

AARON TOWNSEND

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Aaron Townsend joined Building Science Corporation as an associate engineer in 2004. His activities have focused on methods and strategies to reduce residential energy consumption in both production- and custom-built homes while maintaining high levels of building durability. Specifically, Aaron performs analysis and design of building mechanical systems and building envelopes, as well as research and development in the areas of mechanical systems; building envelope assemblies; solar-PV and solar-thermal technologies; and lighting and plug-loads.

Aaron's field work for BSC includes: installation and instrumentation of prototype systems and building durability projects; performance testing, such as blower-door, duct-blaster, and tracer gas testing; and building failure investigations.

During his graduate study at Stanford, Aaron studied energy systems, including wind and solar energy and fuel cells; and control systems. At the University of Texas, Aaron dabbled in environmental, nuclear, and solar engineering in addition to traditional mechanical engineering. He also performed undergraduate research on diesel exhaust catalysts.

Education

Stanford University
Palo Alto, California
Master of Science in Mechanical Engineering

The University of Texas
Austin, Texas
Bachelor of Science in Mechanical Engineering

Professional Registrations and Memberships

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