

Supporting Emergency Power Through Expert Licensing



CHALLENGE

A Confidential Client had a critical emergency power generation and transmission asset requiring an IE Licence.

SOLUTION

AWN's experts across water, air, and noise have experience with the stringent timeline of IE License applications.

RESULT

The AWN team delivered the IE Licence application to the EPA on behalf of the client within the required timeframe.

APPLYING LICENSING EXPERTISE ACROSS FUNCTIONALITIES

A Confidential Client has a temporary generator facility with multiple natural gas generator sets for a period of up to five years from Autumn 2023, to late 2027. It is a critical temporary emergency power generation and transmission asset, required as a direct response to addressing and mitigating national risk to power disruption, supply and demand. It forms part of a programme of actions being progressed by the Commission for Regulation of Utilities (CRU), together with the energy industry and other stakeholders to provide additional stability and resilience to the Irish energy industry in response to the national security of energy supply emergency.

AWN Consulting, a Trinity Consultants team, completed a comprehensive EPA IE Licence application for the client's facility. An IE Licence application with the EPA is an extensive project which requires a large dedication of time and resources to complete.

CHALLENGE

The client faced a critical deadline to submit an Industrial Emissions (IE) Licence application to the Environmental Protection Agency (EPA) in time for the Autumn 2023 operational window. This was essential to enable the commissioning of a temporary gas generation plant designed to respond to Ireland's energy supply challenges, including power disruptions and fluctuating demand. The urgency was compounded by the need to meet stringent EPA requirements and ensure full compliance with environmental regulations.

AWN Consulting, with its extensive experience across multiple sectors in Ireland, was engaged to lead the environmental licensing process. AWN had previously supported numerous IE Licence applications, including for data centres, waste facilities, and energy infrastructure. Their proven track record in navigating complex regulatory landscapes made them the ideal partner for this high-stakes submission.

SOLUTION

AWN assembled a multidisciplinary team of experienced environmental engineers and consultants, each bringing expertise in key domains such as air quality, water management, and noise control. The project required a dedicated Project Manager to coordinate inputs across disciplines, maintain client communication, and ensure alignment with EPA expectations.

The team's approach included:

- Conducting a baseline environmental assessment to establish site conditions prior to development.
- Preparing detailed documentation in line with EPA guidance.
- Leveraging AWN's proprietary modelling tools and methodologies to produce accurate and defensible reports.
- Ensuring all technical submissions were reviewed and validated internally before delivery.

AWN's licensing and permitting services were underpinned by decades of experience and a deep understanding of EPA protocols, which enabled a streamlined and compliant application process.

RESULT

AWN successfully submitted the IE Licence application to the EPA within the required timeframe, ensuring the client's energy infrastructure was authorised and ready for deployment. The application was accepted, and the temporary gas generation plant is now fully operational, providing critical support to Ireland's energy grid during periods of high demand and potential disruption.

This outcome not only demonstrated AWN's technical competence and project management capabilities but also reinforced their reputation as a trusted advisor in environmental licensing.

ABOUT TRINITY CONSULTANTS

Trinity Consultants, a leading global environmental consulting firm, provides services and solutions in the EHS Regulatory Compliance, Built Environment, Life Sciences, and Water & Ecology markets. Founded in 1974, Trinity has the technical expertise, industry depth, and capabilities to help clients achieve their goals across the natural and built environments.