

# JONATHAN G. KOOMEY

---

6429 Harwood Ave  
Oakland, CA 94618  
510/547-7860w/f, 510/654-9634h  
JGKoomey@earthlink.net

## EDUCATION

---

- 1990, 1986 **University of California, Berkeley.** Ph.D. and M.S., Energy and Resources Group. Coursework in energy engineering, physics, economics, energy policy, and environmental science. Ph.D. Dissertation: Energy Efficiency in New Office Buildings: An Investigation of Market Failures and Corrective Policies.
- 1984 **Harvard University,** Cambridge, MA. B.A., Cum Laude, History of Science. Dean's List 1980-84. Harvard College Scholarship for academic excellence 1981-84. Sperry & Hutchinson Scholarship 1980-84. Coursework in physics, engineering, computer science, economics, philosophy, history, and history of science.

## AWARDS

---

- 1998, 2001 LBNL outstanding performance awards for taking leadership roles in the 1997 Interlaboratory study on scenarios of U.S. carbon reductions and the 2001 California Energy Crisis web site <<http://savepower.lbl.gov/>>.
- 1994 National Research Council award for excellence in transportation research for the Transportation Research Record article titled "Improving Fuel Economy: A Case Study of the 1992 Honda Civic Hatchbacks".

## WORK EXPERIENCE

---

- 9/2003-6/2004 **MAP/Ming visiting professor in Energy and Environment, Stanford University.**
- 7/2003-present **Senior Fellow, Rocky Mountain Institute.**
- 10/1984-6/2003 **Staff Scientist-Group Leader (since 1991)/Post Doc (1990-91)/Research Assistant (1984-90)** at the Lawrence Berkeley National Laboratory's Energy Analysis Department in Berkeley, CA. Important achievements:
- Starting and leading (since 1991) the End-Use Forecasting group (<http://enduse.lbl.gov>), which provides technical support for the U.S. Environmental Protection Agency and Department of Energy. Responsible for direct supervision of more than a dozen researchers and other staff, with a budget of \$1.5-\$2M/year.
  - Conducting technical and market analysis for the U.S. Environmental Protection Agency's Atmospheric Pollution prevention division, which is responsible for the EPA's ENERGY STAR programs.
  - Leading the team to analyze the Clinton Administration's proposed tax incentives for efficient equipment in the building sector, as part of the President's Climate Change Technology Initiative announced in the State of the Union Address in January 1998.
  - Participating as a primary author of two interlaboratory analyses of the cost of reducing carbon emissions in the U.S. in 1997 and 2000. Principle author of the analysis on efficiency in buildings, and responsible for integrating cost analysis and modeling for both studies.

- Producing (as author or coauthor) more than 130 articles and reports on energy conservation technology, energy economics, energy policy, environmental externalities, global climate change, and cost-benefit comparisons between competing demand- and supply-side resources.
- Presenting invited testimony before energy regulatory bodies in Wisconsin (1988) and California (1990). Invited and scheduled to testify before Congress in September 2001 about electricity used by data centers, but those hearings were canceled after September 11<sup>th</sup> and not rescheduled.

- 1993- Present    **Member, editorial board** of the journal *Contemporary Economic Policy*.
- 2001-2002        **Guest Editor** for a special issue of the journal *Resources Conservation, and Recycling* on information technology and resource use.
- 2/2001- 11/2001 **Lecturer** for an internationally known energy company (Portland, OR), using my book *Turning Numbers into Knowledge* to teach a 1 day summary of the U.S. Energy System/Tricks of the Trade class to some of the company's new hires. Conducted five such classes in 2001.
- 8/2001            **Author** of *Turning Numbers into Knowledge: Mastering the Art of Problem Solving*. Published by Analytics Press, in Oakland, CA. <<http://www.numbersintoknowledge.com>>.
- 11/2000          **Visiting Scholar** at the Department of Applied Physics, University of Sydney.
- Spring 2000      **Senior Lecturer** at the Energy and Resources Group, at the University of California, Berkeley. Class: *Tricks of the Trade*.
- 7/1999            **Lecturer** at the Central European University, in Budapest, Hungary for course titled "Energy Policy for Economies in Transition". Taught comparative economics of power generation and efficiency technologies, analytical techniques for evaluating those technologies, and key historical events in energy policy.
- 1996              **Consultant** for the International Energy Agency (Paris), assessing energy use and potential savings in commercial sector office equipment.
- 1989 +            **Coauthor**, with Florentin Krause and Wilfred Bach, of *Energy Policy in the Greenhouse: Volume 1--From Warming Fate to Warming Limit: Benchmarks for a Global Climate Convention*. Published by the International Project for Sustainable Energy Paths, El Cerrito, CA. September 1989 and by John Wiley and Sons, 1992. Also coauthor of five other books in this series.
- 1986- 1990      **Commissioner**, City of Berkeley Energy Commission.

## **MEDIA**

---

- Appeared on**    Nova/Frontline, BBC Radio, CNBC, All Things Considered, Marketplace, On the Media, Tech Nation, The California Report, Tech TV, and CNET and KQED radio.
- Quoted in**        New York Times, Wall Street Journal, Barron's, Washington Post, Christian Science Monitor, Dow Jones Newswires, USA Today, SF Chronicle, Science, American Scientist, Science News, Inside Energy, Environment and Energy Daily, Interactive Week, MacWeek, Business 2.0, Oakland Tribune, and Salon.com.

## **OTHER INTERESTS**

---

Aikido, classical contrabass, astronomy, hiking, running, cooking.