurac were keen to be one of the first companies in the world to implement the unique solution.

Consequently, Eurac gained access to the increased resilience and energy flexibility which supported the company's greater participation in the fastest and most financially rewarding grid balancing programmes.

The Hybrid Battery & Demand Network is a portfolio of commercial batteries and demand assets, connected over multiple sites and organisations, working in harmony to provide flexibility to the grid. This solution benefits sites with little energy flexibility to access the fastest responding balancing services, they would otherwise not be able to achieve on their own.

The technology enabled Eurac's less flexible assets, for example older equipment, which previously could not respond for fast acting frequency response and other flexibility programmes, to participate in the most dynamic services.

Having experienced tangible benefits from GridBeyond's technology, Eurac decided to further improve its energy strategy and resilience with the installation of a no-capex 1.6MW battery at its site in Poole.

"We've been working with GridBeyond since 2016 and have built a successful partnership which allows us to achieve the benefits of DSR participation, whilst minimising the impact on the daily operations of the business"

Steve Merritt | General Manager, Eurac

How does it work?

We connect the metal industry's assets

Exhaust fans, induction furnaces, sand mixers, dust extractors, compressors and more...

01 Suitable Assets

- Exhaust Fan
- Induction Furnace
- Sand Mixer
- Dust Extractor
- Compressors

02 Connected to our platform

03 Delivering

- New Revenues
- Energy Trading
- Cost Savings
- Equipment Optimisation
- Sustainability
- Monitoring & Control

GridBeyond®

www.gridbeyond.com | service@gridbeyond.com | 01923 431 638
54 Clarendon Road, Watford, Hertfordshire, WD17 1DU