



# 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 and Analysis** includes a detailed analysis of the latest status of nuclear power in China with focus on recent electric power market reforms and their potential impacts on new reactor construction. Our “In The Spotlight” section reviews the latest energy forecasts issued by the U.S. Energy Information Administration (EIA) and in the 2019 BP Energy Outlook. Lastly, we identify who is up and who is down within the global nuclear industry over the past 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 Forecasts** offers conclusions from this latest quarter's UxC nuclear power forecasts for the world. Our forecasts include details on each country through 2040 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 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.