

When will Ops become a requirement in the container sector?

By 2035, this requirement extends to all EU ports where shore power is available. As Wärtsilä marine director, electrical and power systems business Torsten Büssow says, "The adoption of OPS in the container sector will increase, but how and when will largely depend on shoreside investments, driven by regulatory mandates.

What drives the uptake of shore power in the container sector?

Shoreside investments and regulation are the key drivers behind the uptake of shore power in the container sector. A huge driver is the FuelEU Maritime Regulation, whereby from 2030, passenger and container ships must use onshore power (OPS) at Trans-European Network (TEN-T) ports when moored for more than two hours.

What is the primary energy mix of Greenland?

As presented in Fig. 2, the primary energy mix of Greenland changes notably between 2019 and 2050. In the reference scenario, oil constitutes around 80% of the primary energy consumption, with the rest being supplied mainly by hydropower.

Is renewables integration possible in Svalbard & Maniitsoq?

The feasibility of renewables integration in Longyearbyen in Svalbard, in Maniitsoq in Greenland, and in Kotzebue in Alaska has been investigated in another study by the authors .

How much wind power does Greenland have?

The total onshore wind power capacity potential on Greenland is 333 GW el, with 1487 TWh el generation potential, assuming 20% of ice-free area would be available, based on . The wind power generation profile is determined by employing a method of weighted averages for half of the ice-free locations with the most favourable wind conditions.

To further this agenda, the Government of Greenland has created a tender for the two most enormous hydropower potentials, the Maniitsoq and the Upper Nuuk fjords. This massive 2 ...

Ports in Aarhus, Gothenburg, Bremerhaven, and Stockholm will all offer shore power for containerships by 2030 as part of the "OPS Network" project. The project is ...

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Deep in the Arctic, Greenland is becoming ground zero for a new resource rush. As melting ice opens up

Power container quotation in Greenland 2026

shipping routes and geopolitical tensions demand new supply lines, ...

Here, you can download the current version of the Mariners Guide to Naajat, which offers detailed information to support safe and efficient operations at our port. Services available for vessels ...

It expects the shore power facility for container ships to be ready in late 2026. The port has applied for funds through EU's Connecting Europe Facility (CEF) that supports growth ...

Climate change-driven temperature rise in the Arctic has been shown to increase faster than on global average, heavily affecting Greenland's environment. Greenland's energy ...

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