

SolarTech Power Solutions

Swedish container power generation



Overview

Sweden's Port of Helsingborg is set to make a significant stride toward sustainability with the planned launch of its first onshore power supply (OPS) facility for container vessels, scheduled for fall 2026. How will the port of Gothenburg connect more vessels to shoreside power?

The Port of Gothenburg has taken a major step towards connecting more vessels to shoreside power. A contract has now been signed with AF Bygg Väst to construct a new transformer station serving the container and car terminals – a key investment that will enable shoreside power connection at a total of seven berths by 2030.

Does Helsingborg port provide shore power for ferry traffic?

Helsingborg Port already provides shore power for ferry traffic in the City Port. With this new investment, capacity is being expanded to the container segment, where the technology is seamlessly integrated into existing infrastructure. Electrically powered vessels, such as Svitzer's new hybrid tugboat, are already being introduced into operations.

Why is Gothenburg building a transformer station?

The Port of Gothenburg is building a transformer station to enable Onshore Power Supply (OPS) at seven berths by 2030, cutting emissions and meeting future EU regulations.

How much electricity does a quay in Västhamnen use?

The new facility, designed and built by Actemium Sweden, will have a capacity of up to 3.5 MW, equivalent to the electricity consumption of approximately 2,000 homes. By enabling ships to connect to electricity at the quay in Västhamnen, they can shut down their auxiliary engines and instead use green electricity from shore.

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