For immediate release

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New Book Explains Why Current Energy System Isn't Working – and How to Fix It Using an "Agile" Structure Focusing on Renewable Sources

LOS ANGELES – With global instability and growing demand sending oil prices soaring to more than $50 a barrel, the future of energy has become a major policy issue for leaders around the world. The question is, how can they prepare for a post-fossil fuel era?

In a new book, *Agile Energy Systems, Global Lessons from the California Energy Crisis,* authors Woodrow W. Clark II, a senior fellow at the Milken Institute, and Ted K. Bradshaw, a professor at the University of California, Davis, offer a roadmap to that future – one that focuses on renewable energy like wind, sun and water along with combinations of technologies that include the use of hydrogen. The key to this new "paradigm," Clark and Bradshaw say, is to diversify fuel sources with increasing focus on renewables and the future which can be a hydrogen economy.

Using the California electricity crisis of 2000-2001 as the prime example of an energy system gone wrong and seen since then in California as well as other regions of the USA and EU, the authors provide not only a litany of reasons why the current deregulated system isn't working, but why an "agile energy system" – one that replaces the old vertically integrated regulated utility with one based on renewable energy generation and hybrid or combined technologies – will supply us with a constant, efficient supply of energy while reducing our dependence on fossil fuels. Some authors liken the new energy system to the internet or wireless infrastructure where flexibility and diversity are critical.

"This book is a promissory note for a global clean and green energy future," says Jeremy Rifkin, founder and president of the Foundation on Economic Trends. "It defines what the practical world of energy is today and can be in the future."

Agile Energy Systems, part of publisher Elservier's Global Energy Policy and Economics Series, is divided into three sections. Part one describes the five precipitating factors that led to the deregulation debacle in California: 1) major technological changes and commercialization, 2) regulatory needs mismatched to societal adjustments, 3) inadequate and flawed economic models, 4) lack of vision, goals and planning leading to energy failures, and 5) failure and lack of economic regional development. Part two examines how "civic markets," new economic models and planning for complexity as sustainable economic development can create an agile energy system within California. Part three examines the emerging "clean" hydrogen technology and its importance to the future of energy systems.

IN SHORT

For a quote on the book and its theme consider this:

"The purpose of the book was to document how California got into an energy crisis but more importantly what the state learned from it so that new ideas and programs could be implemented. The fact is, however, California (and the USA) still do NOT have energy plans and the reasons tend to be similar: lack of focus on a 'civic core', as we call it in the book. That is, the extreme ideologies prevail, rather than the focus on societal good and striving to reach that vision together. The civic core must be achieved and then implemented through partnerships and collaborations from the public and private sectors working together."

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~~ BOOKS ~~
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AGILE ENERGY SYSTEMS
Agile Energy Systems
Global lessons from the California energy crisis
W. Clark, T. Bradshaw; ISBN: 0080444482

A Critical look at the past... Important lessons for the future.

Overviews lessons from the California deregulation debacle, leading to an 'agile' energy system, which is now being implemented in countries across the globe.

For more details and ordering information, please visit:

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Praise for the book

"This book accomplishes what the energy community sorely needs – an evaluation of the California energy crisis not as an exercise in casting blame, but in an effort to learn valuable lessons for the future."
-- **Daniel Kammen**, Director, Renewable and Appropriate Energy Laboratory; Professor, University of California, Berkeley

"An excellent book on a very important subject. The lessons from the Californian energy crisis are relevant for many countries around the world, and these lessons are very well described by Dr. Clark and Dr. Bradshaw."
-- **Henrik Lund**, Associate Professor, Department of Planning and Development, Aalborg University, Denmark

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- Woodrow W. Clark II is a senior fellow at the Milken Institute and managing director of Clark Communications LLC. He was the senior policy advisor (2000-2003), energy reliability, to California Gov. Gray Davis, where he was responsible for renewable energy, finance and emerging technologies, such as hydrogen. He is an international visiting professor in Denmark, Italy and China.
- Ted K. Bradshaw, who teaches and lectures internationally, is a professor in the Human and Community Development Department at the University of California, Davis.

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