

Small, Advanced and Micro-Reactor Assessments

Commercial & Technical Analysis



UxC, the industry leader in global nuclear market analysis, is pleased to announce a new report titled Small, Advanced and Micro-Reactor Assessments (SAMRA). This new report, to be published in 2023, provides comprehensive profiles of the world's most promising new and advanced reactor designs along with cutting edge market analysis of the viability of these technologies in the future energy marketplace.



What will the future reactor look like?

The global energy markets are in an unprecedented state of flux, as technological, economic, environmental, and political factors are all pushing and pulling in different directions. In the midst of this upheaval, the nuclear power industry is undergoing a fundamental rethink about the best way to deploy new reactor technologies. One answer to the world's future clean energy needs comes from the evolving market for small, advanced, and micro-reactors. Now is the time to evaluate these groundbreaking technologies and assess their future from every angle. Thus, UxC has prepared its new SAMRA report to determine which next-generation nuclear technologies will lead the way.

UxC's SAMRA report aims to find answers to the following key questions:

- What are all the potential market opportunities for advanced nuclear power in today and tomorrow's energy markets?
- How do the currently proposed advanced reactor designs stack up against each other?
- What factors will lead to different advanced reactors being deployed in markets around the world?
- What does the forecast range look like for small and advanced reactor designs through 2050 and what kind of market size does this equate to?

Unrivalled Market Credentials

Detailed Technology Reviews:

- **Evolutionary SMRs:** NuScale, BWRX-300, ACP-100, RITM-200, UK SMR, SMR-160, etc.
- **Advanced Reactors:** HTR-PM, Natrium, Xe-100, IMSR, U-Battery, ARC-100, etc.
- **Micro-Reactors:** USNC MMR, eVinci, Holos, BANR, etc.

UxC has been actively tracking the commercial reactor market for many years. Along the way, our team of analysts have been collaborating with international technical experts from industry and academia, who are authorities in reactor technology and design.

This collaboration has led to several groundbreaking studies, including our 2008 *Nuclear Reactor Technology Assessments*, 2010 *Small Modular Reactor Assessments*, 2011 *Post-Fukushima Report*, and 2013 *SMR Market Outlook*. UxC's new SAMRA report builds on these past successes.

Who Should Buy This Report?

UxC's new SAMRA report will be the only publicly available study that includes independent comparative analyses of the world's advanced reactor designs. Additionally, this report presents constructive analyses and ideas for the future of this evolving and exciting new reactor sector. There are many uses for this study, including:

- Reactor vendors can compare their strengths and weaknesses with those of direct competitors.
- Utilities and other potential customers can evaluate how various reactor designs fit their needs.
- Government agencies, regulatory bodies, international institutions, and research organizations will become more educated on reactors.
- Investors will gain unique insights into the advanced nuclear energy market sector and the prospects for individual reactor suppliers.
- Reactor supply chain companies and fuel cycle suppliers can evaluate the potential opportunities to participate in future projects.



Pricing Information

UxC's SAMRA special report is targeted for publication by early 2023.

For additional information, please contact:
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