
REFERENCES

- Arny, M.D. and R.J. Harsevoort, “*A Method for Comparing the Contribution of Supply Side and Demand Side Resources to Customer Reliability.*” Draft, 1994
- Askeland, D.R., The Science and Engineering of Materials. 3rd edition, Boston: PWS Publishing Company, 1994.
- Barnaby, C.S., and B.A. Wilcox, “*Freeze Protection for Flat Plate Collectors Using Heating.*” Solar Energy Journal 19.6 (1977) : 745-746.
- Beer, F.P., and E.R. Johnston Jr., Mechanics of Materials. 2nd edition, New York: McGraw Hill, Inc., 1992.
- Bickle, L.W., “*Passive Freeze Protection for Solar Collectors*” Solar Energy Journal 17.6 (1975) : 373-374.
- Beckman, W.A., S.A. Klein, and J.A. Duffie, Solar Heating Design by the *f*-Chart Method. New York: John Wiley and Sons, Inc., 1977)
- Bradley, J.M., “*Development of a Freeze Tolerant SDHW System Using Cross Linked Polyethylene as a Material of Construction,*” USDOE Contract EY-76-C-02-2956 (1977)
- Buckles, W.E., MS Thesis, Mechanical Engineering, University of Wisconsin-Madison (1983). “*Short Term Monitoring and Performance Evaluation of Solar Domestic Hot Water Systems.*”
- Commonwealth Electric Rate Card, 1997
- Craig, S., and G.L. Harding, “*Thermosiphon Heat Extraction and Automatic Freeze Protection in a Hot Water System Incorporating Evacuated Solar Collectors*” Solar Energy Journal 38.4 (1987) : 297-301.
- Cragan, K.E., MS Thesis, Mechanical Engineering, University of Wisconsin-Madison (1994). “*Impact on a Utility of an Ensemble of Solar Domestic Hot Water Systems.*”

Dayan, M., MS Thesis, Mechanical Engineering, University of Wisconsin-Madison (1997). *High Performance in Low Flow Solar Domestic Hot Water Systems.*”

Duffie, J.A., and W.A. Beckman, Solar Engineering of Thermal Processes. 2nd edition, New York: John Wiley and Sons, Inc. (1991)

Fanney, A.H., and B.P. Dougherty, “*A Photovoltaic Solar Water Heating System*,” presented at ASME International Solar Energy Conference, San Antonio, TX, April, (1996)

Farrington, R., “*Polybutylene Pipe Freeze/Thaw Reliability Testing*.” American Solar Energy Society Annual Conference Proceedings (1987)

Holman, J. P., Heat Transfer. 7th edition, New York: McGraw Hill, Inc., 1990.

<http://stats.bls.gov/news.release/cpi.nws.htm>

Jahnig, D., MS Project, Mechanical Engineering, University of Wisconsin-Madison (1997). “*Photovoltaic Water Pumping*.”

Klein, S.A., FEHT-Finite Element Heat Transfer Software, version 6.99, 1997

Klein, S.A., *f*-Chart software, version 5.88W, 1997

Klein, S.A. et al., TRNSYS 14.2 Reference Manual. Solar Energy Laboratory, University of Wisconsin-Madison, July, 1996

Klein, S.A. et al., TRNSED Version 2.0. Solar Energy Laboratory, University of Wisconsin-Madison, June, 1996

Klein, S.A. et al., TRNSHELL Version 2.0. Solar Energy Laboratory, University of Wisconsin-Madison, June, 1996

Lutgens, F.K. and E. J. Tarbuck, The Atmosphere

Meaken, D. A., Directory of SRCC Certified Solar Collector and Water Heating System Ratings. Washington, DC: SRCC, 1994

Madison Gas and Electric Rate Card, 1997

National Solar Radiation DataBase (1961-1990). Golden, National Renewable Energy Labs, 1992

Peters, J.S., D. Robison and R. Winch, “*Final Report: Wisconsin Domestic Water Heater Market Research,*” (1997)

Smith, C.R. Secretary, Weather Atlas of The United States. Detroit: Gale Research Company: (1975)

Trzesniewski, J.A., MS Thesis, Mechanical Engineering, University of Wisconsin-Madison (1995). “*Electric Utility Interest in Solar Energy Systems*”

Williams, P.A., MS Thesis, Mechanical Engineering, University of Wisconsin-Madison (1996). “*Development and Analysis Tool for Photovoltaic-Powered Solar Water Heating Systems.*”