



Lead-cooled Fast Reactor (LFR):

# The Next Generation of Nuclear Technology

## The Westinghouse Solution to Globally Evolving and Diverse Markets

Westinghouse continues to develop its next-generation, medium-capacity nuclear power plant based on lead-cooled fast reactor (LFR) technology. The delivery of commercially competitive, reliable, zero-emission clean and sustainable energy, with unparalleled safety and flexible operations, are Westinghouse's key goals.

### LFR Key Attributes

- 450 MWe Net
- Economic competitiveness and enhanced passive safety together
- Flexible electricity using a Thermal Energy Storage System
- Enhanced siteability, with no need for large water bodies in the vicinity of the plant
- Capability to accommodate globally diverse and evolving fuel cycle policies due to operation in fast neutron spectrum
- Staged approach to deployment to accelerate technology demonstration



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