Case Study

INDUSTRIAL

Project

Brúarvirkjun Hydroelectric Project

The location of Brúarvirkjun power plant is favourable in regard to visibility impact. The main dam lies across Tungufljót just above the confluence with the Stóra-Grjótá river. From there the river is channelled through a 1,700 m underground headrace tunnel to the powerhouse. Installed power is 9.9 MW and the hydropower plant can produce 82.5 GWh/year.

Location
Iceland

Client
HS ORKA

Year
2019-2020

What We Delivered

DIAMETER	PRESSURE	METERS	JOINTS	DELIVERING
500, 800, 2000, 3200, 3400 mm	PN 6	1690 m	Double Bell Coupler - Lamination	Raw Water

With the size of the GRP pipes and fittings to deliver and the extreme weather conditions in Iceland, the challenge faced was the logistic.

To ensure a safe transportation of the fittings, large size fittings were cut and prepared at our facilities and final assembly performed at site by our site Service team.

Accordingly, additional storage areas at the job site and at the Thorlákshöfn port were arranged. FPI complied with the delivery schedule based on customer needs and installation priorities. Our scope included: engineering, manufacturing, prefabrication of spools, delivery to the job site and training of the installation contractor.

HS Orka is erecting a run-of-the-river hydropower plant in the upper stretch of Tungufljót river. The Tungufljót river has its source above Haukadalur heath and flows into the Hvítá river near the farm of Bræðratunga.

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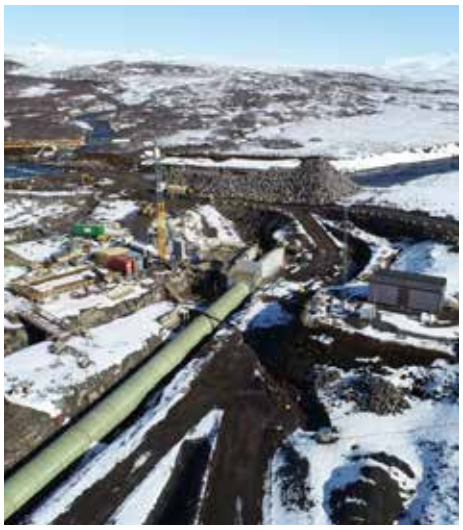
Gallery



Need More Info?

Please get in touch with us
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