

FAXAFLÓAHAFNIR PORTS IN REYKJAVÍK

LOW-VOLTAGE SHORE CONNECTIONS

LVSC according to IEC-PAS 80005-3 available in Reykjavík:

Faxaflóahafnir (FFH) has implemented a requirement that all ships must be connected to shore if a shore connection is available. As such, we would like to request that your ships dock at the pier in Faxagarður Reykjavík and connect to the Low Voltage Shore Connection (LVSC) available there.

Faxagarður is located in ([Gamla höfn - Hafnakort \(faxaflolahafnir.is\)](https://www.faxaflolahafnir.is)) the Old Harbour of Reykjavík and offers a reliable and sustainable power source to ships in accordance with the IEC PAS 80005-3 standard. This shore connection will be available for use from April 15th, 2023 and is intended to serve two ships simultaneously. It can provide either 440 V or 690 V on either 50 or 60 Hz.

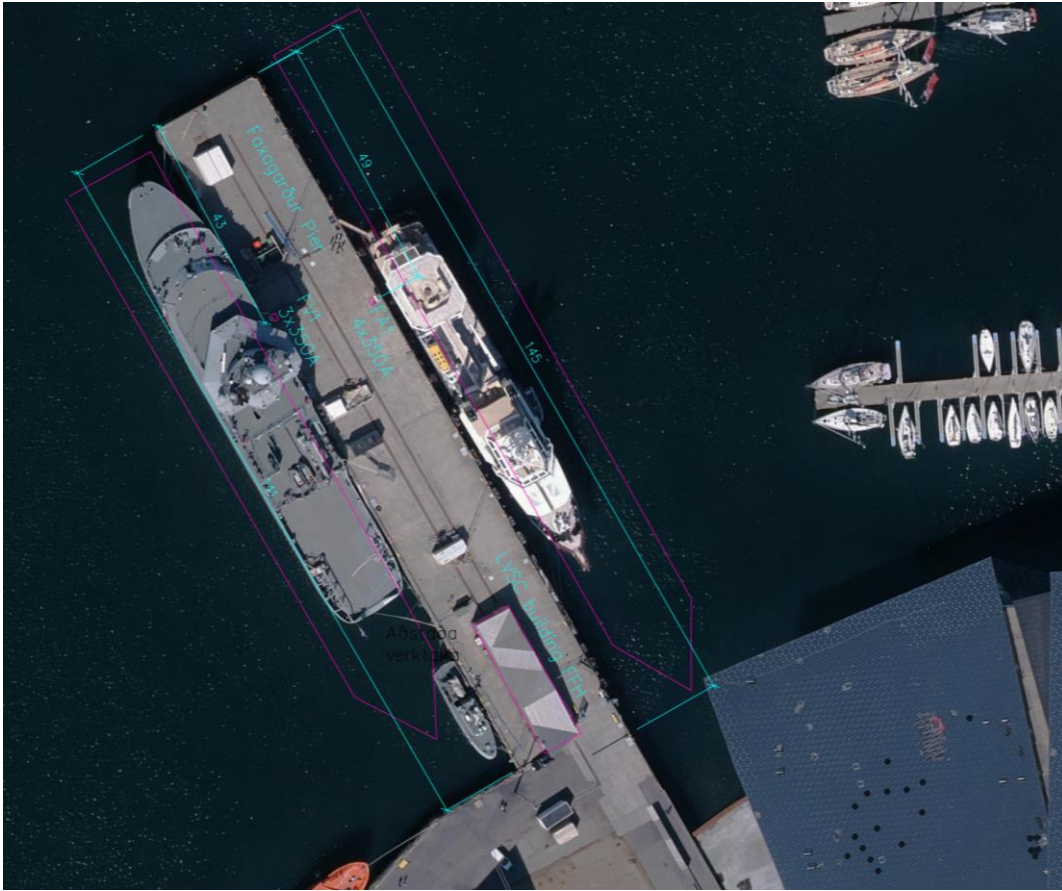
The connection will be facilitated through two connection points, three 350 A plugs, and four 350 A plugs, and will be managed by a cable management system called ZINUS Port Power 215. This system will control the tension of the cables connecting the pier and the ship, and is equipped with a Kirk Key solution for added safety.

It's important to note that the maximum power capacity at one connection point is 1 MVA on 440 V or 1,5 MVA on 690 V, and the connection can operate on both 50 Hz or 60 Hz frequencies. The aim of this shore connection is to provide a reliable and safe power source to ships, promoting efficient and sustainable operations.

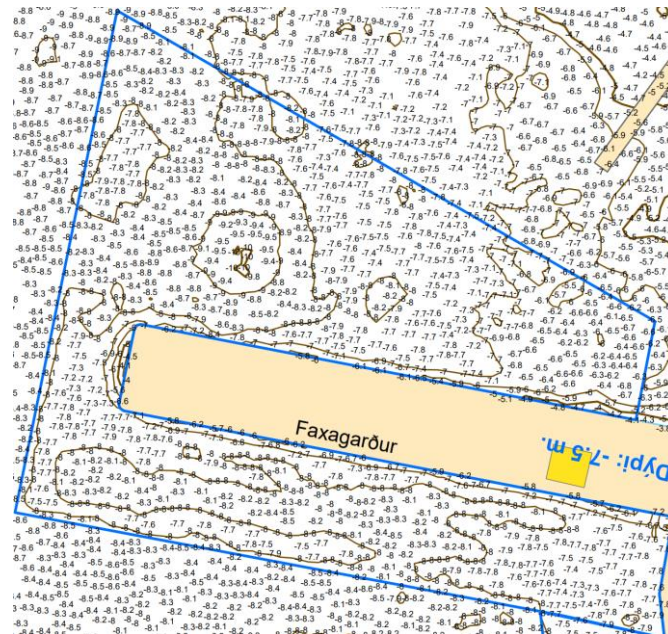




The picture below illustrates the location of the plug cabinets on the pier, as well as the length of the pier.



It is worth noting that the sea depth at the pier is approximately 7,5 meters. More details for the sea depth can be reviewed on the picture below and on the drawing following this link: [Gamlahöfnin hafnarkort 2020.pdf \(faxafloahafnir.is\)](https://faxafloahafnir.is)



Pricing:

65 ISKR/kWh excl. VAT

Connection fee 100.000 ISKR. Excl. VAT