

## **Dynamical characteristics of hydroelectric power plant hydraulic turbines for use in frequency and active power regulation calculations.**

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The article shows the importance of taking into account the boundary conditions in the analytical description of the dynamic characteristics of hydraulic turbines when analyzing the quality indicators of regulation, taking into account the processes in the pressure water lines.

*Key words: hydraulic turbine transfer function, coefficients of linearized equations of turbines, water hammer, active power regulation.*