



50 years
Kozloduy NPP

KOZLODUY NUCLEAR POWER PLANT NEW BUILD PROJECT

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**KOZLODUY
NUCLEAR
POWER PLANT
AND THE
APPROVED SITE
FOR NEW BUILD**



ACHIEVED MILESTONES



- **The project started in 2012** with governmental decision supported by the National Assembly;
- **Feasibility study** for the construction of a new nuclear power plant performed by Westinghouse Electric Spain;
- **Environmental impact assessment (EIA)** of the investment proposal for construction of a new nuclear power plant;
- **Site selection procedure** according to the post-Fukushima requirements, part of the licensing procedure;
- **Preliminary safety analysis report** of the new nuclear power plant – PSAR;
- **Detailed spatial plan** for the territory of the site for the new nuclear power plant;
- **Environmental Monitoring Programme** – approved and deployed.

REGULATORY APPROVALS



- **Site Approval Order No. AA-04-30/21.02.2020 issued by the Nuclear Regulatory Agency:** approves the site chosen by 'Kozloduy NPP – New Builds' PLC (Site 2) for the deployment of a new nuclear power plant including 'hybrid' option.
- **Decision on EIA No. 1-1/2015 of 27.01.2015 of the Minister of Environment and Water approves the implementation of the investment proposal for construction of a new nuclear power plant on the site of the existing nuclear power plant.** The EIA decision has been in force since 2019. The UN Commission identifies the EIA procedure as a good practice.
- **Two Decisions by the National Assembly of Bulgaria in 2023 –** political commitment to accelerate project activities.

FEED CONTRACT WITH WESTINGHOUSE ELECTRIC COMPANY

- Assessment of the available infrastructure at Kozloduy NPP site;
- Localization of the supply chain and participation of Bulgarian companies in the project;
- Proposal for the division of responsibilities in the project;
- Assessment of site compatibility with the AP1000 project and transport schemes;
- Preliminary design developments for units layout;
- Project schedule and preliminary assessment of 'overnight' costs;

WHAT'S NEXT?

Based on the Decision of the National Assembly of Bulgaria (18.12.2023)

- Negotiations with potential construction companies;
- Engineering contract negotiations;
- Final Investment Decision (FID);
- Signing an EP+C Contract;
- Permission to design from the National Regulatory Agency (NRA);
- Approval of the Technical Design and Interim Safety Analysis Report by NRA;
- Construction and commissioning of Kozloduy NPP Units 7 and 8.



THANK YOU
FOR YOUR
ATTENTION!

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