

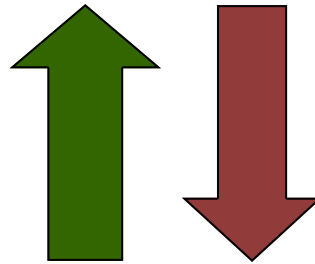
RESILIENT BUILDINGS

— GROUP —

Superior energy performance

We want to improve your commercial building:

- Comfort
- Indoor Air Quality
- Sustainability
- Occupancy



- Energy Costs
- Maintenance Costs
- Greenhouse Gases
- Absenteeism

- Comprehensive and custom construction management with a unique focus on energy-use reductions
- Deep Energy Retrofits — 50% energy use reductions
- Energy Audits — Monitoring and Verification — Commissioning
- LEED and High Performance Buildings Consulting
 - New Construction
 - Mid-Rise
 - Low-Rise
 - Homes/Multifamily
 - Core and Shell
 - Commercial Interiors
 - Existing Buildings—Operations and Maintenance
- And many other custom services

Resilient Buildings Group, Inc. is a majority-owned, for-profit subsidiary of The Jordan Institute, a non-profit energy-reduction think tank.



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Comprehensive Services



- Lead integrated design team charrettes (brainstorming sessions)
- LEED consulting and certification
- Perform energy audits and assessments
- Review drawings, plans, and designs
- Model energy and financial savings
- Develop project scope and energy-related goals
- Navigate and obtain financial incentives for energy projects
- Provide technical assistance for energy projects
- Manage construction projects
- Write Requests for Proposals on behalf of clients
- Assist with contractor selection
- Oversee project implementation
- Ensure buildings perform as designed through Commissioning
- Analyze energy data
- Conduct comfort and energy-efficiency surveys
- Energy Master Plans

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Comprehensive Services

What are Resilient buildings?

New England is prone to weather extremes – heat and cold – as well as precipitation in all its forms. We overwhelmingly rely on fossil fuels to heat our buildings and an aging electricity grid to bring us electricity. Most buildings were not built to address our current expectations of energy performance or comfort, let alone volatile energy costs. Resilient Buildings are much more energy efficient and are better prepared to withstand extreme weather and energy volatility. Our projects are aggressively insulated and use energy efficiency and renewable energy appropriately to maximize savings.

What does a non-profit owned company bring to the table?

We are mission driven, not product driven. We take a comprehensive approach to your project. We provide customized consulting services to reduce your energy costs, improve the comfort and durability of your building, and reduce greenhouse gas emissions. As a third-party we do not endorse specific products or services. As a non-profit owned company, we are mission driven to find comprehensive, integrated, cost-effective solutions for each client and each building.

Our clients call us about their high energy bills, comfort or air quality issues, mechanical equipment problems, new technologies, renewable energy systems, and assistance finding financial incentives. Most of the buildings we work in are 10,000-250,000 square feet of space and project costs often range between \$300,000 - \$5 million.

We work in retail and office buildings, multifamily buildings, health clubs, schools and municipal buildings, heated warehouses and manufacturing facilities, some very unique buildings, and some very ordinary buildings. Whether your building is on the Historic Register or is about to be built, we can help you make it perform better.

We collaborate with some of the best building professionals in the region. We are happy to work with your team to optimize your project - costs, schedule, products, innovative solutions - or we can help select a team that matches your needs and is appropriate for your project.

Working together

The Jordan Institute and Resilient Buildings Group bring together the innovative skills, passion, and experience necessary to make your building the best it can be.

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Qualifications

Our Mission: We advance public, environmental, and economic health by improving energy performance and resiliency in how buildings are designed, built, renovated, operated, and financed. **Resilient Buildings Group's (RBG)** mission is to scale-up the number and quality of high-performance, low-energy-use, resilient buildings in the northeast.



Our Vision: We seek to achieve the most resilient and sustainable quality of life possible by transforming the energy and built landscape in our region, providing a model for the nation.

Our History: In 1995, Doyle E. and Lenore M. Jordan provided the initial gift that launched The Jordan Institute. They had a keen interest in funding research and policy initiatives that explore the link between our environment, public health, and the economy. Our programs have been based on that general principle ever since. In Summer 2013, Jordan established a majority-owned for-profit subsidiary, RBG, which handles its in-the-field energy project work, including energy audits, energy monitoring and verification, building commissioning, LEED consulting and certification, and energy-centric construction management. These projects often see energy-use reductions greater than 50% and cost savings up to 80%.



Construction Management Qualifications: General Manager, Dana Nute, has worked in the construction management field for more than 35 years on the east coast of the United States and overseas. The last 16+ years has been mostly in New Hampshire and he has worked with a wide variety of subcontractors with emphasis on high-quality construction, and finished products. The RBG team carries with them the “think tank” operations of The Jordan Institute thereby bringing teamwork and new ideas to each project. RBG’s mission and business plan is not to construct high rises and “big box” stores but to concentrate on quality new construction and renovation while working closely with the owner. We look at each project as if we were the owner and this is what sets RBG apart from others. By working as owners, you can be sure the finished product will be as per the vision of the owner with quality, ingenuity, and economics. Our marketing strategy relies heavily on reputation. We are mission driven and strive to maximize the energy efficiency of a facility which results in reduced energy costs and operation costs. A “resilient” and comfortable structure is the by product.



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Qualifications



High-Performance Building Consulting Qualifications:

Staff-green building expertise extends back to the very beginning of the LEED program, as Jordan's High Performance Buildings Program Manager, Paul Leveille, managed the design and construction of the first LEED certified building in New England. That building, the Society for the Protection of New Hampshire Forests French Wing, remains a prime example of green building principles. Currently we are working on LEED projects registered for the New Construction, Schools, Core and Shell, and Commercial Interiors programs; in addition, we are the LEED for Homes Provider for New Hampshire. We have worked on LEED projects in NH, MA, ME, NY, RI, CT, and PA.



While most of our High Performance Buildings clients seek LEED certification in particular, we work with other certification systems as well. These include Energy Star, Collaborative for High Performance Schools (CHPS), and the National Association of Homebuilders standards. We are equally comfortable at developing project specific goals and working with teams to achieve those goals without otherwise recognized industry-standard certification programs. Additionally, we are currently consulting on projects where owners are interested in net-zero buildings.



We address a wide range of building types and sizes, from a 6,000 square foot interior renovation to a 267,000 square foot school building. Overviews of representative projects follow this statement of qualifications. We also teach a variety of High-Performance Building training programs for companies, trade associations, and the general public. Our most recent trainings were organized in partnership with the American Institute of Architects, NH Chapter and the Associated Builders and Contractors, NH and VT Chapter.



The Jordan Institute and Resilient Buildings Group bring together the innovative skills, passion, and experience necessary to make your building the best it can be.

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Project Staff

Dana Nute, General Manager

Dana Nute is a founder of Resilient Buildings Group and its General Manager, overseeing all project work in the field and management of energy audits, construction management, and other energy consulting. He is a graduate of Northeastern University with a civil engineering degree working in construction management and development. Dana has managed projects from 1,000 sq. ft. additions and renovations to larger structures such as the JFK Library in Columbia Point, MA and to numerous facilities in the Mideast. Dana has developed the construction management portion of the business at Resilient Buildings Group (RBG) and also coordinates technical and construction measures for deep-energy retrofit and high-performance buildings. Prior to joining The Jordan Institute and RBG he was employed by Community Action Program Belknap-Merrimack Counties where he was Director of Housing Rehabilitation and Energy Conservation. He also was involved in development of transitional housing, both new construction and rehab work, and multifamily housing rehab.

He has been The Jordan Institute's and the Community Action Agencies' representative as an intervener with the New Hampshire Public Utilities Commission on Energy Efficiency Programs, a member of the New Hampshire Climate Collaborative, and a voting member of the Energy Efficiency and Sustainable Energy Board. He is a State-certified energy auditor with the New Hampshire Office of Energy and Planning, on the Board of Directors of the Residential Energy Performance Association, on the Advisory Board for the State of NH Weatherization Assistance Program, a member of the Statewide Steering Committee for Healthy Homes, and a member of the National Weatherization Plus 2015 Committee in Washington, DC. He received the 2009 U.S. Department of Energy Management and Administration Award.

Alison Keay, LEED AP-Homes; BPI Building Analyst: *Building Energy Analyst*

Alison Keay is a BPI certified building analyst with experience in blower door testing of residential, multi-family, and commercial buildings, as well as infrared imaging for building diagnostics. Currently, she is the only certified LEED for Homes-Accredited Professional in New Hampshire, is also a certified LEED Green Rater, and is pursuing a Certificate Program in Historic Preservation at Plymouth State University, and has performed numerous RPRs for Historic Review Documentation. She has worked on Level I and Level II energy audits for retail spaces, restaurants, warehouses, municipal buildings, multifamily housing, child care facilities, and single-family residential buildings. She is experienced with launching and reading data-logging equipment and other forms of building monitoring and verification, as well as mechanical systems and renewable-energy systems such as solar thermal, photovoltaics, and wood pellet boilers. Alison works on commercial and residential LEED projects and Deep Energy Retrofits, assisting with site supervision and financial rebate acquisition. She is a graduate of Keene State College with a Bachelor of Science in Architecture. Her focus in the architecture program was sustainable architecture and building science.

Project Staff

Paul Leveille, Associate AIA; CBCP: LEED AP: *High Performance Building Specialist*

Paul Leveille has over two decades of high-performance design and building experience. He began as a designer in the field of architecture, became Facilities Director for an exemplary green office complex in New Hampshire, and is now the High Performance Building Program Specialist for The Jordan Institute and Resilient Buildings Group, Inc. Paul works with interested parties through the design, construction, and operation to optimize energy and environmental performance in buildings, including energy efficiency, pollution prevention, indoor environmental quality, and site protection. He led Jordan's high-performance buildings program for 8 years and has been instrumental in certifying more than 50 LEED projects. Paul is a frequent speaker on the subject of high-performance design and construction. He holds degrees in Architectural and Electronic Engineering from NH Technical Institute and is a Certified Building Commissioning Professional. He lives in a passive solar home he built using timbers sawn from his own trees. Paul is the past Director of Facilities for the Society for the Protection of NH Forests, the state's oldest and largest land conservation organization. Among those facilities he oversaw was the award-winning Conservation Center, a showcase for passive solar design. He oversaw lighting upgrades, installation of the then largest utility inter-tie solar electric system in NH, and a central woodchip-fired heating system. He also guided the state-of-the-art addition that features a super-insulated and air-tight envelope, day-lighting, local materials, composting toilets, a full grey-water recycling system, non-toxic materials and more. The project was New England's first LEED certified building and earned a Gold rating. Paul has chaired the Environmental Committee of the NH Chapter of the American Institute of Architects and the NH Sustainable Energy Association.

Project Staff

Laura Richardson, Executive Director, The Jordan Institute, Concord, New Hampshire

Laura Richardson is Executive Director of The Jordan Institute. Laura oversees public policy, operations, and communications for both Jordan Institute and Resilient Buildings Group, Inc. She is a voting member of the Energy Efficiency and Sustainable Energy (EERE) Board and co-chairs EERE's Legislative Committee, is an intervener with the Public Utilities Commission on the CORE energy-efficiency programs administered by the energy utilities, is working to develop financing solutions for EE/RE projects (C-PACE), and participates in myriad other energy-related projects and stakeholder events. For three years, she managed nine stimulus-funded energy programs for the NH Office of Energy and Planning (OEP), including the Enterprise Energy Fund – a revolving loan fund for businesses for building-energy retrofits, and programs that provided energy audits for municipalities and businesses. She developed the first-in-the-nation rebate program for bulk-fed centralized wood-pellet boilers and furnaces, which has expedited market transformation from heating oil to local and less expensive wood pellets. While at OEP, she led NH's nationally recognized efforts for the significant improvement of building-energy code compliance, co-chaired the EPA-DOE coordinated State Energy Efficiency Action Network's Working Group on Building Codes where she advocated for innovative paths to address low compliance rates, and oversaw energy efficiency and renewable energy project work at campuses owned by both the state's university and community college systems. Prior to her service to the State, she was Project Director for StayWarmNH, a public-private effort initiated by Governor John Lynch to address skyrocketing energy costs in 2008 and the concerns for NH's most vulnerable residents. Through their business in 2007, Empowered Homes, LLC, she and her husband retrofitted a 108-year-old home as a Deep Energy Retrofit, which received a HERS 54 score. She co-founded the NH Sustainable Energy Association (NHSEA) in 2003, a statewide non-profit organization focused on renewable energy and energy efficiency and led that group in various roles through 2009. She has chaired the Trustees of the Trust Fund for her town for nine years. Since 2000, she has lived off-grid in a very low-energy home powered by a 2.4kW photovoltaic system and heated by passive solar and a TARM cordwood gasifier. She is a graduate of Bates College in Lewiston, ME.

Prudy Veysey, Office Manager

Prudy Veysey is a graduate from the University of New Hampshire at Plymouth with her BS degree in Business Administration. She worked as the Executive Assistant to the Business Manager, Board of Trustees, Buildings and Grounds Committee, and Finance Committee for many years at Proctor Academy, an environmentally responsible private high school, where every day is Earth Day. While there, she assisted with upgrades to existing buildings and new construction that incorporated high standards of sustainability including energy efficiency, recycled materials, and renewable energy. Recently she was employed as office manager and as executive/personal assistant to the CEO of Napo Pharmaceuticals, Inc. Napo is a privately held pharmaceutical company based in San Francisco, California. Outside of work she can be found upgrading the efficiency and comfort of her 1825 home in Gilman-ton Corners with her family or restoring her 1973 Volkswagen bus.

LEED/HIGH-PERFORMANCE CONSULTING PROJECTS



Physicians Assistance Program – Johnson Wales University

Location: Providence, Rhode Island

Owner: Johnson & Wales University

Architect: Durkee Brown Viveiros Werenfels

Building Type: Training Facility / Classroom
(renovation of former mill building)

Size: 17,000 square feet

Rating: LEED for New Construction v3 – Gold

Role: LEED / High-Performance Consultant

Project Duration: August 2012 – November 2014

Contact: Brian Lanoie, Sr. Facilities Project Manager
at JWU 401-598-2970

Ristagno Residence

Location: Rye Beach, NH

Owner: Charlie and Marcia Ristagno

Architect: Pearson Design Group

Building Type: Single Family Residence

Size: 5,000 square feet

Rating: LEED for Homes – Platinum

Role: LEED / High-Performance Consultant

Project Duration: April 2013 – November 2014

Contact: Charlie Ristagno, owner 603-964-7674
603-226-3990



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LEED/HIGH-PERFORMANCE CONSULTING PROJECTS

Plymouth North High School

Location: Plymouth, MA

Owner: City of Plymouth

Architect: Ai3 Architects

Building Type: New High School

Size: 267,000 SF

Rating: LEED Gold

Role: LEED / HP Consultant

Project Duration: July 2010 – February 2014

Contact: Jonathon Braley, President J&J Contractors, 978.452.9898



Natick High School

Location: Natick, MA

Owner: City of Natick

Architect: Ai3 Architects

Building Type: New High School

Size: 234,000 SF

Rating: LEED Silver 2013

Role: LEED / HP Consultant

Project Duration: Sept 2010 – December 2013

Contact: Daren Sawyer, Architect 508-358-0790

Portsmouth Public Library

Location: Portsmouth, NH

Owner: City of Portsmouth

Architect: Amsler Mashek MacLean Architects

Building Type: Public Library

Size: 40,000 SF

Rating: LEED Silver 2007

Role: LEED / HP Consultant

Project Duration: November 2005 – November 2007

Contact: Mary Ann List, Library Director 603-427-1540



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LEED/HIGH-PERFORMANCE CONSULTING PROJECTS



The Wyeth

Location: Cambridge, MA

Owner: Broder Properties

Architect: Touloukian Touloukian, Inc

Building Type: Adaptive Reuse of former school into Multifamily

Size: 57,000+ SF (2 buildings)

Rating: LEED for Mid-Rise Platinum

Role: LEED / HP Consultant / Commissioning / Utility Rebates

Project Duration: July 2012 - Summer 2014

Contact: Ben Svenson, Partner Broder Properties 617-229-2009

Grappone Toyota

Location: Bow, NH

Owner: Grappone Automotive Group

Architect: Margaretten Architects

Building Type: Industrial and Office

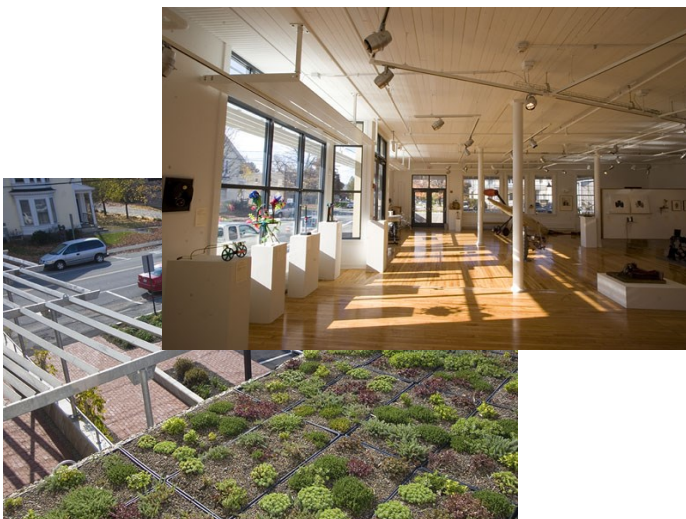
Size: 73,000 square feet

Rating: LEED Certified 2012

Role: LEED / HP Consultant / Commissioning

Project Duration: May 2010 – November 2012

Contact: Steve Savoy, Chief Operating Officer,
Grappone Toyota 603-226-8070



AVA Gallery and Art Center

Location: Lebanon, NH

Owner: AVA Gallery and Art Center

Architect: Banwell Architects

Building Type: Art Gallery/Office Building -gut rehab of
Industrial Building/Green Roof

Size: 19,000 square feet

Rating: LEED for New Construction v2.2 – Gold 2008

Role: LEED / HP Consultant

Project Duration: May 2005 – November 2008

Contact: Bente Torjusen, Executive Director AVA
603-448-3117

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LEED/HIGH-PERFORMANCE CONSULTING PROJECTS



South Cove Activity Center

Location: Grantham, NH
Owner: Eastman Community
Architect: Warrenstreet Architects
Building Type: Community Center
Size: 20,400 SF
Rating: LEED Gold 2011
Role: LEED / HP Consultant
Project Duration: April 2008 - Feb 2011
Contact: Ken Ryder, General Manager Eastman Community Association 603-863-4240

New Hampshire Technical Institute Health Education and Academic Center

Location: Concord, NH
Owner: State of New Hampshire
Architect: DC Architects
Building Type: Institutional
Size: 34,000 SF
Rating: LEED for New Construction - Silver certified
Project Duration: June 2008– May 2010
Contacts: Duene Cowan, Owner DC Architects, 603-226-3990



French Wing Addition to the Conservation Center

Location: Concord, NH
Owner: Society for the Protection of NH Forests
Architect: Banwell Architects
Building Type: Office
Size: 11,400 SF
Rating: LEED Gold 2003
Role: LEED / Owner's Rep
Project Duration: June 2000 - March 2003
Contact: Jane Difley, President, SPNHF 603-224-9945

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The Jordan Institute

LEED/HIGH-PERFORMANCE CONSULTING PROJECTS

Second Nature Academy

Location: Nashua, NH

Owner: Denis and Debbie Gleeson (Private School)

Architect: MacMillin

Building Type: Preschool and office space

Size: 4,800 SF

Rating: LEED-NC v2.2 Platinum 2010

Role: LEED / HP Consultant / Commissioning

Project Duration: November 2006 – February 2010

Contact: Denis and Debbie Gleeson, co-owners 603-881-4815 X 1500



Keene Middle School

Location: Keene, NH

Owner: City of Keene

Architect: Frank Marinace Architects

Building Type: New Middle School

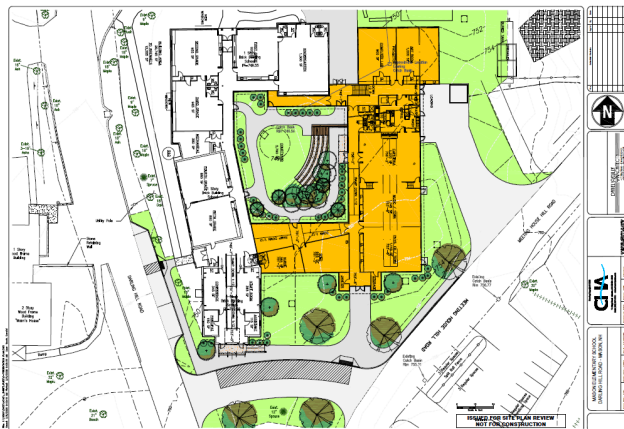
Size: 168,000 square feet

Rating: CHPS Certified

Role: CHPS Consultant

Project Duration: March 2008 – July 2011

Contact: Bill Root, Commissioning Agent GWR Engineering 802-425-2825



Mason Elementary School

Location: Mason, NH

Owner: SAU

Architect: Dan Scully Architects

Building Type: Addition and Renovation

Size: 20,000 SF

Rating: CHPS Certified

Role: CHPS Consultant

Project Duration: October 2008 – February 2011

Contact: Dan Scully, Architect 603-357-4544

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LEED/HIGH-PERFORMANCE CONSULTING PROJECTS

New Hampshire Audubon McLane Center

Location: Concord, New Hampshire

Owner: New Hampshire Audubon Society

Architect: Sheer McCrystal Palson

Building Type: Office Building and Visitor Center (new)

Size: 12,000 square feet

Rating: LEED for New Construction v2.1 – Gold 2008

Role: LEED / HP Consultant / Owner's Rep

Project Duration: October 2006 – February 2008

Contact: Iain McLeod, former ED (now Executive Director at NH Squam Lakes Science Center) 603-968-7194



Nobis Engineering - Merrimack Valley Headquarters



Location: Lowell, Massachusetts

Owner: Nobis Engineering

Architect: Durkee Brown Viveiros and Werenfels Architects

Building Type: Office Building (gut rehab of Industrial mill building; addition)

Size: 19,000 square feet

Rating: LEED for New Construction v2.2 – Gold 2010

Role: LEED / HP Consultant

Project Duration: August 2008 – January 2010

Contact: Ken Koornneef, Partner, Nobis Engineering 603-224-4182

White Mountain Administrative Complex

Location: Campton, NH

Owner: U.S. Forest Service

Architect: URS Corporation

Building Type: Office Building and Visitor Center (new)

Size: 37,000 square feet

Rating: LEED for New Construction v2.1 – Gold

Role: LEED / HP Consultant / Commissioning

Project Duration: March 2007 – April 2012

Contact: Bill Dauer, Forest Engineer USFS 603-536-6207



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DEEP-ENERGY RETROFIT PROJECTS



North Country Warehouse

Location: Lancaster, NH

Owner: P. J. Noyes

Building Type: Manufacturing/warehouse

Size: 30,600 SF

Project: Owner advocacy, airseal, insulate, wood pellet boiler, storage, distribution system, lighting, controls

Project Cost: \$680,000

Contact: Denis Wogaman

Riverbend Counseling Building

Location: Concord, NH

Owner: Riverbend

Building Type: Office/Health Clinic

Size: 7,627 SF

Project: Energy audit, owner advocacy, airseal, insulate, ERVs, HVAC

Project Cost: \$96,000

Contact: Susan Cummings



Union Block Historic Building

Location: Claremont, NH

Owner: Gary Trottier

Building Type: Retail/Apartments

Size: 32,635 SF

Project: Energy audit, owner advocacy, airsealing, insulation, health and safety solutions, wood-pellet heating system, switch from steam to hot water, solar hot water,

Project Cost: \$1,123,000

DEEP ENERGY RETROFIT PROJECTS



Transitional Housing

Location: Manchester, NH
Owner: Families in Transition
Building Type: Multifamily
Size: 10,415 SF
Project Cost: \$368,000
Contact: Maureen Beauregard

Nobis Engineering

Location: Concord, NH **Owner:** Nobis Engineering
Building Type: 12,700 SF, Office, built in 2000 50+ occupants
Project Savings: 50% air infiltration; 50+% energy cost savings
Contact: Nancy Parker



Project Scope: energy audit, energy-centric construction management, commissioning, monitoring and verification; navigation of rebates and incentives, occupancy comfort surveys,
Project implementation: airsealing, insulation, high-efficiency boilers, ventilation, controls, LED lighting,

Stafford House

Location: Laconia, NH **Owner:** Laconia Housing Authority
Building Type: 50 Apartments **Size:** 36,352 SF
Project Cost: \$620,000
Contact: Richard Weaver

Project Scope: energy audit, energy-centric construction management, commissioning, monitoring and verification
Project implementation: airsealing, insulation, high-efficiency gas-fired boilers, ventilation, controls, windows, toilets, LED lighting, refrigerators, 35kW photovoltaic system

