

Francis EVOLution: 3 turbines in ONE.

The unique design enables operation in three different operation modes:

- Full load mode
- Intermediate mode
- Deep load mode

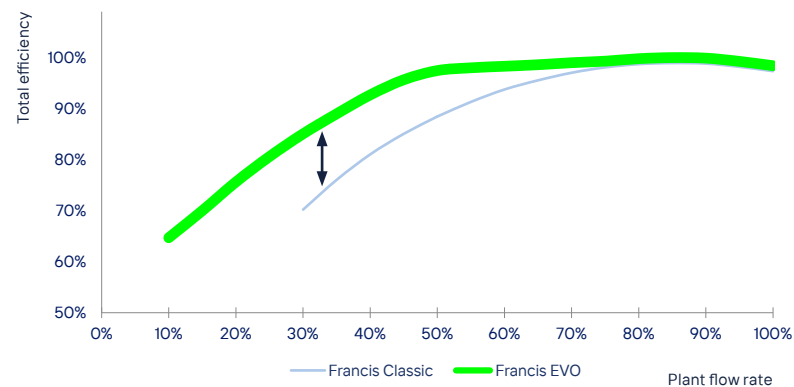
Facts

- Highest efficiency in part load!
- Extended turbine characteristic allows to react to unsteady and variable flow conditions!
- Maximized operation range down to 10% of nominal unit discharge!
- Power range up to 5 MW!

Visionary power. Wherever you want.



Francis EVOlution



www.global-hydro.eu



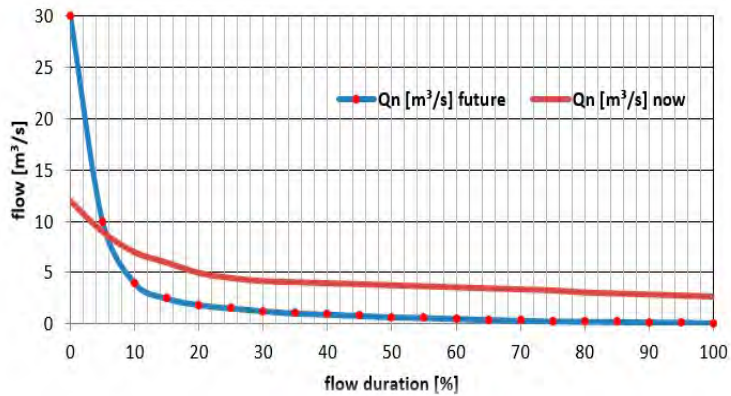
Engineering excellence by

Global Hydro

Variable flow durations Facing climate challenges.

Hydropower is not only an efficient and proven solution for a sustainable energy production, it also has to face environmental changes due to climate changes. In variable future, we will be confronted with changing flow conditions. With a high requirement on sustainability, hydropower plants have to be ready for future.

Future flow conditions:

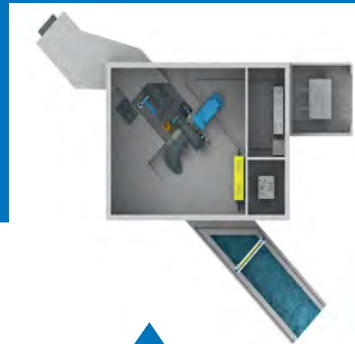


Renewable hydropower is a reliable, versatile and low-cost source of clean electricity generation and responsible water management.

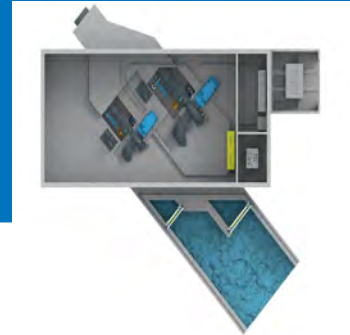
- International Hydropower Association

Less is more The single unit solution.

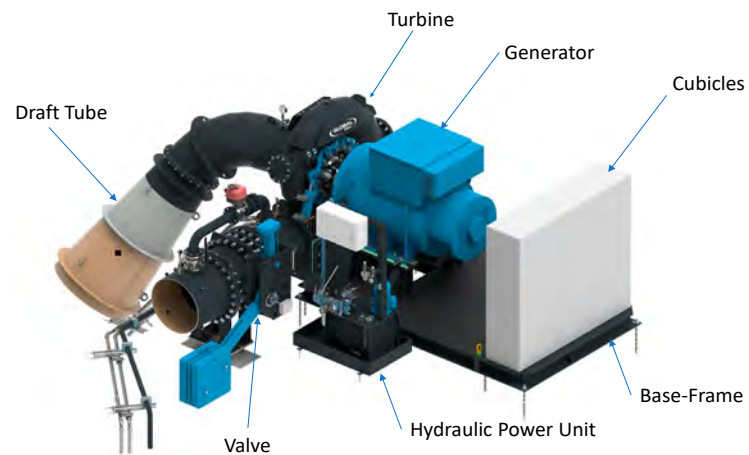
Francis EVO



Classic powerplant



- Reduced concrete structure
- Reduced time for civil works
- Reduced costs for powerhouse installation
- Reduced erection-time
- Reduces commissioning-time



Francis EVO Innovation that works.

- Flexibility in plant operation
- Less downtime
- Larger operating range
- Maintenance effort reduced by 50% compared to classic powerplant
- Maximized energy production

