

Document Database

5 New Additions!

Updated July 2005

Advanced Systems

1. *Building Science Corporation Architecture Case Studies Example Plans*. 14 pp.; Record No. 35238. ([PDF 3.0 MB](#))
2. Temple, K. (2002). *Strategies for Achieving Low Energy Homes*. 125 pp.; Record No. 34813. ([PDF 3.2 MB](#))
3. Barley, C. D.; Torcellini, P.; Van Geet, O. (2003). *Design and Performance of the Van Geet Off-Grid Home*: Preprint. 11 pp.; NREL/CP-550-32764. ([PDF 594 MB](#))
4. *Building America Field Project: Results for the Consortium for Advanced Residential Buildings (CARB)*, January to October 2001. (2002). 38 pp.; NICH Report No. SR-550-31380. ([PDF 2.4 MB](#))
5. Torrero, E.; McClelland, R. (2002). *Residential Fuel Cell Demonstration Handbook: National Rural Electric Cooperative Association Cooperative Research Network*. 88 pp.; NICH Report No. SR-560-32455. ([PDF 3.4 MB](#))
6. James, M.; Peckler, D. *Putting Technology into Practice. At the Village Green in Los Angeles, new kinds of partnerships and new energy-efficient applications work hand-in-hand*. Home Energy Magazine, March/April 2001; pp. 42-44; NICH Report No. 31212. (No PDF)
7. Balcomb, J. D.; Hayter, S. J.; Weaver, N. L. (2001). *Hourly Simulation of Grid-Connected PV Systems Using Realistic Building Loads: Preprint*. 9 pp.; NICH Report No. CP-550-29638. ([PDF 456 KB](#))
8. Sikora, J. L. (2001). *Energy Value Housing Award Guide: How to Build and Profit with Energy Efficiency in New Home Construction*. 89 pp.; NICH Report No. SR-550-28996. ([PDF 1.7 MB](#))
9. Balcomb, J. D.; Hancock, C. E.; Barker, G. (1999). *Design, Construction, and Performance of the Grand Canyon House*. Toward Net Energy Buildings Case Studies Series. 108 pp.; NICH Report No. TP-550-24767; DOE/GO-10099-795. ([PDF 3 MB](#))



National Renewable Energy Laboratory

10. Wortman, D.; Echo-Hawk, L. (1999). *Photovoltaic and Solar-Thermal Technologies in Residential Building Codes: Tackling Building Code Requirements to Overcome the Impediments to Applying New Technologies*. Weichman, J.; Hayter, S.; Gwinner, D., eds. 86 pp.; NICH Report No. TP-550-26579. ([PDF 1 MB](#))
11. Hayter, S. J.; Torcellini, P. A.; Neimeyer, J. (1997). *Tierra Concrete Homes: Low-Energy Residential Building Design*. Campbell-Howe, R.; Wilkins-Crowder, B., eds. Proceedings of the 22nd National Passive Solar Conference, 25-30 April 1997, Washington, D.C. Boulder, CO: American Solar Energy Society; pp. 1-4; NICH Report No. 22682. (No PDF)

Affordable Housing

1. Norton, P.; Stafford, B.; Carpenter, B.; Hancock, C. E.; Barker, G.; Reeves, P.; Kriescher, P. (2005). *Affordable High-Performance Homes: The 2002 NREL Denver Habitat for Humanity House, A Cold-Climate Case Study*. 19 pp.; NREL/TP-550-36150. ([PDF 847 KB](#))
2. *Habitat Metro Denver—Perfecting Award-Winning Affordable Homes Using Building America's Integrated Design Approach*. Building America (Brochure). (2004). 6 pp.; NREL/BR-550-36102; DOE/GO-102004-2030. ([PDF 627 KB](#))
3. Home Energy Magazine (2004). *Moving Toward Zero Energy Affordable Housing*. 2 pp; Record No. 36475. ([PDF 228 KB](#))
4. Lstiburek, Joseph; Brennan, Terry. (2001). *Read This Before You Turn Over A Unit*. Building America Consortium Web site, online at <http://www.buildingscience.com/resources/homeowner.htm>; NICH Report No. 32115. ([PDF 462 KB](#))
5. Lstiburek, Joseph; Brennan, Terry. (2001). *Read This Before You Move In*. Building Science Consortium Web site, online at <http://www.buildingscience.com/resources/homeowner.htm>; NICH Report No. 32116. ([PDF 352 KB](#))
6. Tully, G. (2000). *Bringing Big Builders to Efficiency*. Home Energy Magazine, March/April 2000; p. 12; NICH Report No. 31211. ([PDF 550 KB](#))
7. Hendron, R.; Anderson, J.; Epstein, K. (2000). *Building America Developments*. September 2000, Information Bulletin Number 1 (Rev. July 2001). 4 pp.; NICH Report No. BR-550-28583. ([PDF 301 KB](#))
8. *Erie-Ellington Homes: Affordable + Green*. (2000). Environmental Building News. Vol. 9(7/8), July/August 2000; pp. 6-7; NICH Report No. JA-610-31146. ([PDF 863 KB](#))
9. *Erie-Ellington Homes: The Green Story*. Hickory Consortium; 2 pp.; NICH Report No. 30944. ([PDF 1.5 MB](#))

Air Distribution Systems

1. Neymark J.; Judkoff, R. (2004). *International Energy Agency Building Energy Simulation Test and Diagnostic Method for Heating, Ventilating, and Air-Conditioning Equipment Models (HVAC BESTEST): Volume 2: Cases E300-E545*. 312 pp.; NREL/TP-550-36754. ([PDF 15.4 MB](#))

2. Griffith, B.; Chen, Q. (2004). *Framework for Coupling Room Air Models to Heat Balance Model Load and Energy Calculations* (RP-1222). HVAC&R Research. Vol. 10(2), April 2004; pp. 91-111; NREL/JA-550-36484. (No PDF)
3. Deru, M. P.; Burns, P. J. (2003). *Infiltration and Natural Ventilation Model for Whole Building Energy Simulation of Residential Buildings*. ASHRAE Transactions: Symposia, 2003; pp. 801-811; NREL/CP-550-35493. (No PDF)
4. Deru, M.; Judkoff, R.; Neymark, J. (2003). *Whole Building Energy Simulation with a Three-Dimensional Ground-Coupled Heat Transfer Model*. ASHRAE Transactions 2003: Technical and Symposium Papers Presented at the 2003 Winter Meeting of the American Society of Heating, Refrigerating and Air-Conditioning Engineers, 26-29 January 2003, Chicago, Illinois. ASHRAE Transactions, Vol. 109, Part 1. Atlanta, GA: American Society of Heating, Refrigerating and Air-Conditioning Engineers, Inc.; Vol. 109, Part 1: pp. 557-565; NREL/CP-550-35034. (No PDF)
5. ConSol Energy Consultants (1999). *Procedures for HVAC System Design and Installation*. 5 pp.; Record No. 35625. ([PDF 23 KB](#))
6. IBACOS (2003). *HVAC Optimization Strategies*: IBACOS Quality Home Newsletter March 2003. 8 pp.; Record No. 35399. ([PDF 1.3 MB](#))
7. Bolibruck, S.; Oberg, B. (2003). *Fibrous Glass Duct Board White Paper*. 8 pp.; Record No. 35396. ([PDF 416 KB](#))
8. Holton, J.K. (2002). *Observations on Changing Residential Design Conditions and Recommendations for Register Assessment for the High Performance Home*. ASHRAE Transactions: Research. Vol. 108(2), 2002; pp. 351-359; NREL Report No. 33074. ([PDF 1.6 MB](#))
9. Salant, K. (2001). *Your New Home: Duct Hunting, Part I*. The Daily Camera. Vol. Section G, January 28, 2001; Boulder, CO: The Daily Camera; pp. 15G; NREL Report No. 31936. ([PDF 129 KB](#))
10. Salant, K (2001). *Your New Home: Duct Hunting, Part II*. The Daily Camera. Vol. Section G, February 4, 2001; Boulder, CO: The Daily Camera; pp. 19G; NREL Report No. 31937. ([PDF 151 KB](#))
11. Hancock, E.; Norton, P.; Hendron, B. (2002). *Building America System Performance Test Practices: Part 2, Air Exchange Measurements*. 25 pp.; NICH Report No. TP-550-30270. ([PDF 573 KB](#))
12. Andrews, S. (2001). *McStain Sets IAQ Standard*. HomeBuilder Magazine, January 2001; pp. 13-15; NICH Report No. JA-610-31045. ([PDF 696 KB](#))
13. Abu-El-Hassan, M. B.; Hosni, M. H.; Miller, P. L. (1996). *Evaluation of Turbulence Effect on Air Distribution Performance Index (ADPI)*. ASHRAE Transactions 1996: Technical and Symposium Papers Presented at the 1996 Annual Meeting of the American Society of Heating, Refrigerating and Air-Conditioning Engineers, Inc., 22-26 June 1996, San Antonio, Texas. ASHRAE Transactions, Vol. 102, Part 2. Atlanta, GA: American Society of Heating, Refrigerating and Air-Conditioning Engineers, Inc.; pp. 322-331; NICH Report No. 23349. (No PDF)

14. Rock, B. A.; Brandemuehl, M. J.; Anderson, R. S. (1995). *Toward a Simplified Design Method for Determining the Air Change Effectiveness*. ASHRAE Transactions 1995: Technical and Symposium Papers Presented at the 1995 Winter Meeting of the American Society of Heating, Refrigerating and Air-Conditioning Engineers, Inc., 25-29 January 1995, Chicago, Illinois. ASHRAE Transactions, Vol. 101, Part 1. Atlanta, GA: American Society of Heating, Refrigerating and Air-Conditioning Engineers, Inc.; pp. 217-227; NICH Report No. 21021. ([PDF 1.3 MB](#))

Cold Climate

1. Kent, J. *Some Research Begins at Home*. Home Energy Magazine, November/December 2003; 5 pp.; Record No. 36011. ([PDF 538 KB](#))
2. Pahl, D. (2003). *Building America's High Performance Communities: Setting the Example*. 6 pp.; Record No. 35397. ([PDF 2.9 MB](#))
3. Van Geet, O. (2003). *Mountain Home Energy*. 6 pp.; Record No. 35350. ([PDF 4.8 MB](#))
4. Padian, A. (2003). *A New York Success Story*. 4 pp.; Record No. 35008. ([PDF 5.8 MB](#))
5. Broniek, J. (2003). *Builder System Performance Packages*. 9 pp.; Record No. 34814. ([PDF 935 KB](#))
6. Padian, A. (2003). *High Performance, Affordable Housing in New York's South Bronx*. Automated Builder. , April 2003; pp. 36-37; Record No. 35006. ([PDF 10.4 MB](#))
7. Rudd, A. (2003). *Testing and Monitoring of the READ Project House, East Lansing, Michigan (BAIHP)*. 9 pp.; Record No. 34807. ([PDF 643 KB](#))
8. Barley, D. C.; Torcellini, P.; Van Geet, O. (2003). *Design and Performance of the Van Geet Off-Grid Home*. Proceedings of the ISEC 2003: International Solar Energy Conference, 15-18 March 2003, Kohala Coast, Hawaii. New York: American Society of Mechanical Engineers (ASME); pp. 1-8; NREL/CP-550-34735. (No PDF)
9. Lstiburek, J. (2001). *Builder's Guide to Cold Climates*. 16 pp.; Record No. 31217. ([PDF 1.6 MB](#))
10. *EcoVillage Cleveland at 58th Street, Cleveland, Ohio*. Building Science Consortium. 2 pp.; Record No. 35205. ([PDF 845 KB](#))
11. *Prairie Crossing, Prairie Holdings Corporation, Grayslake, Illinois*. (2002). Building Science Consortium. 2 pp.; NREL Report No. 31671. ([PDF 675 KB](#))
12. Knott, M. (2002). *Built Green and Beyond . . . Stapleton homes will be a better buy*. The Stapleton Front Porch. , Winter 2002; pp. 3; NREL Report No. 31934. ([PDF 3.0 MB](#))
13. Andrews, S. (2001). *Engle Homes leapfrogging the pack*. HomeBuilder Magazine. Vol. 40(11), November 2001; pp. 10, 33, 38; NREL Report No. 32111. ([PDF 2.0 MB](#))
14. Tanzer, V. (2001). *How Low Can You Go? Permanent Buildings and Foundations*. July 1, 2001; pp. 48; NICH Report No. 32113. ([PDF 1.0 MB](#))

15. *Cambridge Homes Increases Energy Efficiency in a Mix of Housing Types*. Building America Project Summary Fact Sheet. (2001). 2 pp.; NICH Report No. FS-550-30459. ([PDF 188 KB](#))
16. Andrews, S. (2001). *The House as a System: Combustion Safety*. HomeBuilder Magazine, January 2001; pp. 16-32; NICH Report No. JA-610-31046. ([PDF 1.4 MB](#))
17. *Improved Framing and Ductwork Lower Energy Costs: McStain Enterprises, Longmont, CO*. Building America Project Summary Fact Sheet. (2000). 2 pp.; NICH Report No. FS-550-27208. ([PDF 3.9 MB](#))
18. *Colorado Builder Joins Efficient Home Parade*. (2000). Stottrup, E., ed. Frame Builder News, August 2000; p.16; NICH Report No. JA-610-31142. ([PDF 212 KB](#))
19. *Prairie Crossing Homes*. Office of Building Technology, State and Community Programs (BTS) Case Study (Brochure). (1999). 4 pp.; NICH Report No. BR-330-26261; DOE/GO-10099-738. ([PDF 144 KB](#))
20. *Ryan Homes and the Consortium for Advanced Residential Buildings*. Building America Project Summary Fact Sheet. (1999). 2 pp.; NICH Report No. FS-810-26476; DOE/GO-10099-791. ([PDF 508 KB](#))
21. Holton, J. K. (1997). *Developing a Better Shell for Lab House*. ASHRAE Journal. Vol. 39(11), November 1997; pp. 56-59; NICH Report No. JA-610-30939. ([PDF 828 KB](#))

Cooling Systems

1. Kinney, L. (2004). *Modern Evaporative Coolers*. Published in Home Energy Magazine. 6 pp; Record No. 38096. ([PDF 370 KB](#))
2. *Builder System Performance Package Targeting 30% - 40% Savings in Space Conditioning Energy Use: Period of Performance; December 2002 to December 2003*. (2004). 165 pp.; NREL/SR-550-34560. ([PDF 6.2 MB](#))
3. *NREL's Advanced Thermal Conversion Laboratory at the Center for Buildings and Thermal Systems: On the Cutting-Edge of HVAC and CHP Technology*. (2004). 4 pp.; NREL/BR-550-34928. ([PDF 911 KB](#))
4. Karg, R.; Krigger, J. (2000). *Specification of Energy-Efficient Installation and Maintenance Practices for Residential HVAC Systems*. 62 pp.; Record No. 36120. (No PDF)
5. Andrews, S. (2003). *HVAC Equipment Sizing Calcs*. 5 pp.; Record No. 34901. ([PDF 3.9 MB](#))
6. *Heating and Cooling Equipment Selection*. Office of Building Technology, State and Community Programs (BTS) Technology Fact Sheet. (2002). 4 pp.; NREL/BR-810-26459; DOE/GO-102002-0779. ([PDF 139 KB](#))
7. Griffiths, D.; Zoeller, W. (2001). *Cost-Effective, Energy-Efficient Residence*. ASHRAE Journal, April 2001; pp. 56-58; NICH Report No. JA-610-31113. ([PDF 4.7 MB](#))

Cost-Performance Tradeoffs

1. *Elements of an Energy-Efficient House*. Energy Efficiency and Renewable Energy Clearinghouse (EREC) Brochure. (2000). 8 pp.; NICH Report No. 27835; DOE/GO-102000-1070. ([PDF 188 KB](#))
2. *Energy Efficiency Pays: Systems Approach Cuts Home Energy Waste and Saves Money*. Office of Building Technology, State and Community Programs (BTS) Technology Fact Sheet. (1999). 4 pp.; NICH Report No. BR-330-26290; DOE/GO-10099-746. ([PDF 140 KB](#))
3. *Building America: Cost Saving System Trade-Offs for Mixed Climates*. Office of Building Technology, State and Community Programs (BTS) Case Study Fact Sheet. (1999). 2 pp.; NICH Report No. FS-550-26536. ([PDF 420 KB](#))
4. *Building America: Cost Saving System Trade-Offs for Hot Climates*. Office of Building Technology, State and Community Programs (BTS) Case Study Fact Sheet. (1999). 2 pp.; NICH Report No. FS-550-26884. ([PDF 1.2 MB](#))
5. *Pulte Homes—Las Vegas, Nevada Cost-Saving System Trade-Offs for Hot, Dry Climates*. Building America Project Summary (Fact Sheet). (1999). 2 pp.; NICH Report No. FS-550-27158. ([PDF 1.2 MB](#))

Envelope and Window Systems

1. IBACOS (2003). *Best Practices: Window Installation & Flashing Guidelines*. 2 pp.; Record No. 35381. (No PDF)
2. IBACOS (2003). *Best Practices: Roof Flashing Guidelines*. 2 pp.; Record No. 35850. ([PDF 137 KB](#))
3. Structural Insulated Panels Association (SIPA). *Welcome to the High-Tech SIP Home with the Savings Built Right In - Consumer Brochure*. 3 pp.; Record No. 35803. (No PDF)
4. Structural Insulated Panels Association (SIPA). *SIPA Technical Report--Juneau, Alaska, Roof Issue*. (No PDF)
5. Structural Insulated Panels Association (SIPA). *Side-by-Side Evaluation of a Stressed Skin Insulated Core Panel House and a Conventional Stud Frame House*. (No PDF)
6. Structural Insulated Panels Association (SIPA). *Department of Energy Laboratory Shows New Way to Win the Energy Wars at Home*. (No PDF)
7. Structural Insulated Panels Association (SIPA). *ORNL Test Results on CD-ROM*. (No PDF)
8. ConSol Energy Consultants (2001). *Air Sealing: Quality Caulking and Sealing (Air Sealing) Contractor Scope of Work. ComfortWise*. 2 pp.; Record No. 35626. ([PDF 10 KB](#))
9. IBACOS (2003). *Best Practices: Window Installation Flashing Guidelines*. 2 pp.; Record No. 35382. ([PDF 3.4 MB](#))

10. IBACOS (2002). *Best Practices: Optimum Value Engineering*. 2 pp.; Record No. 35380. ([PDF 344 KB](#))
11. Baechler, M.; Gordon, A. (2003). *Portable Classroom Research Project Highlights Energy Efficiency*. *Automated Builder Magazine*. (386) 2 pp.; Record No. 34900. ([PDF 8.3 MB](#))
12. IBACOS (2002). *Building Performance...in Mixed-Humid Climates*: IBACOS Quality Home Newsletter September 2002. 6 pp.; Record No. 34820. ([PDF 1.5 MB](#))
13. Yost, P. (2002). *Green Building BSC-Style*. Presented at 2002 State Energy Program/Rebuild America National Conference, July 29 to August 1, 2002; 26 pp.; Record No. 33224. ([PDF 16.9 MB](#))
14. Rudd, A. (2003). *Building Testing and Monitoring at the Habitat/SIPA/APA Project in Plains, GA*. 7 pp.; Record No. 34808. ([PDF 410 KB](#))
15. Oak Ridge National Laboratory (2002). *Insulation*. 24 pp.; Record No. 34902. ([PDF 2.3 MB](#))
16. ConSol Energy Consultants (1999). *Quality Installation of Insulation: Contractor Scope of Work*. 5 pp.; Record No. 34955. ([PDF 78 KB](#))
17. ConSol Energy Consultants (1995). *Standard Practice for Installation of Windows with Integral Mounting Flangae in Wood Frame Construction*. 4 pp.; Record No. 34956. ([PDF 78 KB](#))
18. ConSol Energy Consultants (1995). *Standard Practice for Installation of Windows with Integral Mounting Flangae in Wood Frame Construction*. 4 pp.; Record No. 34956. ([PDF 328 KB](#))
19. Building Science Consortium. *Captain Planet Zero Energy SIPS Cottage*. 5 pp.; Record No. 35016. ([PDF 3.8 MB](#))
20. Hendron, R.; Farrar-Nagy, S.; Anderson, R.; Reeves, P.; Hancock, E. (2003). *Thermal Performance of Unvented Attics in Hot-Dry Climates: Results from Building America*; Preprint . 11 pp.; NREL/CP-550-32827. ([PDF 565 KB](#))
21. Lstiburek, J. (2002). *Moisture Control for Buildings*. ASHRAE Journal. Vol. 44(2), February 2002; pp. 36-41; NREL Report No. 33288. ([PDF 840 KB](#))
22. Lstiburek, J.; Brennan, T. (2001). *Read This Before You Design, Build or Renovate*. Building Science Consortium Web site, online at <http://www.buildingscience.com/resources/homeowner.htm>; NICH Report No. 32114. ([PDF 662 KB](#))
23. Parker, D.; Sonne, J. (2001). *Roofs Reflect Better Savings*. Mary James, ed. Home Energy Magazine, July/August 2001; pp. 24-26; NICH Report No. JA-610-31186. ([PDF 705 KB](#))
24. Smith, M. W.; Torcellini, P. A.; Hayter, S. J.; Judkoff, R. (2001). *Thermal Performance Analysis of a High-Mass Residential Building (Preprint)*. 8 pp.; NICH Report No. CP-550-29537. ([PDF 392 KB](#))

25. Smith, M. W. (2001). *Analysis of the Thermal Performance of Tierra I—A Low-Energy High-Mass Residence*. 89 pp.; NICH Report No. TP-550-25873. ([PDF 1.7 MB](#))
26. Wachtler, B. (2001). *"Behind the Walls" House Demonstrates SIPs at the 2001 International Builders' Show*. OnSite@SIPA. SIPA Structural Insulated Panel Association, January/February 2001; 2 pp.; NICH Report No. 30976. (No PDF)
27. *Attic Access*. Office of Building Technology, State and Community Programs (BTS) Fact Sheet. (2000). 4 pp.; NICH Report No. 26447; DOE/GO-102000-0768. ([PDF 1.8 MB](#))
28. *Ceilings and Attics*. Office of Building Technology, State and Community Programs (BTS) Fact Sheet. (2000). 4 pp.; NICH Report No. 26450; DOE/GO-102000-0771. ([PDF 1.8 MB](#))
29. *Air Sealing: Seal Air Leaks and Save Energy!* Office of Building Technology, State and Community Programs (BTS) Fact Sheet. (2000). 4 pp.; NICH Report No. BR-810-26446; DOE/GO-102000-0767. ([PDF 262 KB](#))
30. *Window Industry Technology Roadmap*. Office of Building Technology, State and Community Programs (BTS) Brochure. (2000). 23 pp.; NICH Report No. BR-810-27994; DOE/GO-102000-0980. ([PDF 859 KB](#))
31. *Advanced Wall Framing*. Office of Building Technology, State and Community Programs (BTS) Technology Fact Sheet. (2000). 6 pp.; NICH Report No. FS-810-26449; DOE/GO-102000-0770. ([PDF 794 KB](#))
32. *Wall Insulation*. Office of Building Technology, State and Community Programs (BTS) Technology Fact Sheet. (2000). 4 pp.; NICH Report No. FS-810-26451; DOE/GO-102000-0772. ([PDF 765 KB](#))
33. *Weather-Resistive Barriers*. Office of Building Technology, State and Community Programs (BTS) Fact Sheet. (2000). 4 pp.; NICH Report No. FS-810-28600; DOE/GO-102000-0769. ([PDF 223 KB](#))
34. Rudd, A. F.; Lstiburek, J. W. (1998). *Vented and Sealed Attics in Hot Climates*. ASHRAE Transactions. Vol. 104(2), 1998; pp. 1199-1210; NICH Report No. JA-610-30938. ([PDF 1.3 MB](#))
35. Rudd, A. F.; Lstiburek, J. W.; Moyer, N. A. (1996). *Measurement of Attic Temperatures and Cooling Energy Use in Vented and Sealed Attics in Las Vegas, Nevada*. EEBA Excellence. The Journal of the Energy Efficient Building Association. Proceedings of the 14th Annual Excellence in Building Conference, 14-17 November 1996, Minneapolis, Minnesota. 6 pp.; NICH Report No. JA-610-30974. ([PDF 2.7 KB](#))

Foundation Systems

1. *Best Practices: Don't Forget About the Basement*. (2002). 2 pp.; Record No. 35398. ([PDF 91 KB](#))
2. IBACOS (2002). *Best Practices: Consider the Crawl Space*. 2 pp.; Record No. 35379. ([PDF 115 KB](#))

3. Deru, M. (2003). *Model for Ground-Coupled Heat and Moisture Transfer from Buildings*. 153 pp.; NREL/TP-550-33954. ([PDF 2.1 MB](#))
4. *Basement Insulation*. Office of Building Technology, State and Community Programs (BTS) Technology Fact Sheet. (2002). 4 pp.; NREL/BR-810-26455; DOE/GO-102002-0776. ([PDF 190 KB](#))
5. Yost, N.; Lstiburek, J. (2002). *Basement Insulation Systems*. Building Science Consortium. 20 pp.; Record No. 35017. ([PDF 721 KB](#))
6. Hunt, S. (2002). *Let's Talk About ... Comfort*. Quality Home, July 2002; 6 pp.; NREL Report No. 33183. ([PDF 692 KB](#))
7. Hunt, S. (2002). *Let's Talk About ... Moisture & Mold*. Quality Home, April 2002; 6 pp.; NREL Report No. 33182. ([PDF 458 KB](#))
8. Deru, M. P.; Kirkpatrick, A. T. (2001). *Ground-Coupled Heat and Moisture Transfer from Buildings; Part 1: Analysis and Modeling (Preprint)*. 12 pp.; NICH Report No. CP-550-29693. ([PDF 665 KB](#))
9. Deru, M. P.; Kirkpatrick, A. T. (2001). *Ground-Coupled Heat and Moisture Transfer from Buildings; Part 2: Application (Preprint)*. 10 pp.; NICH Report No. CP-550-29694. ([PDF 583 KB](#))
10. *Slab Insulation*. Office of Building Technology, State and Community Programs (BTS) Technology Fact Sheet. (2000). 4 pp.; NICH Report No. BR-810-29237; DOE/GO-102000-0775. ([PDF 218 KB](#))
11. *Crawlspace Insulation*. Office of Building Technology, State and Community Programs (BTS) Technology Fact Sheet. (2000). 4 pp.; NICH Report No. BR-810-29238; DOE/GO-102000-0774. ([PDF 235 KB](#))

Heating Systems

1. Kent, J.; Rittelmann, B. (2004). *Designing and Installing Solar Water Heating Systems*. Published in Home Energy Magazine. 7 pp; Record No. 38097. ([PDF 397 KB](#))
2. *Best Practices Guide for Residential HVAC Retrofits*. (2004). 33 pp.; Record No. 37801. ([PDF 1.0 MB](#))
3. Torcellini, P.; Pless, S. (2004). *Trombe Walls in Low-Energy Buildings: Practical Experiences; Preprint*. 8 pp.; NREL/CP-550-36277. ([PDF 406 KB](#))
4. Krishna, C. R. (2004). *Biodiesel Blends in Space Heating Equipment: January 31, 2001 - September 28, 2001*. 32 pp.; NREL/SR-510-33579. ([PDF 670 KB](#))
5. Andrews, J. (2001). *Better Duct Systems for Home Heating and Cooling*. 7 pp.; Record No. 34122. ([PDF 12.8 MB](#))
6. *Right-Size Heating and Cooling Equipment*. Office of Building Technology, State and Community Programs (BTS) Technology Fact Sheet. (2002). 4 pp.; NREL/BR-810-31318; DOE/GO-102002-1490. ([PDF 181 KB](#))

7. *Improving the Efficiency of Your Duct System (Revised)*. (1999). 15 pp.; Record No. 27630; DOE/EE0109. ([PDF 1.2 MB](#))
8. Andrews, S. (2003). *Biting the 90 AFUE Bullet*. HomeBuilder Magazine. Vol. 42(7), July 2003; pp. 11, 13, 15, 30; Record No. 35005. ([PDF 13.3 MB](#))
9. Andrews, S. (2001). *Gustafson cheers Engle's HVAC challenge*. HomeBuilder Magazine. Vol. 40(12), December 2001; pp. 10, 12, 15, 33; NREL Report No. 32110. ([PDF 401 KB](#))
10. Deru, M.; Judkoff, R.; Neymark, J. (2002). *Whole-Building Energy Simulation with a Three-Dimensional Ground-Coupled Heat Transfer Model: Preprint*. 18 pp.; NICH Report No. CP-550-32690. ([PDF 501 KB](#))

Hot-Dry Climate

1. Baechler, M. C.; Taylor, Z. T.; Bartlett, R.; Gilbride, T.; Hefty, M.; Love, P. M. (2005). *Building America Best Practices Series: Volume 2. Builders and Buyers Handbook for Improving New Home Efficiency, Comfort, and Durability in the Hot-Dry and Mixed-Dry Climates*. 122 pp.; NREL/TP-550-37643. ([PDF 5.8 MB](#))
2. Hendron, R.; Farrar-Nagy, S.; Anderson, R.; Reeves, P.; Hancock, E. (2004). *Thermal Performance of Unvented Attics in Hot-Dry Climates: Results from Building America*. Journal of Solar Energy Engineering. Transactions of the ASME. Vol. 126, May 2004; pp. 732-737; NREL/JA-550-36448. (No PDF)
3. Hendron, R.; Farrar-Nagy, S.; Anderson, R.; Reeves, P.; Hancock, E. (2003). *Thermal Performance of Unvented Attics in Hot-Dry Climates: Results from Building America*. Proceedings of the ISEC 2003: International Solar Energy Conference, 15-18 March 2003, Kohala Coast, Hawaii. New York: American Society of Mechanical Engineers (ASME); pp. 73-80; NREL/CP-550-34737. (No PDF)
4. *Copper Moon, Pulte Homes, Tucson, Arizona*. (2002). Building Science Consortium. 1 pp.; NICH Report No. 31674. ([PDF 918 KB](#))
5. *Cinco Ranch, Pulte Homes, Houston, Texas*. (2002). Building Science Consortium. 1 pp.; NICH Report No. 31675. ([PDF 1.3 MB](#))
6. Sanchez, L. (2001). *Strosnider builds high-tech classic*. Su Casa, Autumn 2001, pp. 40-43; NICH Report No. 32112. ([PDF 2.7 MB](#))
7. *Systems Engineering Saves Energy in Southwest: Pulte Homes—Tucson, Arizona*. Building America Project Summary Hot/Dry Climate (Fact Sheet). (2002). 2 pp.; NICH Report No. FS-550-31701. ([PDF 183 KB](#))
8. *New American Home: Las Vegas, Nevada—2003*. Office of Energy Efficiency and Renewable Energy, Building Technologies Program Brochure. (2002). 4 pp.; NICH Report No. BR-550-32944. ([PDF 911 KB](#))
9. *State-of-the-Art Building Concepts Lower Energy Bills: Pulte Homes—Las Vegas, Nevada*. Building America Project Summary Fact Sheet. (2002). 2 pp.; NICH Report No. FS-550-31793. ([PDF 180 KB](#))

10. Hendron, B.; Anderson, R.; Reeves, P.; Hancock, E. (2002). *Thermal Performance of Unvented Attics in Hot-Dry Climates*. 58 pp.; NICH Report No. TP-550-30839. ([PDF 1.2 MB](#))
11. Farrar-Nagy, S.; Anderson, R.; Hancock, C. E.; Reeves, P. (2000). *Impacts of Shading and Glazing Combinations on Residential Energy Use in a Hot Dry Climate*. 17 pp.; NICH Report No. CP-550-28203. ([PDF 429 KB](#))
12. *New Building Approach Saves Energy and Cost: Retreat at the Bluffs Prototype, Pulte Homes—Tucson, Arizona*. Building America Project Summary Fact Sheet. (2000). 2 pp.; NICH Report No. FS-550-28576. ([PDF 211 KB](#))
13. Farrar, S.; Hancock, E.; Anderson, R. (1999). System Interactions and Energy Savings in a Hot Dry Climate. Panel 1: Residential Buildings: Technologies, Design, and Performance Analysis. 1998 ACEEE Summer Study on Energy Efficiency in Buildings Proceedings. Washington, DC: American Council for an Energy-Efficient Economy (ACEEE); pp. 1.79-1.91; NICH Report No. 24524. (No PDF)

Hot-Humid Climates

1. *Show Home Targets Energy Efficiency in Hot-Humid Climate. Building Technologies Program (BTP) Building America (Brochure)*. (2004). 6 pp.; NREL/ BR-550-36266; DOE/GO-102004-2023. ([PDF 1.1 MB](#))
2. Rudd, A. F.; Lstiburek, J. W.; Eng, P.; Ueno, K. (2005). *Residential Dehumidification Systems Research for Hot-Humid Climates: September 1, 2001 - December 30, 2003*. 42 pp.; NREL/SR-550-36643. ([PDF 1.6 MB](#))
3. Baechler, M. C.; Love, P. M. (2004). *Building America Best Practices Series: Volume 1; Builders and Buyers Handbook for Improving New Home Efficiency, Comfort, and Durability in the Hot and Humid Climate*. 137 pp.; NREL/TP-550-36960. ([PDF 8.1 MB](#))
4. Griffiths, D.; Aldrich, R.; Zoeller, W.; Zuluaga, M. *An Innovative Approach to Reducing Duct Heat Gains for a Production Builder in a Hot and Humid Climate—How We Got There*. 10 pp; Record No. 33990. (No PDF)
5. Fonorow, K. (2003). *Show Me the Money: Selling Builders on Systems Engineering. Industrialized Housing Partnership (BAIHP)*. 7 pp.; Record No. 34799. ([PDF 258 KB](#))
6. Chasar, D.; Moyer, N.; Rudd, A.; Parker, D.; Subrato, C. (2003). *Measured and Simulated Cooling Performance Comparison; Insulated Concrete Form Versus Frame Construction*. 10 pp.; Record No. 34800. ([PDF 957 KB](#))
7. Florida Solar Energy Center (FSEC) (2003). *The Building America Industrialized Housing Partnership (BAIHP)*. 9 pp.; Record No. 34801. ([PDF 697 KB](#))
8. Withers, C.; Chasar, D.; Moyer, N.; Chandra, S. (2003). *Performance and Impact from Duct Repair and Ventilation Modifications of Two Newly Constructed Manufactured Houses Located in a Hot and Humid Climate*. 12 pp.; Record No. 34802. ([PDF 537 KB](#))
9. McIlvaine, J.; Beal, D.; Fairey, P. (2002). *Design and Construction of Interior Duct Systems*. 14 pp.; Record No. 34803. ([PDF 680 KB](#))

10. Markle, D.; Dugger, C.; Moyer, N. (2001). *Energy Efficiency and Moisture Retention Data Report: 2001 Field Evaluation of 16 North Carolina Manufactured Homes*. 25 pp.; Record No. 34805. ([PDF 55.5 MB](#))
11. Lstiburek, J. (2000). *Builder's Guide: Hot-Humid Climates*. 18 pp.; Record No. 31218. ([PDF 1.7 MB](#))
12. *Insulated Concrete Homes Increase Durability and Energy Efficiency: Mercedes Homes—Melbourne, Florida*. Building America Project Summary Fact Sheet. (2001). 2 pp.; NICH Report No. FS-550-30386. ([PDF 181 KB](#))
13. *Prototype House Provides Test Case for Energy-Efficient Systems: Mitchell Homes, Pensacola, Florida*. Building America Project Summary Fact Sheet. (2000). 2 pp.; NICH Report No. FS-550-27209. ([PDF 1.4 MB](#))
14. *Precast CARB Home Begun*. (2000). Erik Stottrup, ed. Rural Builder, March 2000; p. 6; NICH Report No. JA-610-31185. ([PDF 235 KB](#))

Hot Water Systems

1. Rittelmann, W. (2004). *Field Investigation of 18 Solar-Assisted Domestic Hot Water Systems with Integral Collector Storage*. 6 pp.; Record No. 37793. ([PDF 197 KB](#))
2. Wendt, R.; Baskin, E. (2003). *Are You Getting into Hot Water?* 4 pp.; Record No. 35351. ([PDF 3.1 MB](#))
3. Wiehagen, J.; Sikora, J. L. (2003). *Performance Comparison of Residential Hot Water Systems; Period of Performance: January 30, 2001 through July 29, 2002*. 61 pp.; NREL/SR-550-32922. ([PDF 1.0 MB](#))
4. *Water Heating*. Office of Building Technology, State and Community Programs (BTS) Technology Fact Sheet. (2001). 4 pp.; NICH Report No. BR-810-26465; DOE/GO-102001-0785. ([PDF 836 KB](#))

Humidity Control Systems

1. Lstiburek, J. (2002). *Relative Humidity*. Proceedings of the Healthy Indoor Environments Conference, April 23, 2002, Austin, Texas. Madison, NJ: IAQ Media Group; 10 pp.; NREL Report No. 33077. ([PDF 281 KB](#))

Lighting Systems

1. *Efficient Lighting Strategies: Wise Design Choices Can Meet Lighting Needs and Save Energy*. Building Technologies Program, Office of Energy Efficiency and Renewable Energy (EERE) (Brochure). (2002). 6 pp.; NREL/BR-840-26467; DOE/GO-102002-0787. ([PDF 692 KB](#))
2. *Vision 2020: The Lighting Technology Roadmap, Executive Summary* (Brochure). (2000). 6 pp.; NICH Report No. BR-810-28236; DOE/GO-102000-1015. ([PDF 750 KB](#))

Manufactured Housing

1. IBACOS (2004). *Quality Homes in Demand at Summerset at Frick Park*. 12 pp.; Record No. 35819. ([PDF 1.9 MB](#))
2. Farhar, B. C.; Coburn, T. C.; Murphy, M. (2004). *Large-Production Home Builder Experience with Zero Energy Homes: Preprint*. 15 pp.; NREL/CP-550-35913. ([PDF 431 KB](#))
3. Andrews, S. (2003). *Aspen Homes' System First to Include Guarantee*. HomeBuilder Magazine. 4 pp.; Record No. 34631. ([PDF 124 KB](#))
4. Harris, B. (2002). *Energy-Efficient Manufactured Homes*. Home Energy Magazine, May/June 2002; 2 pp.; Record No. 36010. ([PDF 108 KB](#))
5. McIlvaine, J.; Beal, D.; Chandra, S.; Rudd, A.; Buehrlein, B.; McCloud, M. (2003). *Energy Efficient Industrialized Housing Research Summary of FY 1998 Activities (BAIHP)*. 28 pp.; Record No. 34806. ([PDF 1.1 MB](#))
6. Rudd, A.; Katakam, S.; Chandra, S. (1994). *Measured and Predicted Energy Savings from an Industrialized House*. Panel 5: Commissioning, Operation, and Maintenance. ACEEE 1994 Summer Study on Energy Efficiency in Buildings Proceedings. Washington, D.C.: American Council for an Energy Efficient Economy (ACEEE); pp. 5.225-5.232; Record No. 31070. ([PDF 676 KB](#))
7. Chandra, S.; Moyer, N.; Beal, D.; Chasar, D.; McIlvaine, J.; Withers, C. (2001). *The Building America Industrialized Housing Partnership (BAIHP). Enhancing energy efficiency, durability and indoor air quality of industrialized housing*. XXIX IAHS World Congress on Housing. Ljubljana, Slovenia. Record No. 31066. ([PDF 303 KB](#))
8. Moyer, N.; Beal, D.; Chasar, D.; McIlvaine, J.; Withers, C.; Chandra, S. (2001). *Moisture Problems in Manufactured Housing: Probable Causes and Cures*. ASHRAE Indoor Air Quality 2001 Conference, 5 - 7 November 2001, San Francisco, California. 20 pp.; NREL Report No. 32144. ([PDF 1.0 MB](#))
9. Lubliner, M; Gordon, A. (2000). *Ventilation in U.S. Manufactured Homes: Requirements, Issues and Recommendations*. 21st Annual AIVC Conference, 26-29 September 2000, The Hague: Netherlands. 18 pp.; NICH Report No. 31067. ([PDF 417 KB](#))
10. Rudd, A.; Chandra, S.; Tooley, J. (1993). *Measured Air-Tightness and Thermal Insulation of Quality of 11 Industrialized Houses*. 1993 EEBA/NESEA Conference on Building Solutions, 3 - 6 March 1993, Boston, MA. Minneapolis, MN: Energy Efficient Building Association; pp. 8-12; NICH Report No. 31069. ([PDF 106 KB](#))
11. Sedan, P. (2001). *Up to 50% Energy Savings Proven Possible: University Studies Energy Efficiencies in Manufactured Housing*. Automated Builder Magazine. Vol. 38(6), June 2001; pp. 20-21; NICH Report No. JA-610-31000. ([PDF 1.6 MB](#))
12. *Champion Enterprises Builds First HUD-Code Home Made of SIPs: DOE Tests Insulation for Building America Program*. (2000). Automated Builder Magazine. Vol. 37(10), October 2000; pp. 16-18; NICH Report No. JA-610-30975. ([PDF 3.3 MB](#))

13. *Industrialized Housing Partnership (BAIHP): BAIHP Project Goals*. Subrato C., ed. Industrialized Housing Partnership (BAIHP). 2 pp.; NICH Report No. 30945. ([PDF 3.4 MB](#))

Mixed-Dry Climate

1. Brown, G.; Kellet, R.; Haas, P.; McIlvaine, J.; Mullens, M.; Read, P.; Rudd, A. (2003). *Process and Energy Efficiency Review for Premier Building Systems, Kent, Washington*. 25 pp.; Record No. 34810. ([PDF 928 KB](#))
2. *El Rancho Grande, Artistic Homes, Albuquerque, New Mexico*. (2002). Building Science Consortium. 2 pp.; NREL Report No. 31673. ([PDF 1.8 MB](#))
3. Andrews, S. (2001). *Neighboring builder plows new ground*. HomeBuilder Magazine. Vol. 40(6), June 2001; pp. 14-15, 20-21; NREL Report No. 32109. ([PDF 341 KB](#))
4. *Unvented Attic Increases Energy Efficiency and Reduces Duct Losses: Pulte Homes—Sun Lakes at Banning, California*. Building America Project Summary Fact Sheet. (2001). 2 pp.; NICH Report No. FS-550-30909. ([PDF 293 KB](#))
5. *Building America Developments*. October 2000, Information Bulletin Number 2 (Rev. July 2001). (2000). 3 pp.; NICH Report No. BR-550-28952. ([PDF 892 KB](#))

Mixed-Humid Climate

1. Harris, B. (2002). *Energy Efficient Manufactured Homes*. 2 pp.; Record No. 35207. ([PDF 3.1 MB](#))
2. Duncan, P.; Hunt, S. (2003). *The Green House Shows the Way*. 3 pp.; Record No. 35007. ([PDF 2.3 MB](#))
3. Rudd, A.; Chandra, S.; Tooley, J. (2003). *Measured Air-Tightness and Thermal Insulation Quality of 11 Industrialized Homes*. 11 pp.; Record No. 34809. ([PDF 516 KB](#))
4. *Lstiburek, J. (2000). Builder's Guide: Mixed-Humid Climates*. 12 pp.; Record No. 31216. ([PDF 1.56 MB](#))
5. *Fairburn, Atlanta, Georgia, for Health-E Enterprises*. (2002). Building Science Consortium. 1 pp.; NREL Report No. 31672. ([PDF 1.2 MB](#))
6. *EcoVillage Cleveland at 58th St., Cleveland, Ohio*. (2002). Building Science Consortium. 2 pp.; NICH Report No. 31676. ([PDF 753 KB](#))
7. *New American Home(R): Atlanta, Georgia—2002*. Office of Building Technology, State and Community Programs (BTS), Building America Brochure. (2002). 4 pp.; NICH Report No. BR-550-31470. ([PDF 269 KB](#))
8. *Building America Developments*. February 2001, Information Bulletin Number 3 (Rev. July 2001). (2001). 4 pp.; NICH Report No. BR-550-29122. ([PDF 280 KB](#))
9. *New American Home (R): Atlanta, Georgia 2001; Building America—The New American Home*. Office of Building Technology, State and Community Programs (BTS) Brochure. (2001). 4 pp.; NICH Report No. FS-550-30722. ([PDF 326 KB](#))

10. *Whole-Building Design Increases Energy Efficiency in a Mixed-Humid Climate: Ideal Homes, Norman, Oklahoma*. Building America Project Summary Fact Sheet. (2001). 2 pp.; NICH Report No. FS-550-30504. ([PDF 180 KB](#))

Moisture Control

1. IBACOS (2002). *Moisture Issues in Homes with Brick Veneer*. 3 pp; Record No. 36397. ([PDF 861 KB](#))
2. Building Science Corporation (2003). *Insulations, Sheathings, and Vapor Diffusion Retarders*. 18 pp; Record No. 35793. ([PDF 545 KB](#))
3. IBACOS (2002). *Let's Talk about Moisture and Mold*. IBACOS Quality Home Newsletter - May 2002. 6 pp.; Record No. 34815. ([PDF 496 KB](#))
4. Yost, N.; Lstiburek, J.; Brennan, T. (2002). *Mold Remediation in Occupied Homes*. Building Science Consortium. 4 pp.; Record No. 35010. ([PDF 69 KB](#))
5. Lstiburek, J.; Yost, N.; Brennan, T. (2002). *Mold: Causes, Health Effects and Clean-Up*. Building Science Consortium. 5 pp.; Record No. 35012. ([PDF 82 KB](#))
6. Yost, N.; Lstiburek, J.; Brennan, T. *What You Need to Know About Mold*. Building Science Consortium. 2 pp.; Record No. 35013. ([PDF 41 KB](#))
7. Yost, N.; Lstiburek, J.; Brennan, T. *Mold Testing*. Building Science Consortium. 3 pp.; Record No. 35014. ([PDF 41 KB](#))

Onsite Power Systems

1. Kramer, R. (2003). *System Integration of Distributed Power for Complete Building Systems: Phase 1 Report*. 198 pp.; NREL/SR-560-34966. ([PDF 5.7 MB](#))
2. Kramer, R. (2003). *System Integration of Distributed Power for Complete Building Systems: Phase 2 Report*. 258 pp.; NREL/SR-560-35054. ([PDF 4.7 MB](#))
3. Barker, G.; Norton, P. (2003). *Predicting Long-Term Performance of Photovoltaic Arrays Using Short-Term Test Data and an Annual Simulation Tool*. Campbell-Howe, R. ed. Proceedings of the Solar 2003 Conference Including Proceedings of 32nd ASES Annual Conference and Proceedings of 28th National Passive Solar Conference, 21-26 June 2003, Austin, Texas. Boulder, CO: American Solar Energy Society, Inc., (ASES); pp. 407-414; NREL/CP-550-34752. (No PDF)
4. Barker, G.; Norton, P. (2003). *Predicting Long-Term Performance of Photovoltaic Arrays Using Short-Term Test Data and an Annual Simulation Tool*: Preprint. 11 pp.; NREL/CP-550-33601. ([PDF 671 KB](#))
5. Barker, G.; Norton, P. (2003). *Building America System Performance Test Practices: Part 1 -- Photovoltaic Systems*. 40 pp.; NREL/TP-550-3030. ([PDF 737 KB](#))
6. ConSol (2001). *Procedures for Solar Electric System Design and Installation: Section 2*. 9 pp.; Record No. 35063. ([PDF 173 KB](#))

7. ConSol (2001). *Procedures for Solar Electric System Design Installation: Section 3*. 3 pp.; Record No. 35064. ([PDF 61 KB](#))
8. ConSol (2001). *Procedures for Solar Electric System Design and Installation: Section 4*. 5 pp.; Record No. 35069. ([PDF 104 KB](#))
9. ConSol (2001). *Procedures for Solar Electric System Design and Installation: Section 1*. 2 pp.; Record No. 35070. ([PDF 37 KB](#))
10. *Building Science Consortium's PV Primer*. Building Science Consortium. 4 pp.; Record No. 35206. ([PDF 37 KB](#))
11. Eiffert, P.; *International Energy Agency (IEA) PVPS Task 7 (2003)*. Guidelines for the Economic Evaluation of Building-Integrated Photovoltaic Power Systems. Photovoltaic Power Systems in the Built Environment. 52 pp.; NREL/TP-550-31977. ([PDF 987 KB](#))

Performance Analysis and Tests

1. Norton, P.; Hancock, E.; Barker, G.; Reeves, P. (2005). *Hathaway "Solar Patriot" House: A Case Study in Efficiency and Renewable Energy*. 59 pp.; NREL/TP-550-37731. ([PDF 1.2 MB](#))
2. Norton, P.; Hancock, C. E.; Barker, G.; Reeves, P. (2004). *Hathaway "Solar Patriot" Home: Performance Testing and Simulation Results*. A.A.M. Sayigh, ed. Proceedings of the World Renewable Energy Congress VIII (WREC 2004), 29 August-3 September 2004, Denver, Colorado (CD-ROM). [Amsterdam]: Elsevier, Ltd.; Monterey, CA: Produced by InControl Productions, Inc.; 5 pp.; NREL/CP-550-36013. (No PDF)
3. Torrero, E.; McClelland, R. (2004). *Evaluation of the Field Performance of Residential Fuel Cells: Final Report*. 139 pp.; NREL/SR-560-36229. ([PDF 33.5 MB](#))
4. Anderson, R.; Christensen, C.; Barker, G.; Horowitz, S.; Courtney, A.; Givler, T.; Tupper, K. (2004). *Analysis of System Strategies Targeting Near-Term Building America Energy-Performance Goals for New Single-Family Homes: FY 2004 Fourth-Quarter Building America Milestone Report*. 55 pp.; NREL/TP-550-36920. ([PDF 1.9 MB](#))
5. Milligan, M.; Kirby, B.; Jackson, K.; Shiu, H.; Makarov, Y.; Hawkins, D. (2004). *California RPS Integration Study: Phase I Summary and Results; Preprint*. 32 pp.; NREL/CP-500-35947. ([PDF 1.3 MB](#))
6. Deru, M.; Torcellini, P. (2004). *Improving Sustainability of Buildings Through a Performance-Based Design Approach: Preprint*. 8 pp.; NREL/CP-550-36276. ([PDF 381 KB](#))
7. *Introduction to Building Systems Performance: Houses That Work II; Period of Performance: January 2003 - December 2003*. (2004). 169 pp.; NREL/SR-550-34585. ([PDF 8.7 MB](#))
8. *Northwest Portable Classroom Energy Study*. (2003). 2 pp; Record No. 36007. ([PDF 705 KB](#))

9. Spath, P. L.; Dayton, D. C. (2003). *Preliminary Screening—Technical and Economic Assessment of Synthesis Gas to Fuels and Chemicals with Emphasis on the Potential for Biomass-Derived Syngas*. 160 pp.; NREL/TP-510-34929. ([PDF 1.6 MB](#))
10. Schiller, S. R.; Jump, D. A.; Franconi, E. M.; Stetz, M.; Geanacopoulos, A. (2000). *M&V Guidelines: Measurement and Verification for Federal Energy Projects*, Version 2.2. 340 pp.; NREL/BK-710-26265; DOE/GO-102000-0960. ([PDF 2.5 MB](#))
11. Barley, C. D.; Torcellini, P.; Van Geet, O. (2004). *Design and Performance of the Van Geet Off-Grid Home*. *Journal of Solar Energy Engineering. Transactions of the ASME*. Vol. 126, May 2004; pp. 738-743; NREL/JA-550-36447. (No PDF)
12. Anderson, R.; Yost, P. (2002). *Setting up Performance and Prescriptive Criteria for Domestic Water Use and Construction Waste Generation*. Building Science Corporation Web site; Building Science Corporation, Westford, MA; 2 pp.; Record No. 31667. ([PDF 214 KB](#))
13. *Short-Term Energy Monitoring: A Quick Way to Predict Long-Term Energy Performance*. Energized (Fact sheet). (1995). 2 pp.; NICH Report No. TP-470-5776-U. ([PDF 1.8 MB](#))
14. Andrews, S. (2002). *Growing market for high-performance homes*. *HomeBuilder Magazine*. Vol. 41(7), July 2002; pp. 8, 10, 18, 21; NREL Report No. 33071. ([PDF 446 KB](#))
15. *International Performance Measurement & Verification Protocol: Concepts and Practices for Improved Indoor Environmental Quality, Volume II (Revised)*. (2002). 58 pp.; NICH Report No. TP-710-31601; DOE/GO-102002-1517. ([PDF 969 KB](#))
16. *International Performance Measurement and Verification Protocol: Concepts and Options for Determining Energy and Water Savings, Volume I (Revised)*. (2002). 93 pp.; NICH Report No. TP-710-31505; DOE/GO-102002-1554. ([PDF 2.6 MB](#))
17. *International Performance Measurement & Verification Protocol: Concepts and Options for Determining Energy and Water Savings, Volume I*. (2001). 101 pp.; NICH Report No. TP-810-29564; DOE/GO-102001-1187. ([PDF 623 KB](#))
18. Hendron, B.; Farrar-Nagy, S.; Anderson, R.; Judkoff, R.; Reeves, P.; Hancock, E. (2001). *Building America House Performance Analysis Procedures*. 127 pp.; NICH Report No. TP-550-27754. ([PDF 1.6 MB](#))
19. Balcomb, J. D.; Curtner, A. (2000). *Multi-Criteria Decision-Making Process for Buildings: Preprint*. 10 pp.; NICH Report No. CP-550-28533. ([PDF 308 KB](#))
20. Plympton, P. C. (2000). *National Status Report: Home Energy Rating Systems and Energy-Efficient Mortgages*. 47 pp.; NICH Report No. TP-550-27635. ([PDF 659 KB](#))
21. *New American Home to Win HERS Rating*. (2000). Cutter Information Corporation Energy Design Update. Vol. 20(12), December 2000; Surrey, New Hampshire; pp. 1-2; NICH Report No. 30946. ([PDF 4.8 KB](#))
22. Judkoff, R.; Balcomb, J. D.; Hancock, C. E.; Barker, G.; Subbarao, K. (2000). *Side-By-Side Thermal Tests of Modular Offices: A Validation Study of the STEM Method*. 39 pp.; NICH Report No. TP-550-23940. ([PDF 953 KB](#))

23. *Software Tools for Energy Efficient Buildings: BTS Buildings for the 21st Century Fact Sheet.* (1999). 2 pp.; NICH Report No. FS-26256; DOE/GO-10099-744. ([PDF 420 KB](#))
24. Balcomb, J. D. (1999). *Using ENERGY-10 for Trade-Off Evaluations of Energy-Efficient Strategies in IEA Task 23.* Green Building Challenge '98: Proceedings of An International Conference on the Performance Assessment of Buildings, 26-28 October 1998, Vancouver, Canada. Ottawa, Canada: Natural Resources Canada; Vol. 1; pp. 355-362; NICH Report No. 27169. (No PDF)
25. Balcomb, J. D.; Burch, J. D.; Westby, R.; Subbarao, K.; Hancock, C. E. (1994). *Short-Term Energy Monitoring for Commercial Buildings.* ACEEE 1994 Summer Study on Energy Efficiency in Buildings, 28 August - 3 September 1994: Proceedings, Panel 5 Commissioning, Operation, and Maintenance. Washington, DC: American Council for an Energy-Efficient Economy (ACEEE); pp. 5.1-5.10; NICH Report No. 20915. (No PDF).

Severe Cold Climate

1. *Oakbrooke Patio Homes, Pulte Homes, Minneapolis, Minnesota.* (2002). Building Science Consortium. 1 pp.; NICH Report No. 31670. ([PDF 1.1 MB](#))

Solar Load Control Systems

1. Griffith, B. T.; Ellis, P. G. (2004). *Photovoltaic and Solar Thermal Modeling with the EnergyPlus Calculation Engine: Preprint.* 8 pp.; NREL/CP-550-36275. ([PDF 311 KB](#))
2. *Solar Energy Technologies Program: Multi-Year Technical Plan 2003-2007 and Beyond.* (2004). 166 pp.; NREL/MP-520-33875; DOE/GO-102004-1775. ([PDF 4.5 MB](#))
3. von Roedern, B. (2004). *Commercial Status of the PV Industry in 2004—Identifying Important and Unimportant Factors: Preprint.* 7 pp.; NREL/CP-520-36681. ([PDF 332 KB](#))
4. Kazmerski, L. L.; Broussard, K. (2004). *Solar Photovoltaic Hydrogen: The Technologies and Their Place in Our Roadmaps and Energy Economics.* 7 pp.; NREL/CP-520-36401. ([PDF 389 KB](#))
5. Mooney, D.; Mitchell, R.; Witt, E.; King, R.; Ruby, D. (2003). *PV Manufacturing R&D Accomplishments and Status.* 8 pp.; NREL/TP-520-35278. ([PDF 438 KB](#))
6. *Passive Solar Design.* Office of Building Technology, State and Community Programs (BTS) Technology Fact Sheet. (2000). 4 pp.; NREL/BR-29236; DOE/GO-102000-0790. ([PDF 233 KB](#))
7. *How to Size a Grid-Connected Solar Electric System.* Better Buildings Series Solar Electric Fact Sheet. (2002). 4 pp.; NICH Report No. FS-520-31688; DOE/GO-102002-1607. ([PDF 414 KB](#))
8. *Passive Solar Design: The Foundation for Low-Energy Federal Buildings.* Federal Energy Management Program (FEMP) Fact Sheet. (2000). 4 pp.; NICH Report No. 26015; DOE/GO-102000-728. ([PDF 212 KB](#))

System Engineering Research

1. IBACOS (2002). *Let's Talk about Comfort*. IBACOS Quality Home Newsletter: July 2002. 6 pp.; Record No. 34819. ([PDF 708 KB](#))
2. *Advanced Residential Lighting Design*: IBACOS Quality Home Newsletter: January 2003. (2003). 6 pp.; Record No. 34792. ([PDF 768 KB](#))
3. Building Science Corporation (2003). *BSC Final Report: Lessons Learned from Building America Participation*; February 1995 - December 2002. 35 pp.; NREL/SR-550-33100. ([PDF 1.4 MB](#))
4. *IBACOS 2001 Final Technical Report: Building-Scale Project Results*. (2003). 70 pp.; NREL/SR-550-31506. ([PDF 1.3 MB](#))
5. *Hickory Consortium 2001 Final Report*. (2003). 40 pp.; NREL/SR-550-31726. ([PDF 765 KB](#))
6. James, G. (2002). *Building America Program. 2002 State Energy Program / Rebuild America National Conference*. New Orleans, Louisiana; 27 pp.; NREL Report No. 33225. ([PDF 924 KB](#))
7. Lee, D. (2001). *Energy Star for Homes Progress Report (Viewgraphs)*. Anderson, R., ed. Building America Update Workshop. 25 pp.; NICH Report No. PR-610-30960. ([PDF 1.6 MB](#))
8. Creech, D. (2001). *Southface Energy Institute (Viewgraphs)*. Anderson, R., ed. Building America Update Workshop. 9 pp.; NICH Report No. PR-610-30955. ([PDF 1.5 MB](#))
9. *Whole-House Approach Benefits Builders, Buyers, and the Environment*. Building America Program Overview: Office of Building Technology, State and Community Programs (BTS) Brochure. (2001). 8 pp.; NICH Report No. BR-550-27745. ([PDF 748 KB](#))
10. Love, P. (2001). *Building America Program, ORNL Outreach (Viewgraphs only)*. 12 pp.; NICH Report No. PR-610-30949. ([PDF 826 KB](#))
11. Hampton, B.; Stuntz, S. (2001). *Hickory Consortium (Viewgraphs only)*. 34 pp.; NICH Report No. PR-610-30951. ([PDF 752 KB](#)).
12. Talbott, J. (2001). *Partnership for Advancing Technology in Housing (PATH) (Viewgraphs only)*. 10 pp.; NICH Report No. PR-610-30961. ([PDF 89 KB](#))
13. Oberg, B. (2001). *IBACOS: Home to Innovation (Viewgraphs)*. Anderson, R., ed. Building America Update Workshop. 53 pp.; NICH Report No. PR-610-30952. ([PDF 2.6 MB](#))
14. Baechler, M. (2001). *Innovations in Manufactured Housing and Modular Classrooms (Viewgraphs only)*. 15 pp.; NICH Report No. PR-610-30948. ([PDF 902 MB](#))
15. Anderson, R. (2001). *Building America Update (Viewgraphs only)*. 36 pp.; NICH Report No. PR-610-30947. ([PDF 1.0 MB](#))

16. Christian, J. (2001). *DOE Building America Program / DOE Buildings Technology Center Integration (Viewgraphs)*. Anderson, R., ed. Building America Update Workshop. 44 pp.; NICH Report No. PR-610-30962. ([PDF 2.6 MB](#))
17. Chism, L. (2001). *Systems Engineering Approach to the Design of Energy and Resource Efficient Homes (Viewgraphs)*. Anderson, R., ed. Building American Update Workshop. 30 pp.; NICH Report No. PR-610-30956. ([PDF 818 KB](#))
18. Pettit, B. (2001). *Building Science Consortium (Viewgraphs only)*. 49 pp.; NICH Report No. PR-610-30950. ([PDF 944 KB](#))
19. Bruncati, C.; Zoeller, B. (2001). *Consortium for Advanced Residential Buildings (CARB) (Viewgraphs only)*. 30 pp.; NICH Report No. PR-610-30953. ([PDF 1.6 MB](#))
20. Chandra, S. (2001). *Florida Solar Energy Center: Industrialized Housing Partnership (Viewgraphs)*. Anderson, R., ed. Building America Update Workshop. 69 pp.; NICH Report No. PR-610-30954. ([PDF 6.7 MB](#))
21. Guidera, K. (2001). *EEBA, Building America Integration Workshop (Viewgraphs)*. Anderson, R. Building America Update Workshop. 20 pp.; NICH Report No. PR-610-30958. ([PDF 2.0 MB](#))
22. Desiderio, M. (2001). *Future of Residential Green Buildings: Fannie Mae's Perspective (Viewgraphs only)*. 15 pp.; NICH Report No. PR-610-30957. ([PDF 382 KB](#))
23. Hodgson, M. (2001). *Community Energy Efficiency Program (Viewgraphs only)*. 10 pp.; NICH Report No. PR-610-30959. ([PDF 197 KB](#))

Ventilation Systems

1. *Ventilation System Installation and Commissioning Guide*. 6 pp.; Record No. 35395. ([PDF 2.0 MB](#))
2. Deru, M.; Burns, P. (2003). *Infiltration and Natural Ventilation Model for Whole-Building Energy Simulation of Residential Buildings*: Preprint. 23 pp.; NREL/CP-550-33698. ([PDF 593 KB](#))
3. *Improving Fan System Performance: A Sourcebook for Industry*. (2003). 92 pp.; NREL/BK-810-29166; DOE/GO-102003-1294. ([PDF 1.2 MB](#))
4. Building Science Consortium (2002). *The How and Why of Your High Performance HVAC System*. 1 pp.; Record No. 35009. ([PDF 693 KB](#))
5. ConSol Energy Consultants (1998). *Procedures for Residential Mechanical Ventilation*. 3 pp.; Record No. 34957. ([PDF 30 KB](#))
6. *Whole-House Ventilation Systems: Improved Control of Air Quality*. Building Technologies Program, Office of Energy Efficiency and Renewable Energy (EERE) (Brochure). (2002). 6 pp.; NREL/BR-840-26458; DOE/GO-102002-0778. ([PDF 400 KB](#))
7. *Spot Ventilation: Source Control to Improve Indoor Air Quality*. Building Technologies Program, Office of Energy Efficiency and Renewable Energy (EERE) (Brochure). (2002). 4 pp.; NREL/BR-840-26466; DOE/GO-102002-0786. ([PDF 256 KB](#))

8. Andrews, S. (2002). *HVAC: 'V' stands for 'Ventilation'*. HomeBuilder Magazine. Vol. 41(12), December 2002; pp. 7, 8, 10, 33, 37; NREL Report No. 33276. ([PDF 1.1 MB](#))
9. Lstiburek, J. (2002). *Residential Ventilation and Latent Loads*. ASHRAE Journal. Vol. 44 (4); April 2002; pp. 18-21; NICH Report No. 33076. ([PDF 789 KB](#))
10. Barley, C. D. (2002). *Barriers to Improved Ventilation in Production Housing: Preprint*. 9 pp.; NICH Report No. CP-550-31665. ([PDF 450 KB](#))
11. Barley, D. (2001). *Overview of Residential Ventilation Activities in the Building America Program (Phase I)*. 32 pp.; NICH Report No. TP-550-30107. ([PDF 405 KB](#))
12. Sherman, M. (2001). *The Residential Ventilation Standard*. *Environmental Energy Technologies Division News (EETD News)*. Vol. 2(3), Spring 2001; Berkeley, CA: Lawrence Berkeley National Laboratory; pp. 6-7; NICH Report No. JA-610-30984. ([PDF 679 KB](#))
13. *Whole House Fan: How to Install and Use a Whole House Fan*. Office of Building Technology, State and Community Programs (BTS) Technology Fact Sheet. (1999). 4 pp.; NICH Report No. BR-330-26291; DOE/GO-10099-745. ([PDF 240 KB](#))
14. Rudd, A. F. (1998). *Design/Sizing Methodology and Economic Evaluation of Central-Fan-Integrated Supply Ventilation System*. Proceedings of the ACEEE 1998 Summer Study of Energy Efficiency in Buildings, 23-28 August 1998, Washington, DC. Washington, DC: American Council for an Energy-Efficient Economy (ACEEE); 15 pp.; NICH Report No. JA-610-30973. ([PDF 2.1 MB](#))
15. Holton, J. K.; Kokayko, M. J.; Beggs, T. R. (1997). *Comparative Ventilation System Evaluations*. ASHRAE Transactions. Vol. 103(1), 1997; pp. 675-692; NICH Report No. JA-610-30937. ([PDF 1.5 MB](#))

Other

1. Goldstein, L.; Hedman, B.; Knowles, D.; Freedman, S. I.; Woods, R.; Schweizer, T. (2003). *Gas-Fired Distributed Energy Resource Technology Characterizations*. 226 pp.; NREL/TP-620-34783. ([PDF 5.1 MB](#))
2. Christensen, C.; Barker, G.; Tupper, K. (2004). *Optimal Building Designs on the Path to Zero Net Energy*. Campbell-Howe, R. ed. Proceedings of the Solar 2004 Conference Including Proceedings of 33rd ASES Annual Conference and Proceedings of 29th National Passive Solar Conference, 11-14 July 2004, Portland, Oregon. Boulder, CO: American Solar Energy Society (ASES); pp. 883-888; NREL/CP-550-36100. (No PDF)
3. *Moving Toward Zero Energy Homes in California: "Green" House Effect Makes Sense in the Golden State*. Building America (Brochure). (2004). 4 pp.; NICH Report No. BR-550-37320; DOE/GO-102004-2039. ([PDF 528 KB](#))
4. Energy Nexus Group (2002). *Technology Characterization: Steam Turbines*. 20 pp.; Record No. 37829. ([PDF 359 KB](#))
5. Energy Nexus Group (2002). *Technology Characterization: Reciprocating Engines*. 30 pp.; Record No. 37828. ([PDF 304 KB](#))

6. Energy Nexus Group (2002). *Technology Characterization: Gas Turbines*. 27 pp.; Record No. 37827. ([PDF 166 KB](#))
7. Energy Nexus Group (2002). *Technology Characterization: Microturbines*. 27 pp.; Record No. 37804. ([PDF 192 KB](#))
8. Andrews, S. (2004). *Builder Product Choices for High-Performance Homes*. Published in Home Builder Magazine. 6 pp.; Record No. 37798. ([PDF 4.0 MB](#))
9. Andrews, S. (2004). *McStain's Excellent Adventure*. Published in the July 2004 Home Builder Magazine. 5 pp.; Record No. 37797. ([PDF 4.0 MB](#))
10. Andrews, S. (2004). *When will world oil production peak?* Article from the September 2004 Home Builder magazine. 2; Record No. 37796. ([PDF 3.0 MB](#))
11. Wortman, D.; Echo-Hawk, L. (2005). *Renewable Energy and Energy Efficiency Technologies in Residential Building Codes: June 15, 1998 to September 15, 1998*. 170 pp.; NREL/SR-550-32688. ([PDF 2.2 MB](#))
12. Hendron, R. (2005). *Building America Research Benchmark Definition, Version 3.1*, Updated July 14, 2004. 40 pp.; NREL/TP-550-36429. ([PDF 737 KB](#))
13. *Building America Puts Residential Research Results to Work*. Building America Research that Works (Fact Sheet). (2004). 4 pp.; NREL/BR-550-35851; DOE/GO-102004-1922. ([PDF 487 KB](#))
14. Hendron, R.; Anderson, R.; Judkoff, R.; Christensen, C.; Eastment, M.; Norton, P.; Reeves, P.; Hancock, E. (2004). *Building America Performance Analysis Procedures: Revision 1*. 151 pp.; NREL/TP-550-35567. ([PDF 2.4 MB](#))
15. Farhar, B. C.; Coburn, T. C.; Murphy, M. (2004). *Comparative Analysis of Homebuyer Response to New Zero-Energy Homes: Preprint*. 16 pp.; NREL/CP-550-35912. ([PDF 482 KB](#))
16. Hendron, R.; Anderson, R.; Christensen, C.; Eastment, M.; Reeves, P. (2004). *Development of an Energy Savings Benchmark for All Residential End-Uses: Preprint*. 11 pp.; NREL/CP-550-35917. ([PDF 575 KB](#))
17. *Moving Toward Zero Energy Homes in California: "Green" House Effect Makes Sense in the Golden State*. Building America (Brochure). (2004). 4 pp.; NREL/BR-550-37320; DOE/GO-102004-2039. ([PDF 529 KB](#))
18. *Whole-House Approach Benefits Builders, Buyers, and the Environment*. Building Technologies Program Brochure. (2004). 8 pp.; NREL/BR-550-34867; DOE/GO-102004-2014. ([PDF 1.2 MB](#))
19. *BSC Final Report: Lessons Learned from Building America Participation*, February 1995 - December 2002. (2004). 36 pp.; NREL/SR-550-35915. ([PDF 1.8 MB](#))
20. Torcellini, P. A.; Long, N.; Judkoff, R. (2004). *Consumptive Water Use for U.S. Power Production*. Paper No. 4677. ASHRAE Transactions: Research. Technical and Symposium Papers from the 2004 Winter Meeting of the American Society of Heating, Refrigerating and Air-Conditioning Engineers, January 2004, Anaheim, California.

- Atlanta, GA: American Society of Heating, Refrigerating and Air-Conditioning Engineers (ASHRAE); Vol. 110, Part 1: pp. 96-100; NREL/CP-550-31253. (No PDF)
21. Bird, L.; Swezey, B. (2004). *Green Power Marketing in the United States: A Status Report*, Seventh Edition. 85 pp.; NREL/TP-620-36823. ([PDF 2.1 MB](#))
 22. Broniek, J. (2004). *IBACOS Builder System Performance Packages: January 2003 to December 2003*. 42 pp.; NREL/SR-550-34007. ([PDF 1.1 MB](#))
 23. Home Energy Magazine (2004). *Sealed-Attic Retrofit*. 1 pp; Record No. 36477. ([PDF 122 KB](#))
 24. Barley, C. D.; Torcellini, P.; Van Geet, O. (2004). *Van Geet Off-Grid Home: An Integrated Approach to Energy Savings*. 68 pp.; NREL/TP-550-32765. ([PDF 1.9 MB](#))
 25. *Northern Texas Builds Its First Zero Energy Home*. Building America (Fact Sheet). (2004). 2 pp.; NREL/FS-550-36790; DOE/GO-102004-1998. ([PDF 465 KB](#))
 26. *The reHABITAT Guide: For Energy- and Resource-Efficient Retrofit Strategies*; February 2003-February 2004. (2004). 76 pp.; NREL/SR-550-36057. ([PDF 2.1 MB](#))
 27. Drumheller, S. C.; Wiehagen, J. (2004). *Strategies for Energy-Efficient Remodeling: SEER 2003 Case Study Report*; February 27, 2003 - October 31, 2004. 32 pp.; NREL/SR-550-36474. ([PDF 2.1 MB](#))
 28. Bird, L.; Cardinal, K. (2004). *Trends in Utility Green Pricing Programs* (2003). 40 pp.; NREL/TP-620-36833. ([PDF 898 KB](#))
 29. *A Community Guide to Basic and Cost-Saving Construction in the American Southwest*. (2004). ([PDF 63 KB](#))
 30. *New American Home® 2004*: Las Vegas, Nevada. Building America Research that Works, Building Technology Program (Brochure). (2003). 6 pp.; NREL/BR-550-33600; DOE/GO-102003-1837. ([PDF 1.1 MB](#))
 31. Grisolia, A. (2003). *Results from IBACOS Building-Scale Projects: Conference or Journal Paper*. 28 pp; Record No. 34791. ([PDF 844 KB](#))
 32. Hunt, S. (2003). *Quality Home Newsletter July 2003*. 6 pp; Record No. 35664. ([PDF 461 KB](#))
 33. *Moving Toward Zero Energy Homes: Armory Park del Sol, Tucson, Arizona* (Fact Sheet). (2003). 2 pp.; NREL/FS-550-35302; DOE/GO-102003-1829. ([PDF 918 KB](#))
 34. *Moving Toward Zero Energy Homes: Lakeside, Elk Grove, California* (Fact Sheet). (2003). 2 pp.; NREL/FS-550-35306; DOE/GO-102003-1832. ([PDF 712 KB](#))
 35. *Moving Toward Zero Energy Homes: The Ultimate Family Home, Las Vegas, Nevada* (Brochure). (2003). 4 pp.; NREL/BR-550-35316; DOE/GO-102003-1827. ([PDF 1.1 MB](#))
 36. *Moving Towards Zero Energy Homes: Vista Montana, Watsonville, California* (Fact Sheet). (2003). 2 pp.; NREL/FS-550-35305; DOE/GO-102003-1831. ([PDF 718 KB](#))

37. Hendron, R.; Farrar-Nagy, S.; Anderson, R.; Judkoff, R.; Reeves, P.; Hancock, E. (2003). *Calculating Energy Savings in High Performance Residential Buildings Programs*: Preprint. 15 pp.; NREL/CP-550-33622. ([PDF 546 KB](#))
38. *Moving Toward Zero Energy Homes* (Fact Sheet). (2003). 2 pp.; NREL/FS-550-35317; DOE/GO-102003-1828. ([PDF 321 KB](#))
39. Torcellini, P.; Long, N.; Judkoff, R. (2003). *Consumptive Water Use for U.S. Power Production*. 18 pp.; NREL/TP-550-33905. ([PDF 424 KB](#))
40. Nadel, S. (2002). *Screening Market Transformation Opportunities: Lessons from the Last Decade, Promising Targets for the Next Decade*. 21 pp.; Record No. 35352. (No PDF)
41. *On the Path to Zero Energy Homes*. (2001). 6 pp.; NREL/BR-550-29915; DOE/GO-102001-1287. ([PDF 281 KB](#))
42. *FEMP Training Catalog for Fiscal Year 1996*. (1995). 27 pp.; Record No. 20343; DOE/GO-10095-169. (No PDF)
43. Hassell, S.; Wong, A.; Houser, A.; Knopman, D.; Bernstein, M. (2003). *Building Better Homes: Government Strategies for Promoting Innovation in Housing*. 108 pp.; Record No. 36012. (No PDF)
44. Gaskin, J.; Waltz, C.; Garber, M.; Wade, G. (2002). *Guidelines for On-Site Use of New Scrap Wallboard in Georgia Residential Construction*. University of Georgia's Biological and Agricultural Engineering Department; 2 pp.; Record No. 33988. ([PDF 131 KB](#))
45. Gaskin, J.; Waltz, C.; Garber, M.; Wade, G. (2002). *On-Site Beneficial Use of New Scrap Wallboard in Georgia Residential Construction*. University of Georgia's Biological and Agricultural Engineering Department; 4 pp.; Record No. 33989. ([PDF 69 KB](#))
46. Love, P. M. (2002). *Building America - working with American builders for energy-efficient, green and sustainable houses*. 2 pp.; NICH report No. 33227. ([PDF 2.0 MB](#))
47. *Summary of Green Building Programs*. (2002). 44 pp.; NICH Report No. SR-550-32390. ([PDF 414 KB](#))
48. Hassell, S.; Florence, S.; Etedgui, E. (2001). *RAND Summary of Federal Construction, Building, and Housing Related Research and Development in FY1999*. 54 pp.; NICH Report No. 30877. ([PDF 186 KB](#))
49. *Advanced Air Distribution Strategies Improve Performance of Palm Harbor Homes: Building America System Fact Sheet*. (2001). 2 pp.; NICH Report No. FS-550-30540. ([PDF 185 KB](#))
50. *Building America Partner Program: A Program of the Home Builders Association of Central New Mexico*. (2001). 2 pp.; NICH Report No. FS-550-30858. ([PDF 267 KB](#))
51. *Home Builders Association of Central New Mexico: Building America Fact Sheet*. (2001). 1 p.; NICH Report No. FS-550-30859. ([PDF 216 KB](#))
52. Andrews, S. (2001). *Pulte Homes and Re-Engineering*. HomeBuilder Magazine. April 2001; pp. 20-24; NICH Report No. JA-610-31044. ([PDF 1.2 MB](#))

53. *Energy-Efficient Appliances*. Office of Building Technology, State and Community Programs (BTS) Technology Fact Sheet. (2001). 4 pp.; NICH Report No. BR-810-26468; DOE/GO-102001-0788. ([PDF 780 KB](#))
54. *Combustion Equipment Safety*. Office of Building Technology, State and Community Programs (BTS) Technology Fact Sheet. (2000). 4 pp.; NICH Report No. FS-810-26464; DOE/GO-102000-0784. ([PDF 1.0 MB](#))
55. *Office of Building Technology, State and Community Programs (BTS) Strategic Plan* (Brochure). (1998). 16 pp.; NICH Report No. 28392; DOE/GO-10099-688. ([PDF 212 KB](#))
56. *Building America. Energized* (Fact Sheet). (1994). 2 pp.; NICH Report No. TP-470-5776-J. (No PDF).