

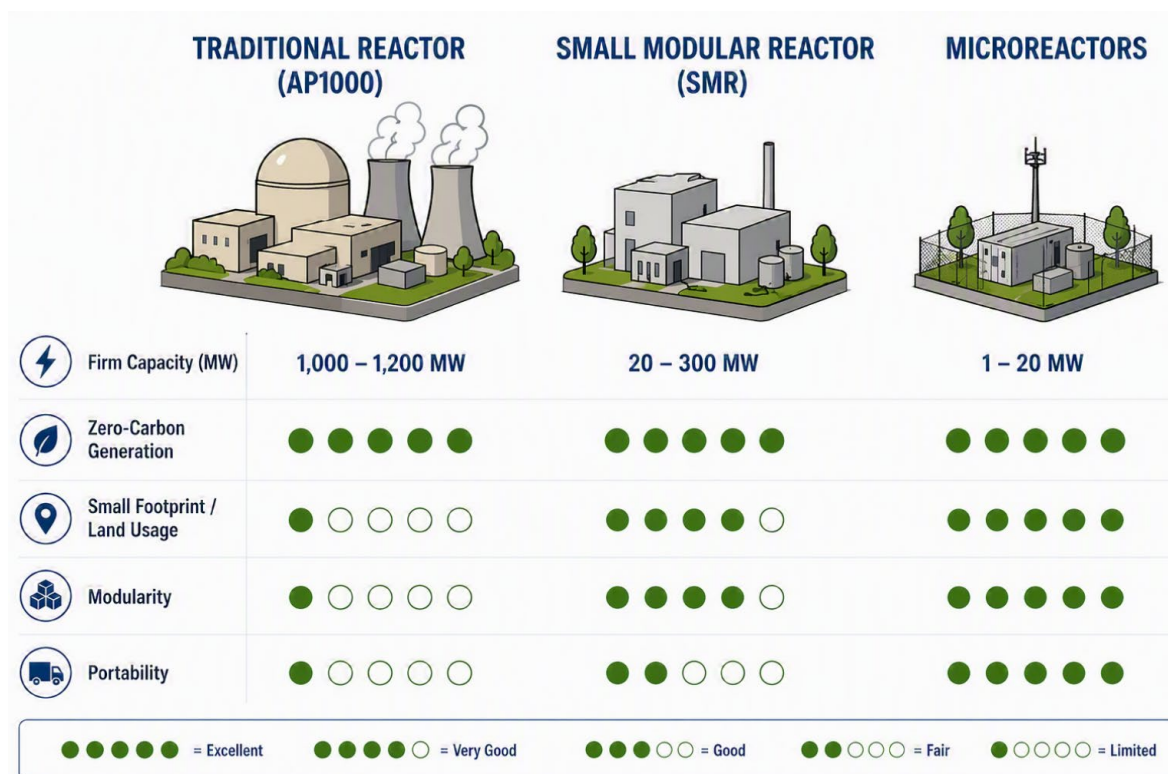
Daily Insights

Nuclear power isn't one-size-fits-all

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Different reactor types have different advantages and risks

Comparison of nuclear reactor technologies



Source: BofA Global Research

BANK OF AMERICA INSTITUTE

Nuclear energy has re-emerged at the center of the power conversation, driven by rising electricity demand and tightening supply-demand dynamics across the grid. Yet nuclear is not a single technology. It spans a wide range of reactor designs and sizes, each with distinct economics, risks and deployment pathways, according to BofA Global Research.

Reactor sizes range from large reactors of 1,000-1,200 megawatts (MW), which provide consistent, high-capacity power to the grid, to small modular reactors of roughly 20-300 MW, which offer greater flexibility in where and how they can be deployed. Smaller still, microreactors of 20 MW or less are designed for niche or off-grid applications where reliability, autonomy or energy security are key.

The Institute's latest primer is out today. Read it here: [Nuclear energy: One industry. many reactors.](#)

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