

Arabelle Solutions Romania S.R.L.



Address: 1-5 Costache Negri street, Opera Center 1, 7th floor, Bucharest, District 5, Romania, 050552

Contact details:
Marian COSTEA
Country Leader – 0744.488.833
marian.costea@arabellesolutions.com

Main fields of activity (products / services)

- Designing, building and maintaining some of the most advanced equipment need it to produce low-carbon electricity.
- Offering world-class solutions from the world's most powerful steam turbine to pioneering designs optimized for the rapidly expanding Small Modular Reactor market.

Strength

- Meeting turbine island complete needs, from engineering studies to partial EPC and Full turnkey turbine island, Installation and commissioning, customized parts, Minor&Major outages, Emergency repairs, upgrades, retrofits.
- ≈ 1/3 global nuclear installed base; 50-1900 MW turbine output range, 100+ plants serviced annually, 150 GW produced by our turbines and generators, 75" the largest last stage blade

QA, Certificates and authorizations:

Arabelle Solutions Management Systems meets the requirements of standards:

- ISO 9001:2015 issued by AFNOR Certification
 - ISO 19443:2018 issued by AFNOR Certification
- Arabelle Services France is authorized by CNCAN Romania for NMC 05, 07 and 12 and for Arabelle Solutions Romania the authorization process is in progress.



Nuclear relevant Experience (main important references)

- **ROMANIA** – CNE Cernavoda U1 and U2 – OEM – legacy GE
- ARABELLE steam turbines around the world:
- **UK** – 2X Hinkley Point C1&C2 – 2x1750MW
- **FRANCE** – 11xChooz B1&B2 (2x1550 MW); Civaux 1&2 (2x1550MW); Flamanville 3 (1x1750MW); Penly 3&4 (2x1800 MW); Gravelines 7&8 (2x1800 MW); Bugey 6&7 (2x1760 MW).
- **HUNGARY**: 2xPaks 5&6 (2x1250 MW).
- **TURKEY**: 4xAkkuyu 1-4 (4x1250 MW).
- **EGYPT**: 4x El Dabba 1-4 (4x1190 MW).
- **CHINA**: 26x (from 1080 MW to 1750 MW)

Key success factors

Arabelle steam turbines key success factors are:

- 2% more output vs traditional configuration
- 99.96% reliability rate
- 40+ units around the world
- 75 inch largest last-stage blade.

Technology and turbine hall integration

