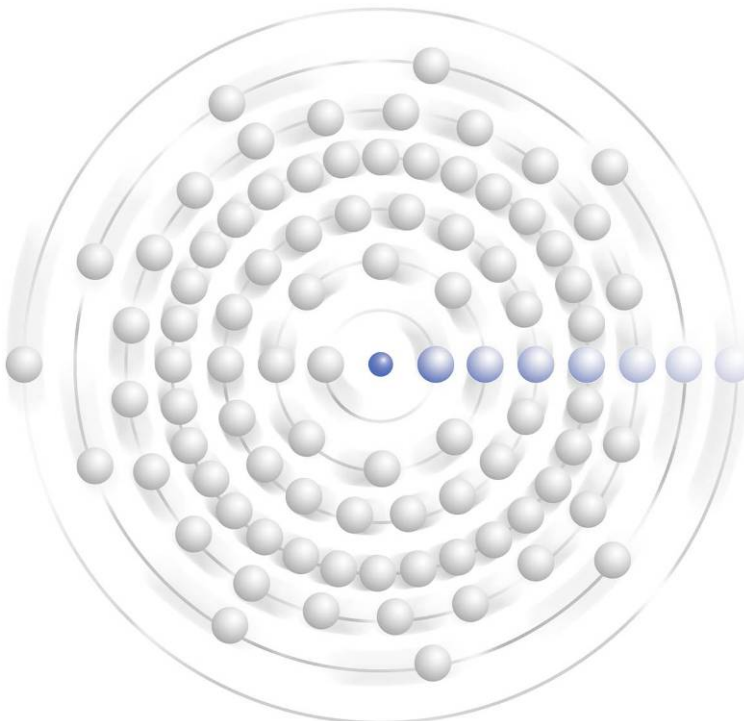




Nuclear Power Outlook



A service of



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Introduction & Overview

The *Nuclear Power Outlook* (NPO) is a quarterly reporting service that provides a comprehensive review and analysis of the issues and developments affecting nuclear power around the world. The NPO report is organized as follows:

The first chapter provides an in-depth discussion and analysis of topics that affect global nuclear power. This quarter's **Chapter 1 – Nuclear Power Market Trends and Analysis** introduces UxC's latest major addition to the NPO forecasts, namely our extension of all three reactor scenarios to 2040 (previously we ended our reactor forecasts at 2030). We are also introducing a new gigawatt-hour (GWh) forecast, which allows for better visualization of future nuclear power operations. Given the continuing uncertainty around Japan, our "In the Spotlight" section provides an updated analysis of the Japanese nuclear power situation. Lastly, we identify who is up and who is down within the global nuclear industry since the last quarter.

In **Chapter 2 – Highlights of Worldwide Reactor Developments**, we provide the latest quarter's highlights of reactor developments in the various countries that comprise the nuclear power regions of the world.

Chapter 3 – Global Nuclear Power Forecast offers conclusions from this latest quarter's UxC nuclear power forecasts for the world. Our forecasts include details on each country through 2030 as well as our three scenarios – Base, High, and Low Cases. The global forecasts incorporate operating reactors as well as new reactors. Note that our new 2040 forecast details are presented in Chapter 1 of this report.

In the following six chapters, we offer information on each country in the world that either has an active nuclear power program or is considering the use of nuclear power. For each nation, we review the latest reactor developments of the past quarter and forecast nuclear power capacity between now and 2040 as seen in our Base Case. Countries are grouped in six separate geographic regions as determined by UxC. The chapters are ordered as follows:

Chapter 4 – Regional & Country Summaries: North America

Chapter 5 – Regional & Country Summaries: Western Europe

Chapter 6 – Regional & Country Summaries: Eastern Europe

Chapter 7 – Regional & Country Summaries: Asia & Oceania

Chapter 8 – Regional & Country Summaries: Africa & Middle East

Chapter 9 – Regional & Country Summaries: South America

The accompanying **Appendix A – Statistical Review** at the end of the report contains numerous tables and figures that provide additional and expanded current and future nuclear power data to those presented in the body of the report.