

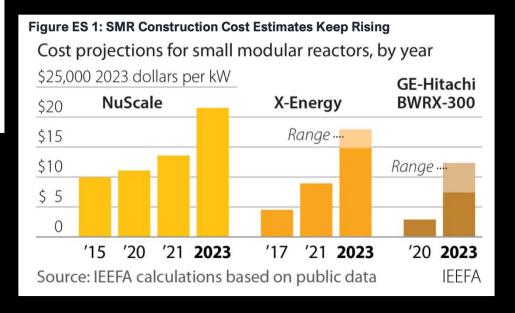
Figure 1: Cost Escalation Experienced by SMRs in Operation or Under Construction 700% 600% 500% 400% 300% 200% 100% Original cost estimate 0% China Russia Argentina Shidao Bay 1 SMR Floating SMRs CAREM 5 SMR as of 2015 as of 2016 as of 2021

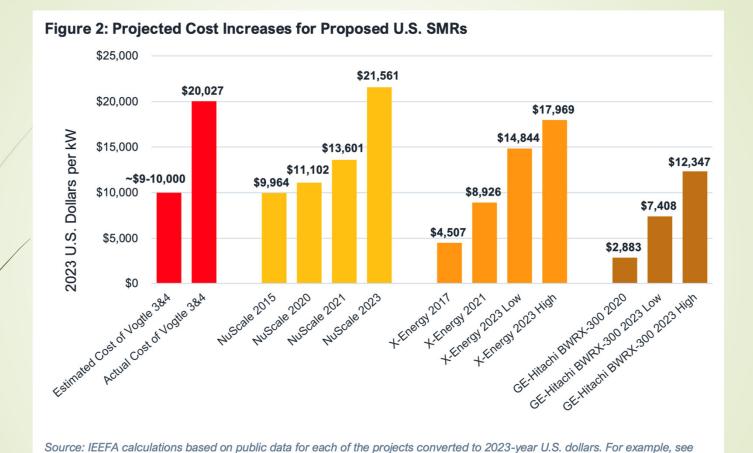
(operating)

(under construction)

(operating)

Money





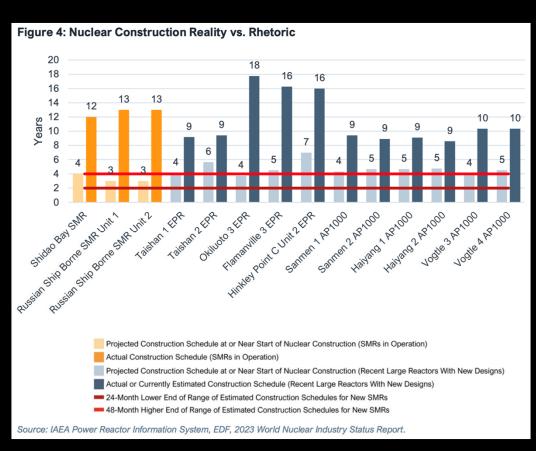
the <u>GE Hitachi website</u>, <u>Four reactors could cost Saskatchewan \$12 to \$20 billion</u>, <u>X-Energy and ARES Acquisition Corporation</u>
Announce Strategic Update, Georgia Power Company's monthly and Quarterly Reports to the Georgia Public Service Commission

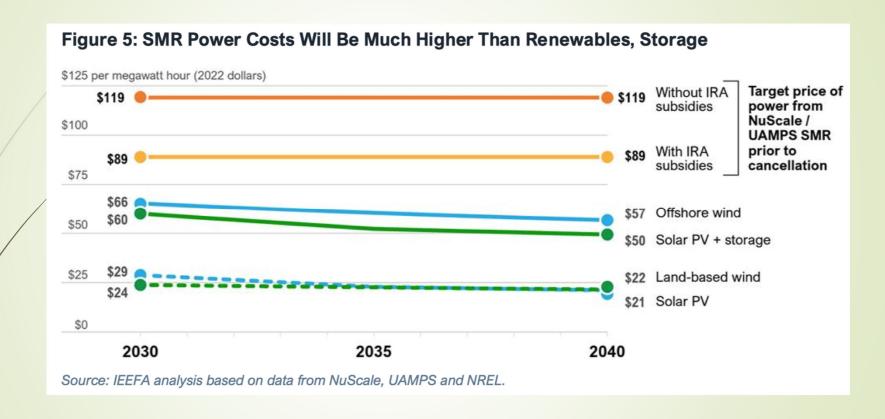
on construction of the Vogtle Nuclear Project and IEEFA reports on NuScale.



Source: IEEFA calculations based on data in the 2023 World Nuclear Industry Status Report and IAEA's Power Reactor Information System.

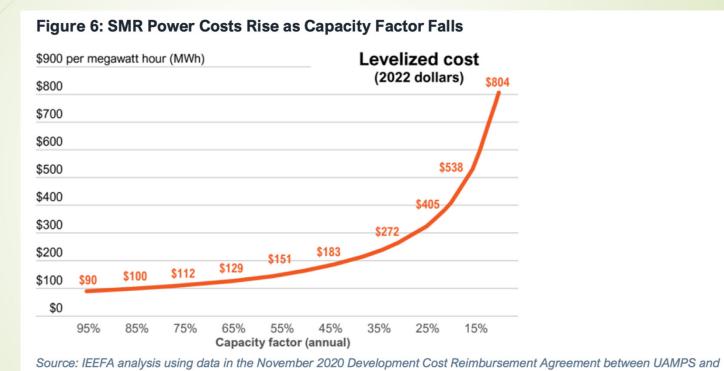
Time





Grid

NuScale.



Small modular reactors still look to be too expensive, too slow to build, and too risky to play a significant role in transitioning from fossil fuels in the coming 10-15 years.

Investment in SMRs will take resources away from carbon-free and lower-cost renewable technologies that are available today and can push the transition from fossil fuels forward significantly in the coming 10 years.

Experience with operating and proposed SMRs shows that the reactors will continue to cost far more and take much longer to build than promised by proponents.

Regulators, utilities, investors and government officials should embrace the reality that renewables, not SMRs, are the near-term solution to the energy transition.