

Analyzing Nuclear Power in Bulgaria

<https://marketpublishers.com/r/A47B9F57B24EN.html>

Date: August 2012

Pages: 205

Price: US\$ 400.00 (Single User License)

ID: A47B9F57B24EN

Abstracts

The Bulgarian government has a history of favoring the usage of nuclear power for electricity. The 2 MWt IRT-2000 research reactor started up in 1961 and in 1966 an agreement was signed with the Soviet Union for commercial units, providing the basis of the country's power program.

In Bulgaria, the Kozloduy NPP operated six pressurized water reactors with a total output of 3760 MW-electricity. Two of these, units 5 and 6, are currently operational with a total rating of 1906 MW.

The report - Analyzing Nuclear Power in Bulgaria - by Aruvian's R'search, explores the importance of nuclear power in today's world, with Section One being dedicated to Understanding the Basics of Nuclear Power. The report looks at the basics of the nuclear industry that is, how a plant works, analyzing and understanding the fuel cycle, the various components which are involved in the working of a nuclear power plant, and much more. Economics, issues and barriers, and other such factors are also explored in-depth in this report.

This offering includes a complete analysis of the Bulgarian Nuclear Power Industry, including an industry profile, industry developments, Uranium fuel cycle developments, major players in the industry, and lots more information is included in this research report. This research offering is a comprehensive A to Z guide on the Bulgarian nuclear power industry.

Contents

A. EXECUTIVE SUMMARY

SECTION 1: UNDERSTANDING NUCLEAR POWER

B. BASICS OF THE NUCLEAR INDUSTRY

- B.1 History of Nuclear Power
- B.2 Types of Nuclear Reactors
 - B.2.1 Fission Reactor
 - B.2.2 Radioisotope Thermoelectric Generator
- B.3 New & Upcoming Nuclear Technologies
- B.4 Components & Parts of a Nuclear Power Plant
- B.5 Analyzing the Fuel Cycle
- B.6 Managing the Radioactive Waste

C. PROFILING THE GLOBAL NUCLEAR POWER INDUSTRY

- C.1 Industry Overview
- C.2 Uranium Market
- C.3 Market Features
- C.4 Price Trends
- C.5 Managing the Risk in Nuclear Power
- C.6 Industry Trends
- C.7 Economic Trends
- C.8 Nuclear Hedging
- C.9 Future Outlook

D. GLOBAL CLIMATE CHANGE & NUCLEAR POWER

E. CHALLENGES & BARRIERS TO NUCLEAR POWER

- E.1 Air Pollution
- E.2 Financial Challenges
- E.3 Nuclear Safety
- E.4 Nuclear Proliferation
- E.5 Leadership Challenges
- E.6 Regulatory Barriers

- E.7 Water Pollution
- E.8 Other Challenges

SECTION 2: NUCLEAR POWER INDUSTRY IN BULGARIA

A. ENERGY LANDSCAPE OF BULGARIA

B. NUCLEAR POWER IN BULGARIA

- B.1 Overview
- B.2 History of the Industry
- B.3 Industry Synopsis
 - B.3.1 Overview
 - B.3.2 Closure of Kozloduy
 - B.3.3 Completion of the Belene Nuclear Power Plant
- B.4 Looking at the Nuclear Fuel Cycle
- B.5 Managing Radioactive Waste
- B.6 Regulatory Framework
- B.7 Research & Development in the Industry
- B.8 Nuclear Non-Proliferation

C. ANALYZING THE MAJOR NUCLEAR POWER PLANTS IN BULGARIA

- C.1 Belene Nuclear Power Plant
- C.2 Kozloduy Nuclear Power Plant

D. MAJOR INDUSTRY PLAYERS

- D.1 NEK EAD

G. FUTURE PERSPECTIVE FOR BULGARIA'S NUCLEAR POWER INDUSTRY

SECTION 3: CONCLUSION

A. APPENDIX

- A.1 Case Studies of Nuclear Accidents
 - A.1.1 The Chernobyl Accident
 - A.1.2 Three Mile Island

- A.1.3 Tokaimura Accident
- A.2 Nuclear Trade & Industry Organizations
- A.3 Regulation & Regulators for the Nuclear Industry
- A.4 Worldwide Nuclear Research Centers
- A.5 Major Nuclear Power Plants around the World
- A.6 Non Proliferation & Safeguards Organizations
- A.7 Figures & Tables

B. GLOSSARY OF TERMS

I would like to order

Product name: Analyzing Nuclear Power in Bulgaria

Product link: <https://marketpublishers.com/r/A47B9F57B24EN.html>

Price: US\$ 400.00 (Single User License / Electronic Delivery)

If you want to order Corporate License or Hard Copy, please, contact our Customer Service:

info@marketpublishers.com

Payment

To pay by Credit Card (Visa, MasterCard, American Express, PayPal), please, click button on product page <https://marketpublishers.com/r/A47B9F57B24EN.html>