

Energy and Power

Energy and Society (General), Coal, and Oil Industry

- Beaudreau, Bernard C. *Energy and the Rise and Fall of Political Economy* ((Westport, Conn.: Greenwood Press, 1999). Argues that political economics have erred in their theories because they forgot to take energy into account in their analyzes of mechanization.
- Buxton, Neil K. *The Economic Development of the British Coal Industry from Industrial Revolution to the Present Day* (London: Batsford Academic, 1978).
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- **E. Cook, *Man, Energy, Society*, San Francisco, 1976. Read esp. chapters 5, 7, 8. 10. This books is in my top ten list.
- Clark, John G. *Energy and the Federal Government: Fosßsil Fuel Policies, 1900-1946* (University of Illinois Press, 1987).
- **Deffeyes, Kenneth S. *Hubbert's Peak: The Impending World Oil Shortage*. Princeton, NJ: Princeton University Press, 2001. Know the main argument, esp. chaps. 1, 7, 8.
- Darley, Julian. *High Noon for Natural Gas: The New Energy Crisis*. Chelsea Green Publishing Company (September 1, 2004).
- Melosi, Martin V., ed. *Coping with Abundance* (Temple University Press, 1985).
- *Nye, David. *Consuming Power: A Social History of American Energies*. MIT Press, 1998. Good historical overview of US energy use history, although not analytical and statistical enough for my taste, but nicely written and insightful.
- S.H. Schurr and B.C. Netschert, *Energy in the American Economy: An Economic Study of Its History and Prospects*, Baltimore, 1960.
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- Michael T. Klare. *Blood and Oil : The Dangers and Consequences of America's Growing Dependency on Imported Petroleum* (The American Empire Project). Metropolitan Books, 2004.
- Michael C. Ruppert. *Crossing the Rubicon: The Decline of the American Empire at the End of the Age of Oil*. New Society Publishers, 2004.
- Julian Darley. *High Noon for Natural Gas: The New Energy Crisis*. Chelsea Green Publishing Company, 2004.
- C. J. Campbell. *The Coming Oil Crisis*. Multi-Science Publishing Co. Ltd., 2004. (He is an oil business technical expert, among the ones who applied Hubbert's methods to world oil production.)
- Richard Heinberg. *The Party's Over: Oil, War and the Fate of Industrial Societies*. New Society Publishers, 2003.
- Michael T. Klare . *Resource Wars: The New Landscape of Global Conflict*. Owl Books, 2002.

- David Goodstein. *Out of Gas: The End of the Age of Oil*. W. W. Norton & Company, 2004. (by a Caltech prof)
- **Paul Roberts. *The End of Oil: On the Edge of a Perilous New World*. Houghton Mifflin, 2004. First-rate account (by a journalist familiar with the oil industry. Excellent!)
- Ross Gelbspan. *Boiling Point: How Politicians, Big Oil and Coal, Journalists and Activists Are Fueling the Climate Crisis--And What We Can Do to Avert Disaster*. Basic Books, 2004. Pulitzer prize winning journalist.
- Jeremy K. Leggett. *The Carbon War: Global Warming and the End of the Oil Era*. Routledge, 2001. by an oil geologist.

Hydraulic and Steam Power (very partial listing)

- Bathe, Greville and Dorothy. *Oliver Evans: A Chronicle of Early American Engineering* (Historical Society of Pennsylvania, 1935).
- Hills, Richard L., *Power from Steam: A History of the Stationary Steam Engine* (Cambridge: Cambridge University Press, 1989). The best history.
- Hunter, Louis C. and Lynwood Bryant. *A History of Industrial Power in the United States, 1780-1930*. 3 vols (MIT Press, 1991). Monumental History.
- L.C. Hunter, *Waterpower in the Century of the Steam Engine*, Charlottesville, Virginia, 1979.
- Layton, Edwin T. "Millwrights and Engineers, Science, Social Roles, and the Evolution of the Turbine in America." In Wolfgang Krohn, Edwin Layton and Peter Weingart, eds. *The Dynamics of Science and Technology*. *Sociology of the Sciences Yearbook*, II. Dordrecht: D. Reidel, 1978: 61-87.
- Pursell, Carroll. *Early Stationary Steam Engines in America* (Smithsonian Institution, 1969).
- Robinson, Eric and A. E. Musson, *James Watt and the Steam Revolution* (New York: Kelley, 1969). Key work on Watt.
- Rolt, L. T. C., et al. *The Steam Engine of Thomas Newcomen* (Ashbourne, England: Landmark Publishing, 1997). The major work on this topic.
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- Von Tunzelmann, G. N., *Steam Power and British Industrialization to 1860* (Oxford: Clarendon Press, 1978).

Electric Light and Power (including Hydroelectric)

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Nuclear Power, Fusion, Hydrogen

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