

Fabrication Market Outlook

Fabrication: The Unique Factor in the Fuel Cycle – 2018 Report

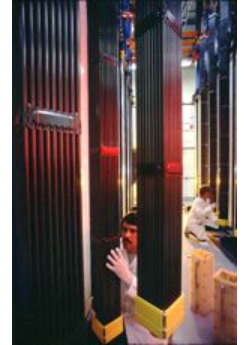
A Global Review and Analysis of the Fuel Fabrication Markets



UxC, LLC (UxC) is pleased to present the 2018 *Fabrication Market Outlook* (FMO), which is the twelfth annual edition in this series. This year's report includes a detailed analysis of the realignments in the nuclear fuel fabrication industry in light of lower future demand outlook as well as recent changes in ownership and structure at the leading fabrication companies.

UxC's team of experts in the fuel fabrication industry have prepared this comprehensive and up-to-date report addressing the commercial, economic, institutional, and technical aspects of this sector. Fabrication's high technical content, need for regulatory approval, and the restriction of fuel assemblies to specific reactors require a unique approach to its market analysis.

To those with little knowledge of fuel fabrication and its markets, this report provides a solid background of how these markets function. To those knowledgeable in the fundamentals, it offers analyses of a variety of its aspects based on decades of participation. To those actively involved in the industry, it supplies updated analysis to assist in developing, implementing, and improving nuclear fuel programs.



What's New in the 2018 FMO?

The 2018 FMO report builds on the content and format adopted in previous years, and of course, all of the discussions and analyses have been updated to reflect the events of the past 12 months. This edition also incorporates numerous improvements to the structure and format of the FMO report.

This year's essay, titled "Realignments in the Global Fabrication Industry", reviews the major changes affecting the various vendors and how these are likely to shape the future of the industry in this post-Fukushima reduced demand environment. Corporate restructurings, consolidation, and reorganizations are occurring with significant implications for suppliers and buyers alike.

We have conducted our tenth annual survey of international utility attitudes toward the fabrication market on many topics. Additional supplier insights have also been gained from research and interviews of the major fabrication vendors.

This year's demand projection is again based on the *UxC Requirements Model*, which takes UxC's proprietary forecasts for nuclear power growth and calculates demand on a reactor basis. The model has been refined to produce even more accurate forecasts, and our forecasts have also been extended by an extra five years through 2035.

As in the past, the focus of the report is fuel for Light Water Reactors (LWRs), i.e., Boiling Water Reactors (BWRs) and Pressurized Water Reactors (PWRs), including VVER designs; but we also include updated discussion of fabrication for pressurized heavy water reactors (PHWRs), gas-cooled reactors in the UK (AGR), and light water cooled, graphite moderated reactors (LGR) in Russia (e.g. RBMKs). We also analyze the fuel market for small modular reactors (SMRs).

The 2018 FMO report provides updated fabrication vendor profiles, including discussions of their latest ownership and organizational structures, fuel design and technology developments, marketing efforts, as well as future prospects.

In addition to extending the supply and demand data to 2035, our 2018 report includes specific year-by-year fabrication price forecasts to 2035, including discussion of the many factors influencing fabrication prices. Additional detailed analysis is included on regional and fuel-specific markets with specific focus on recent market developments related to changes in vendor situations as well as shifting demand trends.

An updated *FMO Reference Document* is also provided, which was created last year in order to make the FMO more user-friendly and to reduce the total volume of the main report. The *Reference Document* includes portions of previous FMO reports that are considered reference materials and have remained relatively constant over the years.




Pricing

The *Fabrication Market Outlook* can be purchased for **US\$5,000.00**. Discounts may be available for existing subscribers to UxC's other Market Outlook report packages. An [order page](#) is available for ordering this report.

Standard Features

Chapters in the 2018 FMO include:

1. Essay: [Realignments in the Global Fabrication Industry](#)
2. Reactor Developments and Demand Outlook
3. Results from UxC Utility Fabrication Market Survey
4. The World's Nuclear Fuel Fabricators
5. Supply and Demand Analysis
6. Global and Regional Market Analysis
7. Nuclear Fuel Fabrication Prices
8. Non-LWR Fabrication Markets

Please see our [product flier](#) and [table of contents](#) in Adobe Acrobat PDF  format.

For additional information, please contact:
Jonathan Hinze • +1 (603) 425-1185 •