Crosschapel Flexible Generation Project

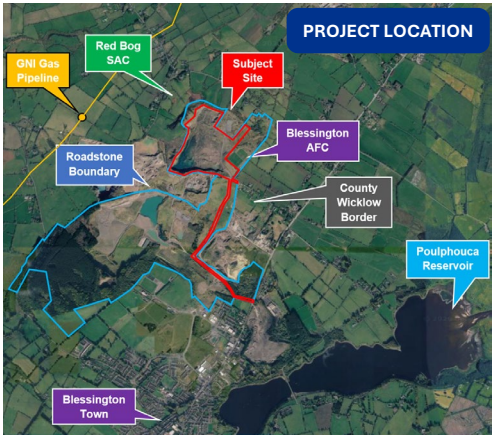
Supporting Ireland's growing energy needs and grid stability

Proposed Open Cycle Gas Turbine Electricity Generating Plant on Former Quarry Lands at Red Bog, County Kildare | Public Engagement Stage

Who is Cultaca Limited?

Cultaca Limited is the project promoter, combining Irish energy development experience with established power generation and asset-operating expertise. Cultaca has key Ireland-based and international experience in design and delivery including:

- Energy infrastructure origination and development.
- Power generation, engineering and operational expertise.
- Local project knowledge and commercial delivery capability.
- A shared focus on security of supply and the energy transition.
- Responsible development and meaningful stakeholder engagement.



The proposed plant would be located within the existing Red Bog quarry lands at Crosschapel, County Kildare.

Planning and environmental studies will examine the site and surrounding area, assess potential environmental effects, and identify measures to avoid, minimise, and mitigate impacts.

Why the project and location matter

Strategic need

Ireland requires flexible generation to support security of electricity supply and renewable integration. The proposed plant is designed to provide backup generation during critical demand periods when renewable energy sources are not sufficient.

Established quarry location assessed for its suitability for strategic energy infrastructure

The Red Bog quarry site has a long-established extractive and industrial character, physical containment, existing access, and proximity to strategic gas and electricity infrastructure.

Planning and climate alignment

Alignment with energy security, renewables integration, and planning policy objectives, subject to ongoing planning and environmental assessment.

KEY PROJECT BENEFITS

National energy objectives
Supports energy security, renewable integration and growth.

Rapid response capability
Designed to start quickly when electricity is most needed.

Security of electricity supply
Up to 385 MW of flexible capacity to support the electricity system.

Future fuel capability
Designed to facilitate transition to a hydrogen-enabled asset in the future.

Supporting renewable energy
Helps balance variations in wind and solar generation.

Community benefits
A proposed fund would support local initiatives.

Reuse of an established quarry
Makes adaptive use of an existing industrial site.

Economic benefits
Supports employment, investment and economic activity.



DROP IN AND MEET THE PROJECT TEAM

19 OCTOBER 2026

12pm to 8pm

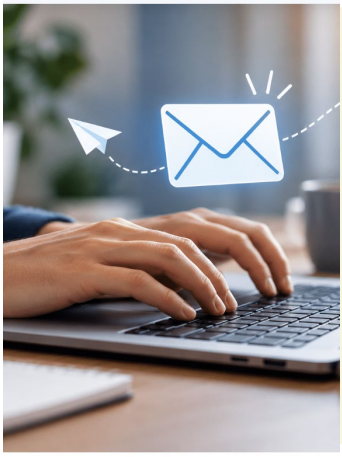
Coimín Centre
Main Street, Blessington
Co Wicklow, W91 F77F

An informal, accessible opportunity to review project information, ask questions, speak directly with the project team and provide feedback.

INFORMAL • ACCESSIBLE • DROP-IN

COMMUNITY BENEFIT FUND

Subject to planning consent and the project proceeding, Cultaca proposes to establish a fund to support local initiatives. Stakeholder feedback is welcomed to help shape the approach.



JOIN THE CONVERSATION

Questions or written feedback

crosschapelflexgen@kpmg.ie

Your views are welcome!

Find current project information, event details and updates on the project website.

www.crosschapelflexgen.ie