

Commissioning PowerFlex 6000 frequency converters at Irish Water's pumping station in Dublin

Introl Automatyka has participated in the final phase of a project to upgrade a major pumping station in Dublin. The final phase included the commissioning of two more 630kW / 3.3kV pumps driven by Rockwell Automation's PowerFlex 6000 frequency converters. The implementation of this project will lead to a significant reduction in energy consumption, saving nearly 3 million kWh/year, and will reduce CO2 emissions from the pumping station by 2270 t/year. The work will also reduce the risk of failures at the facility, as well as protect Dublin from future floods.

Scope of work carried out:

- Verification of the installation and foundation of the converters at the target site
- Functional tests of the converters with the DCS master system
- Operational tests with decoupled motors
- Full technological start-up with partial load
- Participation in final acceptance tests (SAT)