

Press release

June 8, 2021

NCC to expand hydroelectric power plant in Skellefteå

NCC and Skellefteå Kraft are now initiating the planned expansion of the Rengård G2 hydroelectric power plant with an extra turbine to increase the plant's capacity. The assignment is a partnering arrangement and the order value is approximately SEK 230 million.

The Rengård hydropower plant is situated in the Skellefteälven river and began operating in 1970. The expansion of the hydroelectric plant with a second turbine, called Rengård G2, will create the necessary conditions to increase and deliver more renewable energy. Rengård currently has an output of 35 MW and the expansion will double the output to about 70 MW.

"The planned expansion will increase the Skellefteälven river's ability to deliver regulation power, a key function in the 100-percent renewable energy system of the future," says Susanne Öhrvall, business unit manager, Skellefteå Kraft.

The project will start by injecting a 20-meter grout curtain toward the Skellefteälven river. This will minimize water leakage and safeguard work carried out below the waterline. Concreting works will then be carried out for the power station and the installation of a new turbine and generator adjacent to the existing facility. In order to perform the work, a cofferdam will also be constructed to drain the area during construction.

Partnering as a form of collaboration means that NCC and Skellefteå Kraft collaborate in the best interests of the project, with an atmosphere of open dialogue and transparency. NCC's previous experience with the power station at Hissmofors on the Indalsälvens river at the mouth of Lake Storsjön in Östersund is one of many examples from across the country.

"We are faced with a complex, technologically challenging project where, for example, we will be working both in and under the water. Partnering is particularly suited to these types of projects, with routine exchange of experience and close dialogue between us and Skellefteå Kraft throughout construction. This provides added value for all the parties involved," says Richard Mattsson, Production Manager for NCC Infrastructure.

Design and planning will commence immediately, and completion of the facility is planned for 2024.

The order value of the project is approximately SEK 230 million and the order will be registered in the second quarter of 2021 in the NCC Infrastructure business area.

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About NCC. NCC is one of the leading construction companies in the Nordics. Based on its expertise in managing complex construction processes, NCC contributes to the positive impact of construction for its customers and society. Operations include commercial property development, building and infrastructure project contracting, and asphalt and stone materials production. In 2020, NCC had sales of about SEK 54 bn and 14,500 employees. NCC's shares are listed on Nasdaq Stockholm.