
BIBLIOGRAPHY

- Army, M. D. and R. J. Harsevoort. "A Method for Comparing the Contribution of Supply-Side and Demand-Side Resources to Customer Reliability." Draft, 1994.
- Beckman, W.A., Mitchell, J.W., et al. "Demand Side Management Advantages of Active Solar Energy Systems," *Proceedings of the International Solar Energy Society World Conference*, Budapest, Hungary, August 1993.
- Brower, Michael C., et al. *Powering the Midwest: Renewable Electricity for the Economy and the Environment*. Union of Concerned Scientists, 1993.
- Carpenter, A., et al. "The Potential for Utility Peak Load Reduction Through Use of Solar Domestic Hot Water Systems." Solar Calorimetry Laboratory, Queen's University, Kingston, Ontario, 1991.
- Christensen, Craig and Jay Burch. "Monitoring Approaches for Utility Solar Water Heating Projects," *Proceedings of the 1994 American Solar Energy Society Annual Conference*. June 27-30, 1994.
- Crowley, Mary. "The U.S. Role in the International Remediation Market," *Environmental Remediation Technology*. Business Publishers, Inc. September 1994.
- DeLaune, Jeffrey L., Chip L. Bircher, and Richard L. Lane. "Wisconsin Public Service's Orphan Solar Program," *Proceedings of the 1994 American Solar Energy Society Annual Conference*. June 27-30, 1994.
- Duffie, John A., Beckman, William A. *Solar Engineering of Thermal Processes 2nd Edition*. John Wiley & Sons, 1991.

El-Wakil, M.M., *PowerPlant Technology*, McGraw-Hill Book Company, New York 1884.

Electric Power Research Institute (EPRI). *Commercial Water Heating Applications Handbook*. December 1992.

Electric Power Research Institute (EPRI). *End-Use Technical Assessment Guide (End-Use TAG) Volume 4: Fundamentals and Methods*. April 1991.

Electric Power Research Institute (EPRI). *HOTCALC 2.0 Commercial Water Heating Performance Simulation Tool: User's Guide*. June 1993.

Electric Power Research Institute (EPRI). *WATSIM User's Manual Version 1.0*. October 1992.

Electric Power Research Institute (EPRI). *Water Heating for Single-Family Residences: Group Load Research and Analysis*. EPRI report no. EA-4006, May 1985.

Ewart, Michael, John E. Hoffner, and David Panico. "Case Study of Electric Utility Demand Reduction With Commercial Solar Water Heaters," *Transactions of the ASME*. Volume 113, May 1991.

Flavin, Christopher. *Power Surge: Guide to the Coming Energy Revolution*. The Worldwatch Environmental Alert Series. W. W. Norton and Company. New York, 1994.

Gas Appliance Manufacturers Association Inc. *Consumers Directory of Certified Efficiency Ratings for Residential Heating and Water Heating Equipment*. April 1992.

Gillen, John J. (Coopers & Lybrand). "Environmental Issues," *Wisconsin Utilities Association 1991 Accounting Conference*. Pewaukee, WI. June 10, 1991.

Grater, Jurgen. *Impact of Ensemble Systems*. M.S. Thesis, University of Wisconsin-Madison, 1992.

Guile, Thomas W.(A.O. Smith Water Products). "Water Heater Efficiencies and Designs." Energy Expo 1992 Presentation.

Heinz, Kim A.(Coopers & Lybrand). "Acid Deposition Reduction Legislation: The Utility Issue of the 1990's." *The Wisconsin Utilities Association 1991 Accounting Conference*. June 10, 1991.

Hill, Lawrence J., Eric Hirst, and Martin Schweitzer. "From DSM Technologies to DSM Programs: Issues in Demand-Side Planning For Electric Utilities," *Energy*. Volume 17, No. 2, pp.151-160, 1992.

Hiller, C.C., Lowenstein, A.I., and Merriam, R.L. "Detailed Water Heating Simulation Model," *ASHRAE Transactions*. Volume 100, Part 1, 1994.

IRT Environment, Inc. *Sacramento Municipal Utility District Solar Domestic Hot Water Heating: Profile #66*. The Results Center, 1993.

Klein, S. A. (Domestic Hot Water System Home Experiments) Personal communication, 1994.

Klein, S.A. and W.A. Beckman. *F-Chart: Solar Energy Systems Analysis Software*. 1981.

Klein, S.A., et al. *TRNSYS: A Transient System Simulation Program*. University of Wisconsin - Madison, Engineering Experiment Station Report 38-12, Version 14, 1994.

Merrigan, Tim and Danny Parker (Florida Solar Energy Center). "Electrical Use, Efficiency, and Peak Demand of Electric Resistance, Heat Pump, Desuperheater, and Solar Hot Water Systems," *Proceedings of the 1994 American Solar Energy Society Annual Conference*. June 27-30, 1994.

Murley, Clifford S. and Donald E. Osborn. "SMUD's Residential and Commercial Solar Domestic Hot Water Programs," *Proceedings of the 1994 American Solar Energy Society Annual Conference*. June 27-30, 1994.

- Mutch, J.J., "Residential Water Heating, Fuel Consumption, Economics, and Public Policy," *RAND Report R1498*, 1974.
- National Association of Regulatory Utility Commissioners. *Environmental Externalities and Electric Regulation*. September 1993.
- Orans, Ren, Chi-Keung Woo, and Roger Pupp. "Demand Side Management Investment and Electric Power Exchange," *Energy*. Volume 19, No.1, pp.63-66, 1994.
- Pace University Center for Environmental Legal Studies. *Environmental Costs of Electricity*. Oceana Publications, Inc., New York 1990.
- Poplawski, Laurie. *Solar Resource Guide*. January, 1993.
- Passell, Peter. "For Utilities, New Clean-Air Plan: A Swap May Lead To A Global Effort," *The New York Times*. November 18, 1994.
- Pontikakis, Nikos, and Ruth, Douglas, W. "Electrical Residential Water Heating: A Consumption and Conservation Survey," *ASHRAE Transactions 1994*. Volume 100, Pt. 2, 1994.
- Public Service Commission of Wisconsin. *Advance Plan 6: Findings of Fact, Conclusion of Law and Order: Docket No. 05-EP-6*. Madison, WI 1992.
- Public Service Commission of Wisconsin. *Advance Plan 7: Technical Support Document D24: Power Supply*. Madison, WI. January 17, 1994.
- Public Service Commission of Wisconsin. *Integrated Resource Planning Guidelines for Wisconsin*. Electric Division. August 1993.
- Public Service Commission of Wisconsin Solar Task Force. *Advance Plan 7 Solar Task Force Minutes Final Report*. December, 1993.
- Reindl, Douglas T., et al. "Characterizing the Marginal Basis Source Energy Emissions Associated with Comfort Cooling Systems." Thermal Storage Applications Research Center. Draft 1994.

- Sim, Steven R. "Residential Solar DSM Programs at Florida Power and Light," *Solar Today*. September/October, 1991.
- Solar Rating & Certification Corporation. *Directory of SRCC Certified Solar Collector and Water Heating System Ratings*. Washington D.C. January, 1993.
- Stalen, Dr. Charles G. "Overcoming Regulatory Impediments To Efficient Trading of Emission Credits," *The New Clean Air Act: What Lies Ahead for Electric Utilities Conference*. Public Utilities Reports, Inc. Washington, D.C. 1990.
- Starkweather, Sandra. "An Exogenous Analysis of Solar Domestic Hot Water Heating as a DSM Technology." Independent Study Paper, University of Wisconsin - Madison Solar Energy Laboratory, 1992.
- Temple, Barker & Sloane, Inc. "Environmental Externalities: An Overview of Theory and Practice." Electric Power Research Institute. July 13, 1990.
- United States Environmental Protection Agency (E.P.A.). "Allowance System: Proposed Acid Rain Rule," *Air and Radiation Division Report*. December 1991.
- United States Environmental Protection Agency (E.P.A.). "Proposed Acid Rain Rules: Overview," *Air and Radiation Division Report*. December 1991.
- Warren, Kevin W. *Determining the Impact of Residential Gas Furnaces on Utilities with Applications to Other End Uses*. M.S. Thesis, University of Wisconsin-Madison, 1993.
- Washington State Energy Office (WSEO). "Water heater Market Analysis." Prepared for the Bonneville Power Administration. June 1991.
- Wisconsin Center for Demand-Side Research (WCDSR). *Wisconsin Demand-Side Option Database (W-DOD)*. October, 1994.
- Wisconsin Center for Demand-Side Research (WCDSR). *Wisconsin's Statewide Technical & Economic Potential*. 1994.

Wisconsin Energy Bureau (WEB). "An Economic and Environmental Comparison of Conventional and Solar Domestic Hot Water in Wisconsin." Draft, July 1993.

Wisconsin Legislative Reference Bureau. *State of Wisconsin Blue Book, 1993-1994*.