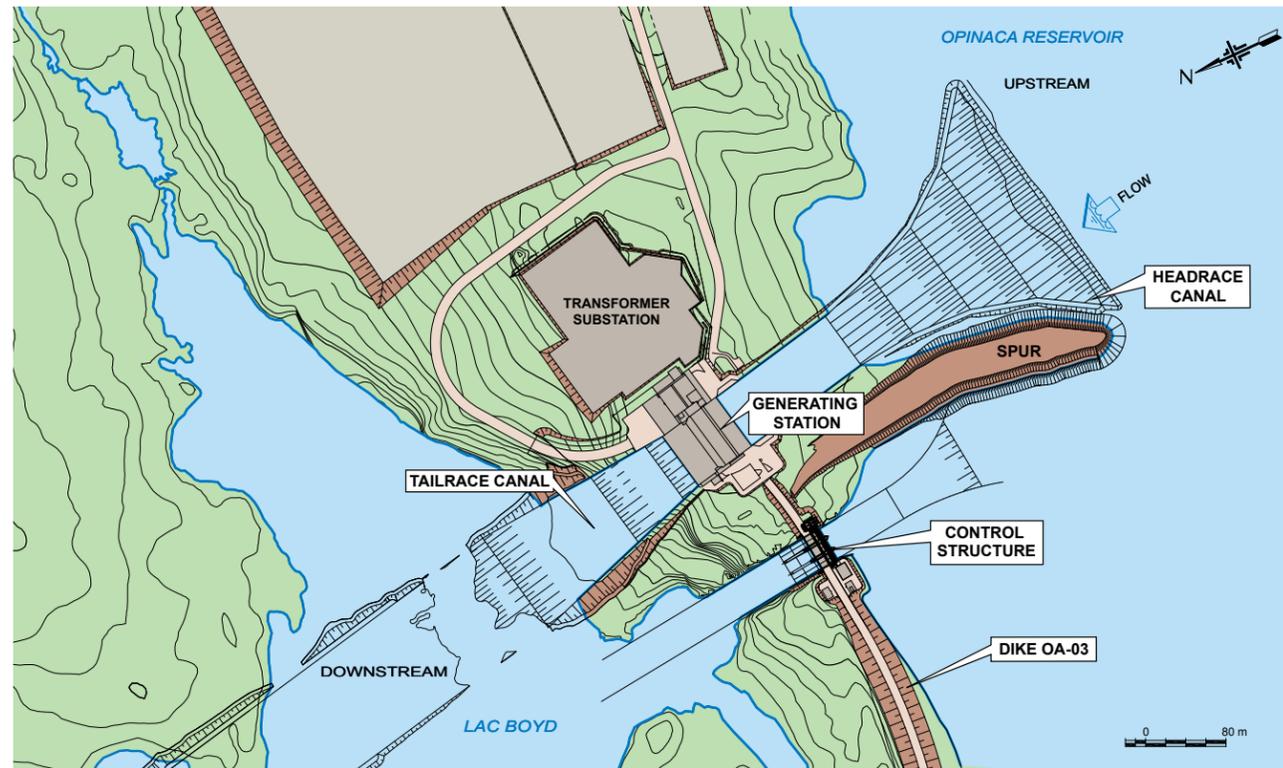


Layout of structures



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Development (during construction)

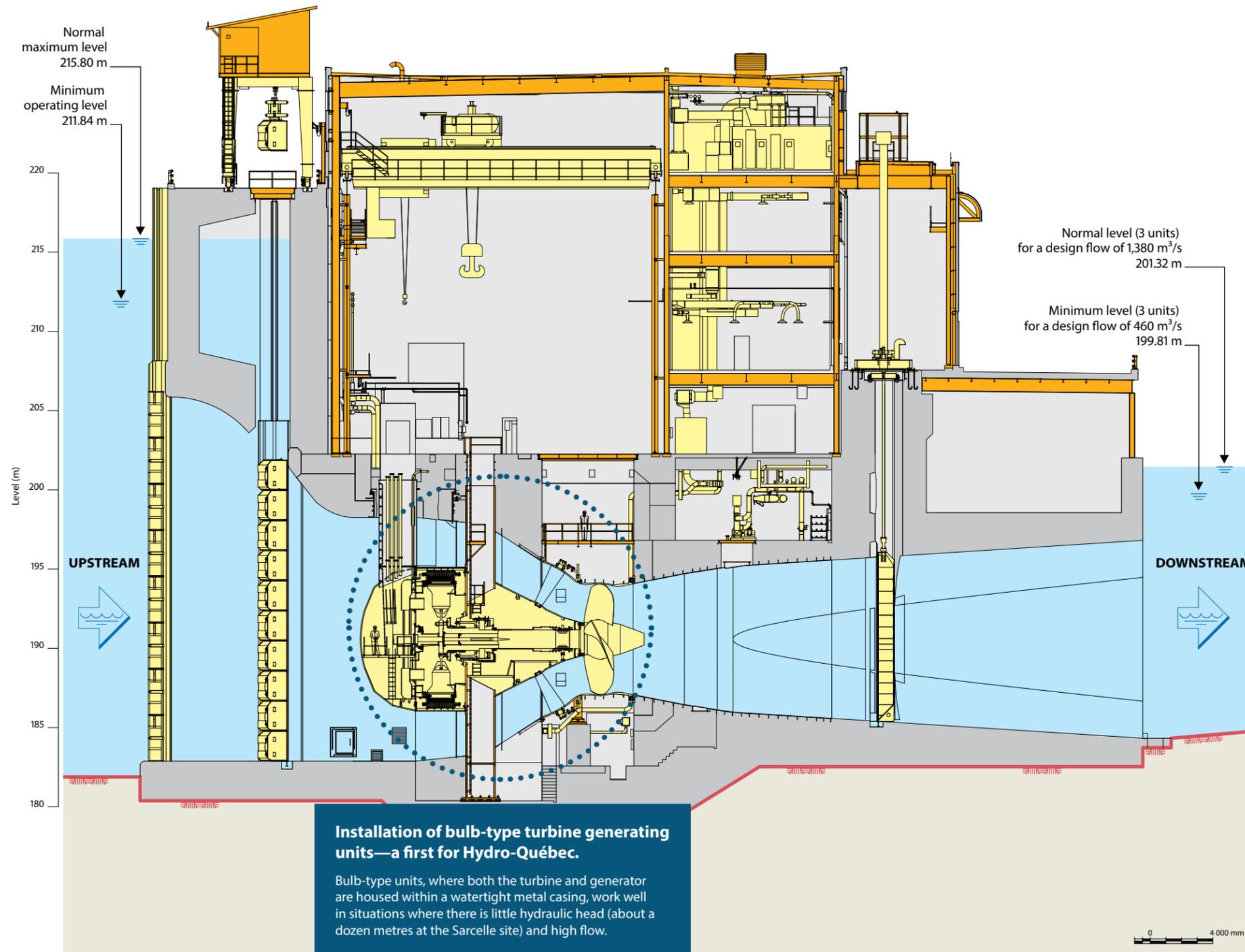


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Sarcelle powerhouse



Cross-section of Sarcelle powerhouse



Some facts and figures

General information about the generating station

Type	Run-of-river
Length	108.05 m
Width	50.43 m
Rated net head	from 8.7 to 16.1 m
Rated head	10.8 m
Total installed capacity	150 MW
Energy generated	1.1 TW/year
Construction period	September 2008 to April 2013
Number of workers on the jobsite at the peak of construction	485 (August 2010)
Number of workers who have worked on the site since construction began	2,482 person-years

Water intake

Height	37.20 m
Length	60.00 m
Width	9.30 m

Generating units

Type of unit	Bulb
Number of units	3
Design flow	1,380 m ³ /sec
Turbine runner diameter	7.10 m
Rotor diameter	7.90 m
Generating unit dimensions	Length: 15.05 m from hub cover nose to the runner axis Diameter: 9.08 m

Legend

-  Steel structure
-  Mechanical and electrical equipment
-  Concrete
-  Rock

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