

SIEMENS

Ingenuity for life

cesenergy 

On-Site Electrical Generation for Data Centres

Providing Data Centres with a reliable
supply of on-site generated electricity

Power available within your timeframe

On-site solutions from Siemens and CES Energy puts power and control back in your hands

DID YOU KNOW?

There are connection offers in place with Eirgrid of over 800 MVA for Data Centers in Ireland

The dynamics of energy are changing, creating new opportunities for businesses, organisations and communities everywhere to generate their own power supply. When you make and manage your own energy, your costs are predictable, you have a direct impact on your sustainability and you're not constrained by grid availability.

Timeframes

We work with Data Centres to understand their energy demands and timeframes, and we tailor our solution to meet these requirements.

Be energy intelligent

With the joint expertise of Siemens and CES Energy, you can be energy intelligent about the way you source, distribute, consume and pay for your power.

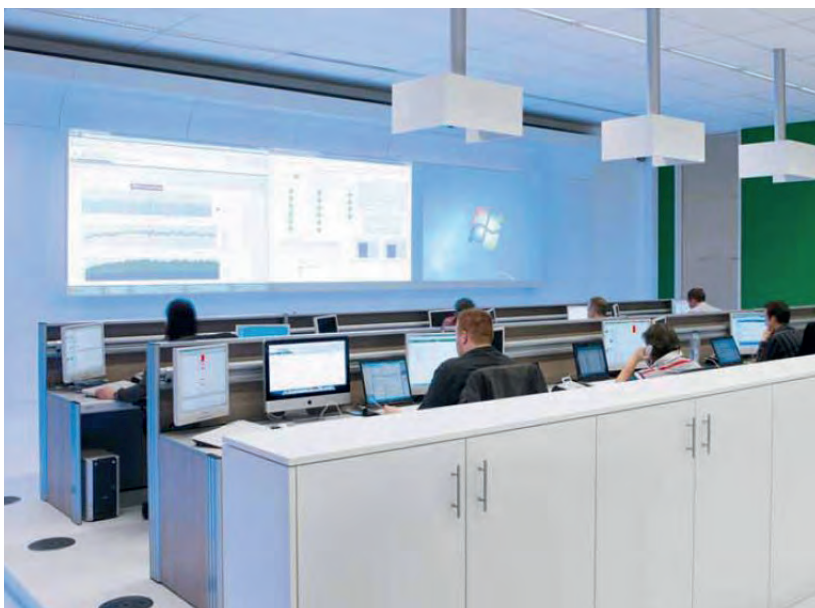
Take Charge

We understand that an uninterrupted energy supply is needed around the clock. The advance of technology means local generation and control has never been more accessible.

Siemens and CES Energy help ensure operational continuity with energy supply, and management solutions for Data Centers of all sizes and needs. We can integrate renewable technologies and heat recovery with our gas fired on-site generation to create manageable microgrids that keep your power on 24/7 while reducing emissions.

Take Control

On-site energy solutions offer a better way to proactively manage power consumption and help transform your Data Centre from a passive consumer of power. Our experts create energy solutions and strategies that go beyond reliability and provide greater control.



Competitive and Eco-conscious solutions

Greener than the grid, local microgrids, made smart and simple to operate

A leading player in power generation, Siemens offers one of the broadest portfolios of generation assets in the market, including gas engines, gas turbines and renewables. Our customers range from universities to hospitals to energy-intensive manufacturers to local communities and power cooperatives. No matter your specific needs for power efficiency, reliability and intensity, we have the assets to match it.

Tailor-Made Performance

Our portfolio of gas engines and gas turbines range from 150kW - 66MW and are ideal for small energy producers such as Data Centres, providing:

- Best in-class solution for more efficient power generation
- Low emissions and small footprint
- Reliable, dependable and experienced
- International experience within the on-site energy market
- Modular approach to meet your needs
- Lower emissions than grid electricity

Working directly with the technology manufacturer, installer and operator provides the customer with a committed and flexible approach

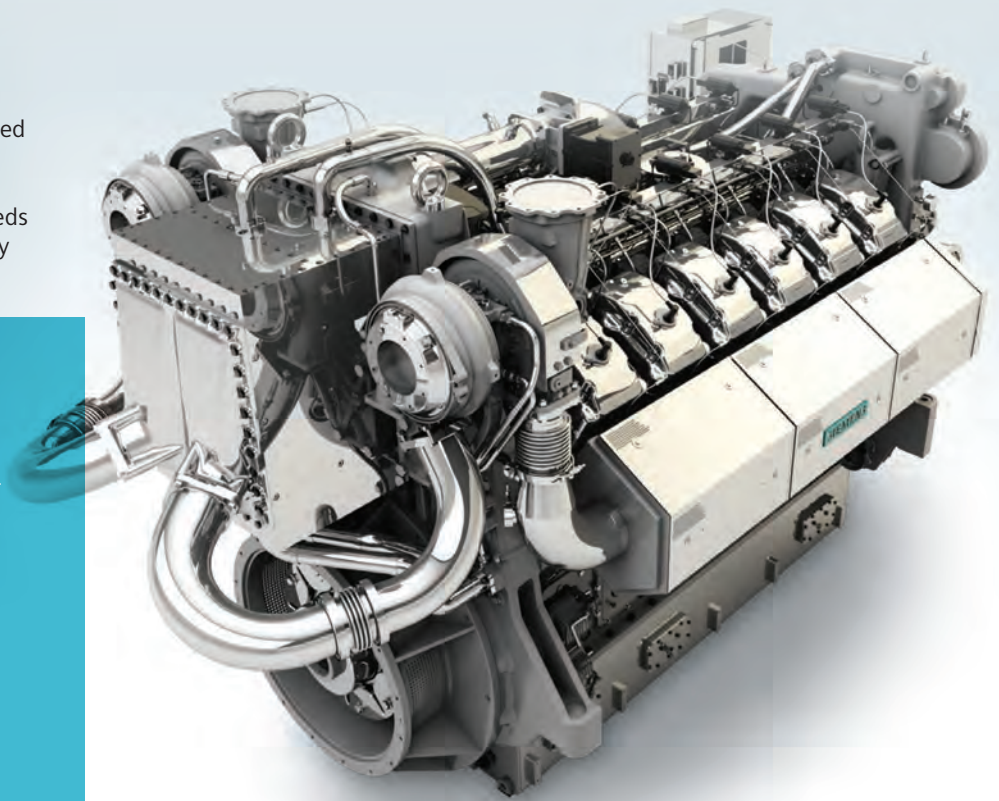
Project Financing Options

At Siemens, we're committed to providing finance solutions to enable your organisation to have its own on-site energy solution. Siemens Financial Services offers investment solutions ranging from advisory services to technology and equipment finance.

Our fully funded turnkey approach, provides upfront construction financing and removes the burden of infrastructure ownership with payments made based upon energy usage.

DID YOU KNOW?

Data Centre power demand in Ireland is expected to increase by over 300% in the next 5 years



A reliable dependable and experienced partnership

The latest technology adds flexibility and cost savings

Modularity

This offers the ability to 'pay as you grow' providing one of the greatest assets of all – flexibility.

Built to Last

Onsite generation solutions from Siemens are customised to your specific needs and scalable to allow more assets in the future. They integrate with a wide range of generation assets, including renewables and fossil-based generation.

Customised, innovative solutions with support at every stage

Our mission is simple: provide solutions that enable our customers to implement, run and optimise an on-site energy system that meets their specific goals. We bring expertise from across the energy spectrum to make this happen.

A Smarter Approach

We provide expert consultative and technical services to support your solution from installation through commissioning. The process begins with conceptual design and technology selection and includes project feasibility

studies, project design, construction and commissioning, and service and performance.

For all projects, we utilise in-house energy modeling experts to match demand and supply needs and provide ongoing optimisation. And, we work with you to ensure smart integration of new and existing assets.

Reliable, dependable, committed

You can trust Siemens and CES Energy to be at your side providing guidance and direction that encompass the entire on-site energy solution – from generation, to storage, to control.

Committed Support

We provide service and support to ensure optimal operation and maintenance of your on-site energy solution. We provide flexible service options based upon our customers' specific needs and capabilities. Services are designed to support the entire project lifecycle – including upgrades and condition monitoring – to optimise performance and maximise success.



**CONTACT US TO DISCUSS
YOUR ON-SITE ELECTRICAL
GENERATION SOLUTION**

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