



## The Changing Geopolitics of the Nuclear Energy Market – India

### Entering a New Era in the Market

The Ux Consulting Company (UxC) has released a 2009 report on India as part of its series on *The Changing Geopolitics of the Nuclear Energy Market*. At 120+ pages, this report provides a comprehensive overview of India's current and prospective nuclear power program and industry, and nuclear's place in India's overall energy picture.

In presenting India's nuclear power program, the report examines both India's indigenous reactor program and its plans to import reactors. The role of advanced fuel cycles in India, including planned use of thorium, is detailed. In addition, UxC presents its proprietary forecasts for high, base, and low case nuclear power growth scenarios through 2030, examining the potential outcomes for India's nuclear expansion plans. These scenarios are also used to present India's potential requirements for nuclear fuel as well as India's reactor market size.

This report and the others in our *Geopolitical Series* aim to separate the hype from reality and get down to answering serious questions, including:

- How much nuclear capacity and when will they build?

#### Additional Reports in Series:

UxC's *Geopolitical Series* also includes in-depth reports on **China** and **Russia**. Along with India, these countries are likely to be the world's fastest growing nuclear power countries, and their impacts in terms of both supply and demand for nuclear fuel, reactors, and components will have long-lasting consequences on the global nuclear energy market. Discounted package pricing is available.

- What technologies will they choose?
- Which companies will be involved?
- What are the factors helping and/or hindering in their nuclear development?
- Where will they get the fuel to power their reactors?
- What impact will their growth in nuclear power have on other countries in the region or the world?

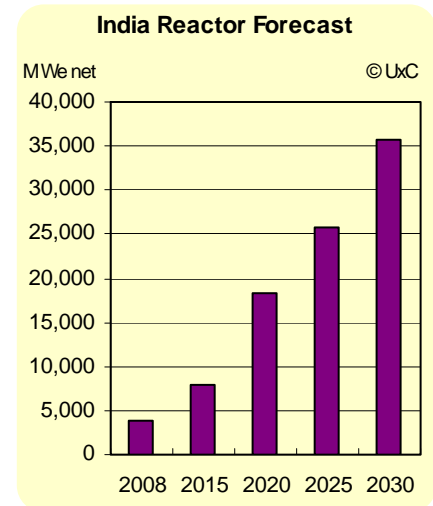
### Comprehensive Coverage

The report identifies and discusses the major and emerging players in India's nuclear power industry, including a breakdown of relevant government agencies, state-owned companies, and private Indian firms. It also details India's reactor program, including current reactors, those under construction, and plans for new reactors.

The report also looks at India's nuclear fuel cycle program, including current and prospective uranium production centers, all the way through the back end and India's plans for long-term spent fuel management and reprocessing. UxC forecasts are provided under different scenarios for India's uranium, enrichment, and conversion requirements through 2030.

As nonproliferation considerations have played and continue to play an important role in India's nuclear power development, the report devotes a chapter to the history and the current status of India's nonproliferation issues and details its international nuclear cooperation agreements, both existing and pending.

To provide a complete picture of the Indian situation, the report includes a chapter on India's international relations, economy, and government



structure. It also contains an appendix on India's history, religions, and culture. There is also an appendix that provides a detailed timeline of India's nuclear program as well as one that lists websites for Indian organizations to assist in further research. A table of contents can be provided upon request.

### Regular Tracking and Updates

This report has also been supported by periodic updates through 2010 to keep clients abreast of further nuclear power developments in India.

The price of this report is \$4,500, although discounts are available for existing customers of UxC's market report products and a special discount is available to *UxC Policy Watch* subscribers. For more information on the India report, please contact Jonathan Hinze at [jonathan.hinze@uxc.com](mailto:jonathan.hinze@uxc.com) or +1-60-425-1185, or Jeffrey Combs at [jeffrey.combs@uxc.com](mailto:jeffrey.combs@uxc.com) or +1-770-642-7745.

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