

Nuclear Power Outlook



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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 & Analysis** focuses on the dramatic changes to national energy policies unfolding in Europe as a result of Russia's war in Ukraine and the implications this is having for nuclear power developments in the region. Our "In The Spotlight" section this quarter reviews a new report by the OECD's Nuclear Energy Agency focusing on nuclear power's role in reaching Net Zero targets by 2050.

In **Chapter 2 – Regional Highlights**, we provide the latest quarter's highlights of reactor developments in the six nuclear power regions of the world.

Chapter 3 – Global Nuclear Power Forecasts offers a review of this latest quarter's UxC nuclear power forecasts for the world. Our forecasts include details on each country through 2050 as well as our Base, High, and Low Case scenarios. The global forecasts incorporate operating reactors as well as new reactors.

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 2050 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.