

**Wärtsilä launches Modular Block solution for providing ready-to-go power plants**

*The technology group Wärtsilä introduces Modular Block, a modular, reliable and efficient solution for sustainable power generation, with fast delivery and installation.*

The Wärtsilä Modular Block power plant solution is a pre-fabricated, modularly configured, and expandable enclosure for Wärtsilä medium-speed 34SG gas engine generators. Aside from the gas engine generator, the Wärtsilä Modular Block concept's enclosure also incorporates engine-specific auxiliary units. The solution enables to reduce the on-site installation time from several months to a few weeks, depending on the full scope of supply. The concept thus makes Wärtsilä's advanced medium-speed engine technology available for applications where it would not otherwise be viable with a conventional custom designed permanent building. Medium-speed engine technology has inherently higher efficiency and lower lifecycle costs than containerised high-speed engines or gas turbine solutions.

Wärtsilä can offer the Wärtsilä Modular Block as a full engineering, procurement and construction (EPC) project. The solution is easily expandable to accommodate increased energy demand, and to respond to fast-growing customer business needs. The concept also enables dismantling and relocation, meaning it also offers new business models, such as power as a service or rentals.

The Wärtsilä Modular Block is easy to integrate with renewable energy and storage systems. It is ideal for providing grid stability and balancing when integrating renewable energy sources with intermittent production.

The flexibility of the concept enables its timely expansion with minimal front-end investments, or relocation to accommodate changing power generating requirements. This, combined with the high efficiency of the power generation asset, the minimised on-site installation time, and its configurability with external systems makes the Wärtsilä Modular Block an excellent solution for many power generation enterprises. It can be a perfect fit for industrial customers or utilities, and for independent power producers associated with them.

"This takes our well established experience and know-how in prefabricated modular power plants to the next level, combining modularity and ease of use with superior medium-speed engine performance. Modular Block, being a cost-effective solution that is configurable to different needs, scalable and re-deployable, brings fast and reliable power wherever needed," says Antti Kämi, Vice President, Engine Power Plants, Wärtsilä Energy Business.

Wärtsilä is introducing the Wärtsilä Modular Block at this week's Africa Energy Forum, Africa's largest energy exhibition, being held at the Lisbon Congress Centre, Portugal. More information is available from Wärtsilä's booth number 202.

Image: Wärtsilä Modular Block

Read more: Link to website [Wärtsilä Modular Block](#)

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### **Wärtsilä Energy Business in brief**

Wärtsilä Energy Business is leading the transition towards a 100% renewable energy future. As an energy system integrator, we understand, design, build and serve optimal power systems for future generations. Wärtsilä's solutions provide the needed flexibility to integrate renewables and secure power system reliability. Our offering comprises engine-based flexible power plants – including liquid gas systems – hybrid solar power plants, energy management systems and storage and integration solutions. We support our customers over the lifecycle of their installations with services that enable increased efficiency and guaranteed performance. Wärtsilä has 70 GW of installed power plant capacity in 177 countries around the world.

[www.wartsila.com/energy](http://www.wartsila.com/energy)

### **Wärtsilä in brief**

Wärtsilä is a global leader in smart technologies and complete lifecycle solutions for the marine and energy markets. By emphasising sustainable innovation, total efficiency and data analytics, Wärtsilä maximises the environmental and economic performance of the vessels and power plants of its customers. In 2018, Wärtsilä's net sales totalled EUR 5.2 billion with approximately 19,000 employees. The company has operations in over 200 locations in more than 80 countries around the world. Wärtsilä is listed on Nasdaq Helsinki

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