

Energy options: real economics and the solar-hydrogen system

Abstract

All price comparisons being made at present, upon which energy decisions only effective decades later are being made, are irrelevant, the author feels. The relevant economics is that of the time beyond the year 2000, when the fossil fuels will be playing a diminishing role in the energy mix, at energy prices greatly above those of the present time. This book attempts to put numbers in the various years concerned, and to discuss now the financing. It shows that the coal-nuclear policy, which is the basis of the present energy thrust in research and in financing, is incompatible with environmental and health considerations. However, Prof. Bockris notes that the alternatives are not those of having nuclear energy or having gross unemployment, but rather those of having nuclear energy or solar energy on a massive scale by means of collection in desert areas. Solar energy is not primarily a source for rooftops and water heating, but one which could supply factories, industries, commerce and transportation. The key to the difference in viewpoint is the introduction of hydrogen as a transmission, storage, and distribution medium, the hydrogen coming from the electrolysis of water, and the electricity for this coming from the solar [more »](#)

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