

AUTOMATION FOR NUCLEAR ENERGY

Czech Republic · NPP Dukovany & NPP Temelin

NUCLEAR ENERGY | CZECH REPUBLIC | SINCE 2000

Challenge

Nuclear power technology demands the highest level of expertise, safety and precision from the design phase onward, to guarantee safe and efficient long-term plant operation.

Objectives

Deliver certified control systems, instrumentation and engineering for critical infrastructure, backed by a security-cleared, ČEZ-qualified technical team.

B:TECH solution

B:TECH has operated at NPP Dukovany since 2000 and at NPP Temelin since 2019.
At Dukovany, B:TECH delivered the control system for diesel generators 1–12, the central electrical control room, protection system replacements and ongoing 24/7 service. At Temelin, B:TECH executed the electrical, instrumentation and control scope for the block heat exchanger stations (BVS I and BVS II) replacement projects. As a qualified supplier to the ČEZ Group, with specialists holding NSA security clearance, B:TECH is also preparing to participate in the upcoming construction of two new units at the Dukovany Nuclear Power Plant.

26	2	13,2 M
YEARS IN NUCLEAR	NUCLEAR POWER PLANTS	EUR DELIVERED

Technologies & services

Diesel generator control | **Electrical control room** | **6 kV protection systems** | **I&C engineering**

Siemens | **Emerson** | **Rockwell Automation** | **Mitsubishi Electric** | **National Security Authority**

24/7 service

Qualified supplier **ČEZ Group**

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