

How big is the generator at St George Power Station





Overview

How much electricity does St George hydro generate?

The water that naturally flows from the river turns the turbines in the dam at St. George. Brunswick. The hydro facility was extensively redeveloped in 2002-2004, and has a current annual generating capacity of approximately 45,000 MWhr of electricity generated from 2 turbines having a combined maximum capacity of 15 MW.

How many generators does the Three Gorges Dam have?

The Three Gorges Dam is the world's largest capacity hydroelectric power station, with 34 generators: 32 main generators, each with a capacity of 700 MW, and two plant power generators, each with capacity of 50 MW, for a total of 22,500 MW.

Does St George power have a dam?

The dam at St. George has been part of the community for over a century. The “main” dam was built in the early part of the last century and the height of the dam was increased in 1950. In 2002, St. George Power undertook a major construction project to install a new dam. St. George Power has always been a “run of river” dam.

Does St George power have a head pond?

St. George Power has always been a “run of river” dam. This means that it does not collect and control water in a head-pond like Mactaquac or other NB Power hydro dams. The water that naturally flows from the river turns the turbines in the dam at St. George. Brunswick.



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Saint George Power

St. George Power Limited Partnership (SGPLP) operates a "run of river" hydroelectric facility on the Magaguadavic River in St. George, New Brunswick.

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