

Free guided tours

Beauharnois *generating station*

Where technology meets history and nature



Facts and figures on Beauharnois generating station

Generating station

Installed capacity	1,903 MW
Average annual output	11.7 TWh
Type	Run-of-river
Length	926 m
Number of generating units	38
Turbine type	Francis and propeller
Turbine speed	Francis: 75 rpm • Propeller: 94.7 rpm
Head	24 m
Main building – area / length	15,900 m ² / 926 m

Switchyard

Number of transformers	36
Voltage step-up	13.8 to 120 kV

Dam and dikes

Dam – length	864 m
Dikes – number / total length	30 / 56,913 m

Flow in Fleuve Saint-Laurent

Maximum flow	10,485 m ³ /s
Minimum flow	5,500 m ³ /s (maintained for navigation)

Flow in Canal de Beauharnois

Design flow	8,200 m ³ /s
Maximum flow	9,585 m ³ /s (spillway in operation, navigation suspended)

Spillway capacity

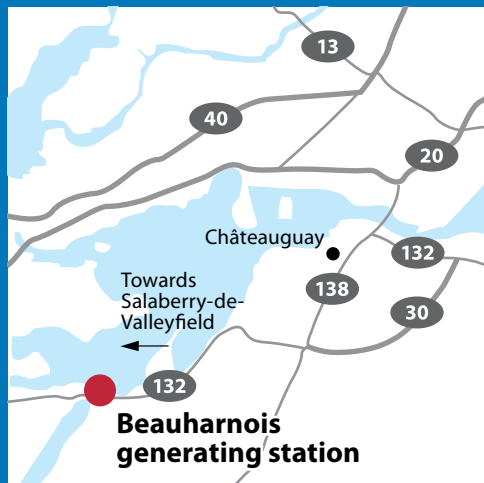
1,385 m³/s

Construction dates

Start	1929
Commissioning – Phase I	1932 to 1948
Commissioning – Phase II	1951
Commissioning – Phase III	1961
Completion	1964



Beauharnois generating station, one of the world's largest hydroelectric power plants, is located some 40 kilometres from Montréal, in a region that played a key role in the history and development of modern industrial Québec. Here is a truly unique run-of-river generating station. Come learn more about Beauharnois, its history and its particular features through a permanent exhibition and a guided tour.



Beauharnois generating station is located a few kilometres west of downtown Beauharnois, about 40 km southwest of Montréal.

80 Edgar-Hébert
Beauharnois (Québec) J6N 1W5

From Highway 132
Follow the signs to Beauharnois, then continue 2 km towards Salaberry-de-Valleyfield.

Free guided tours

Duration: 90 minutes
Reservations required for groups of 10 or more

Operating period

From National Patriots' Day (late May) to the end of August:
Daily: 9:30 a.m., 11:15 a.m., 1:00 p.m., 2:45 p.m.
From September to May:
Reservations required. Subject to availability

Information and reservations: 1 800 365-5229
www.hydroquebec.com/visit

Visitors aged 18 and over are required to show valid photo I.D.

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