

A photograph of a nuclear power plant with several large, white, hyperboloid cooling towers. Thick white steam is rising from the towers into a clear blue sky with some light clouds. In the foreground, there is a green field. The text 'THE ECONOMICS' is overlaid in a black box at the top, 'OF' is in a smaller black box in the middle, and 'NUCLEAR ENERGY' is in a larger black box at the bottom.

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OF

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Economic Aspects Of Atomic Power

M. C. Leverett



Economic Aspects Of Atomic Power:

Economic Aspects of Atomic Power Sam H. Schurr, Jacob Marschak, 2017-03-14 Economists of the Cowles Commission of the University of Chicago present the first comprehensive study of the long range effects on world economy of atomic power and its implications for industries producing oil coal and electric power The study includes a consideration of the characteristics of atomic power covering source and cost of fuels type of equipment and initial investment required etc and an analysis estimating the future effects of atomic power on residential heating and on the industries producing aluminum iron and steel flat glass phosphate fertilizers fixed nitrogen chlorine caustic soda cement bricks railroad transportation The final chapter discusses the possibilities of atomic power in industrialization of backward areas Originally published in 1950 The Princeton Legacy Library uses the latest print on demand technology to again make available previously out of print books from the distinguished backlist of Princeton University Press These editions preserve the original texts of these important books while presenting them in durable paperback and hardcover editions The goal of the Princeton Legacy Library is to vastly increase access to the rich scholarly heritage found in the thousands of books published by Princeton University Press since its founding in 1905 **Economic Aspects of Atomic Power** ,1930 *Bulletin of the Atomic Scientists* ,1953-05 The Bulletin of the Atomic Scientists is the premier public resource on scientific and technological developments that impact global security Founded by Manhattan Project Scientists the Bulletin s iconic Doomsday Clock stimulates solutions for a safer world **Economic Aspects of Atomic Power** Sam H. Schurr, Jacob Marschak, 1950

Some Engineering and Economic Aspects of Nuclear Energy M. C. Leverett, 1947 *Economics of Nuclear Power, a Literature Search* ,1957 **Economics of Nuclear Power** ,1960 **Economics of Nuclear Power** Geoffrey Rothwell, 2018-12-07 This book is a unique introduction to the economic costs of nuclear power It examines the future of the nuclear power industry and unpacks the complicated relationships between its technical economic and political variables It does so by modelling the costs risks and uncertainties of one of the world s most opaque industries using micro econometrics econometrics and cost engineering Economics of Nuclear Power examines the very important costs of externalities storing of nuclear waste and the impact of a Chernobyl or Fukushima event and compares those to the externalities of alternative carbon based energies oil coal natural gas With over 100 tables and figures this book details nuclear power production around the world present and planned providing a completely global focus It also includes an overview of the past 70 years of international nuclear power developments This book is essential reading for students scholars and professionals interested in energy economics nuclear engineering and energy policy **The Economics of Nuclear Energy** L. G. Brookes, 2013-12-11 When we first contemplated a book on this subject we were faced with a number of options a to write it all ourselves which would have had the merit of internal consistency and continuity of style b to produce a collection of existing papers which would have given us expert views in the various sub fields of the economics of nuclear energy and would have put us in the

position of knowing from the start exactly what the authors contributions would be c to commission contributions from individual specialists chapter by chapter or d some combination of these options We settled for the last we have written some of the material ourselves have obtained permission to use some existing papers that seem to us to be valuable contributions to the subject and have been fortunate in persuading a number of eminent people in their fields to produce papers especially for the book This has given us a great deal of work and taken up more time than we planned for but we believe the result justifies this time and effort It enabled us to design a structure for the book from the outset recognizing that there are several aspects to the economics of nuclear energy especially if we take a broad view of what is embraced by the word economics

Economic Aspects of Atomic Power Cowles Commission for Research in Economics,1950

The Political Economy of Nuclear Energy Dipak Basu,Victoria W. Miroshnik,2019-10-25 Using primarily Russian sources this book explains the political and economic aspects of nuclear power The nuclear fuel cycle is described from the mining of natural uranium to the ultimate power generation and to reprocessing to produce plutonium which is essential for both electricity generation and for weapons production Historical aspects of nuclear developments in Germany the USA India China and the Soviet Union are also considered and explained The book then proceeds to argue that Russia is more powerful today in its nuclear weapons system and delivery than ever before and that it is precisely this which has provoked President Trump to cancel the strategic nuclear weapons reduction treaty

Atomic Power Corbin Allardice,1957

Atomic Energy Costing Warren Young,2012-12-06 In the centennial year of the birth of Sir John Cockcroft first master of my Cam bridge College Churchill and the first man to split the atomic nucleus by artificial means it is indeed relevant to consider the outcome of his efforts at developing atomic power From the earliest days of the construction of Calder Hall the first nuclear power station in Britain and the establishment of the British Atomic Research Center at Harwell and the Chalk River Nuclear Station in Canada through the Windscale nuclear accident in Britain up to the present when some 20% of UK energy is derived from nuclear power the Cockcroft legacy is felt As the British historian Mark Goldie put it in the pure and sanguine 1950s Cockcroft had almost absolute faith in peaceful atoms and in the boundless almost cost free energy that atoms would soon produce Goldie 1997 p 21 But as the eminent economist Frank Hahn recalled the only failing Cockcroft had was that he wasn't up to much in economics Indeed Hahn recalled that he had to explain to Cockcroft the economic notion of optimum durability as it related to the interest rate in the context of building Churchill College with hand made bricks After his explanation as Hahn recalled Cockcroft smiled and proceeded to order more hand made bricks Hahn 1997 p 27

Atomic Power and Private Enterprise United States. Congress. Joint Committee on Atomic Energy,1952 SCOTT copy 1 From the John Holmes Library collection

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