

**SERVING
POWER INDUSTRY**



**ENGINEERING AND
CONSULTING SERVICES**



WE ARE THE LARGEST CZECH EPC CONTRACTOR ABLE TO DELIVER POWER GENERATION PROJECTS FROM THE DESIGN, THROUGH PROCUREMENT, CONSTRUCTION, AND INSTALLATION, UP TO COMMISSIONING AND PROVISION OF BOTH WARRANTY AND EXTENDED WARRANTY SERVICE. AS EPC CONTRACTOR OF NUCLEAR POWER PLANT PROJECTS IN CZECH AND SLOVAK REPUBLIC, WE HAVE MAINTAINED OUR COMPETENCY FOR SUPPLIES OF CONVENTIONAL ISLAND AND BALANCE OF PLANT.

◀ Can II Coal Fired Power Plant (1X 330 MW) located in Canakkale region, Turkey

ENGINEERING AND CONSULTING SERVICES

We have unique expertise in the engineering and construction of power plants due to more than 60 years of experience as an EPC contractor in the energy sector worldwide.

Thanks to services recently provided to our parent company CEZ, a.s. we thoroughly understand Investor's needs during the preparation and execution of power generation projects both from an economic and technical point of view. We have recently executed a large refurbishment program of the CEZ, a.s. fossil and nuclear power plants fleet worth

more than 4 billion EUR and involving a power capacity over 3000 MW.

We support the client in their decision making and strategic planning in order to achieve the best return on investment while observing technically optimal solutions. We provide technical due diligence of projects during Mergers & Acquisitions for investors and financial institutions. During tender and contract negotiations we provide the Investor with expert support from both the commercial and technical perspective.

SELECTED REFERENCES

1. PRE-FEASIBILITY STUDY FOR A NEW COGENERATION PLANT

PROJECT: Industrial Cogeneration plant
CLIENT: Large Chemical plant in the Czech Republic
DATE: 2016
DURATION: 4 months

OBJECTIVE: We prepared an assessment of the technical, economic, environmental and social viability of a proposed project, including a comparison of alternatives. We established a preliminary design of the chosen solutions, including the identification and analysis of the main project parameters with the elaboration of the principal solutions for the engineering project.

DATE: 2014
DURATION: 4 months
OBJECTIVE: The client considered building a new 100-150 MW coal fired plant near the town of Tkibuli to strengthen Georgian energy security and to promote the economic development of the area. ŠKODA PRAHA provided the feasibility study for this project with the following main objectives:

- Identify possible technical solutions for the desired power plant, to compare and to recommend the most suitable technology option
- Describe general power plant concepts and systems
- Analyze the local electricity market
- Summarize technical economic data and evaluate the return of investment in relation to off-take tariff (power purchase price)

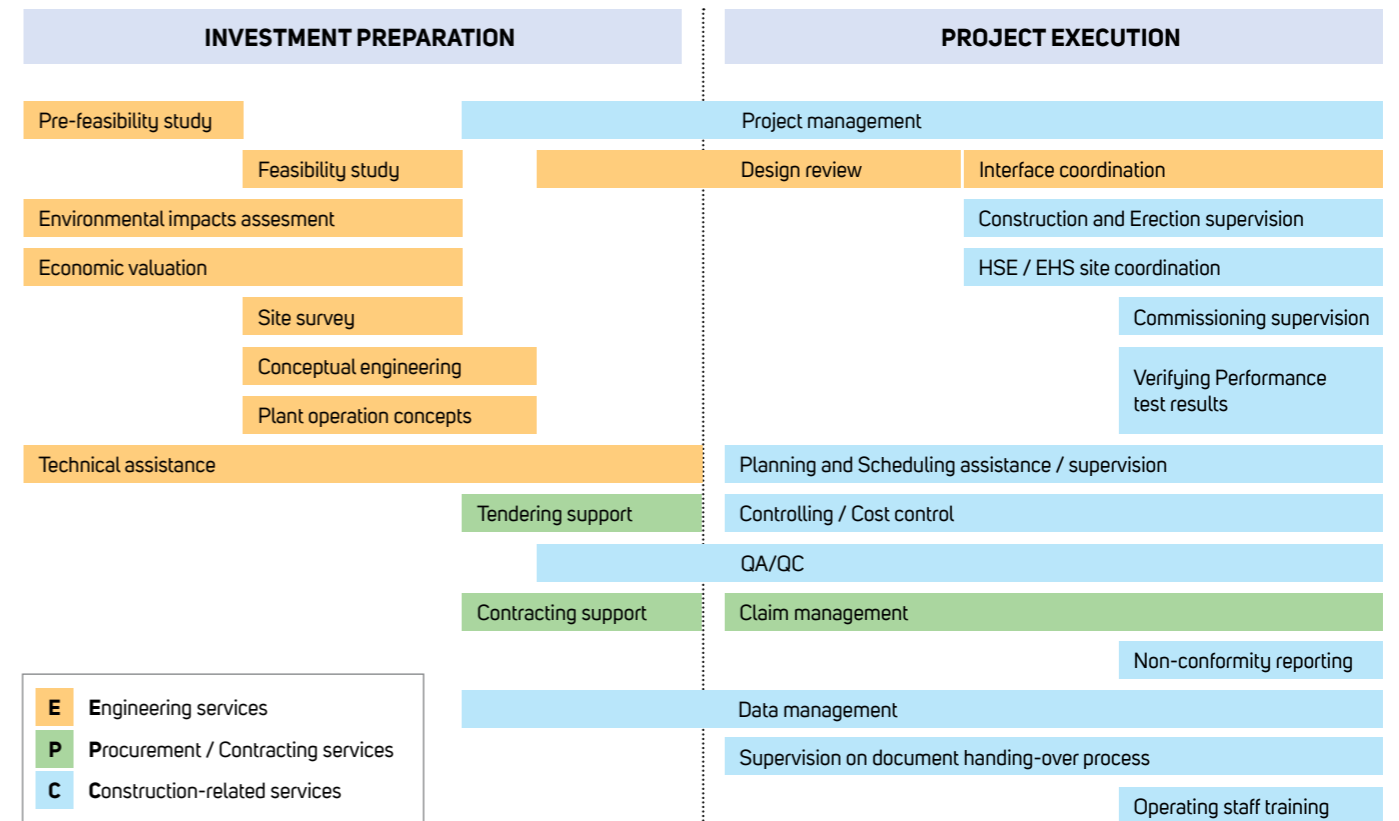
2. FEASIBILITY STUDY FOR THE NEW COAL FIRED POWER PLANT

PROJECT: Tkibuli power plant (1 x 150 MW)
CLIENT: Georgian International Energy Corporation Ltd.

3. OWNER'S ENGINEERING SERVICES FOR RELOCATION OF A COAL-FIRED POWER PLANT

PROJECT: Can II Coal-Fired Power Plant (1X 330 MW) located in Canakkale region, Turkey
CLIENT: Can Kömür Ve İnşaat A.S.

OUR RANGE OF SERVICES



- E** Engineering services
- P** Procurement / Contracting services
- C** Construction-related services

INTEGRATED SYSTEM FOR ENGINEERING AND CONSTRUCTION

Our processes are supported by modern software tools that enable us to deliver the best value to our clients. These tools integrate support for standardized yet flexible processes, complex projects, organizational roles, team collaboration and long term experience of engineering and

construction knowledge. We offer the client our experience with these software tools to achieve the best execution of the project and to accomplish the project goals in terms of budget, schedule and quality.

DATE: 2015 - ongoing
DURATION: 32 months
OBJECTIVE: The main goal of OE services for this project was to coordinate engineering works done by other contractors/companies and to modify the Voitsberg III power plant design for the new specific conditions in the Çanakkale region. Those conditions are mainly the necessity to operate with a different fuel-low-calorific high-sulphur coal, a different cooling system utilizing fan induced draught cooling towers instead of a natural draft cooling towers operating during high summer temperatures and last but not least design adaptation to high seismic activity in the new area

4. OWNER'S ENGINEERING SERVICES FOR THE CONSTRUCTION OF A HYDRO POWER PLANT

PROJECT: Hydro Power Plant Mtkvari 53 MW in Akhaltsikhe, Georgia
CLIENT: Mtkvari Hesi LLC
DATE: 2015 - ongoing
DURATION: 32 months
KEY PROJECT TEAM MEMBERS: Chief engineer, Hydro-mechanical engineer,

Civil engineer, Geologist, Electrical engineer, I&C engineer, Quality Control expert, Legal expert
OBJECTIVE: As the Owner's Engineer, we monitor, review and supervise the performance and obligations of other project contractors on scope, time, quality and cost, on the Client's behalf

5. DESIGN REVIEW SERVICES FOR THE ULTRA SUPER CRITICAL COAL FIRED POWER PLANT

PROJECT: Amasra 2x660 MW Ultra Super Critical Coal Fired Power Plant
CLIENT: HEMA Elektrik Uretim, A.S
DATE: 2016 - ongoing
DURATION: 30 month
OBJECTIVE: The scope of work is to review the Basic and Detailed design of the greenfield 2x660 MW ultra super critical coal fired power plant delivered by the Dongfang Electric Corporation of China. The goal of our activities is to ensure that the design is in line with the EPC contract, standards and best engineering practice

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