

Storglomvatn Dam, Norway



Owner	Statkraft SF
Type of dam	Asphaltic Concrete Core, Embankment Rockfill Dam
Address	Svartisen, Norland, Norway
Construction period	1997 - 1997
Contract type	Subcontractor

Description

The contract for construction of the asphaltic concrete cores on Storglomvatn Dam and Holmvatn Dam, both on the Svartisen Hydroelectric Scheme was signed in June 1993 and the mobilisation started the same year. The site is situated on the Arctic Circle besides one of the Norway's Major Glaciers.

Storglomvatn Dam is one of the world highest asphaltic core dam, a core height of 120 meters. Core width at the bottom is 95 cm decreasing gradually to 50 cm, which is maintained for the upper 50 meters. Both Dams were completed on schedule in 1997 after four seasons, despite severe weather conditions, with much rain and snow. The Storglomvatn Dam reservoir is Norway's biggest, 3.468 mill. m³, and has a regulation height of 120 meters.

Total volume	5.2 mill. m ³
Asphalt volume	22.500 m ³
Building height	125 m
Altitude top	591 m



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