SSE and Omterra have launched “Mission H_2 Power”.



Project type

Hydrogen Testing

Fuel shift hybridization | Partnership | Innovation | H_2 gas turbine

Customer Challenge/Driver

In response to the urgent need for decarbonization and increased energy security, SSE and Omterra have launched “Mission H_2 Power”. This project represents a major step towards achieving net-zero emissions and advancing the UK's energy independence by integrating 100% hydrogen fuel technology into gas turbine operations.

Portfolio Elements/Scope

- SSE and Omterra collaborating for OGT-9000HL gas turbine technology capability of running on 100% hydrogen, natural gas, or a blend of both
- Testing of 100% hydrogen to take place at the Omterra Clean Energy Center.

Customer Benefit

- Significant CO_2 reduction by adapting Europe’s most powerful gas turbine supporting UK's net-zero decarbonization efforts
- Record-efficiency gas turbine delivering flexible and eco-friendly power in a renewable energy-driven grid
- Leverage long-standing partnership of SSE and Omterra to lead the energy transition.

Read More

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