



Our Business Model

Resilient Buildings Group is a majority-owned, for-profit subsidiary of The Jordan Institute, a 501(c)3 non-profit energy and climate think tank. The Jordan Institute benefits from profits realized by Resilient Buildings Group, as well as financial support from private individuals and foundations.



Mission Statements

The Jordan Institute's mission is to 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 mission is to scale-up the number and quality of high-performance, low-energy-use, resilient buildings in the northeast.

Vision Statement

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.



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.



RESILIENT BUILDINGS — GROUP — *Superior energy performance*

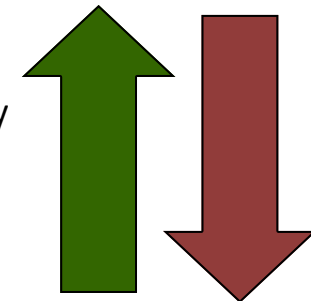
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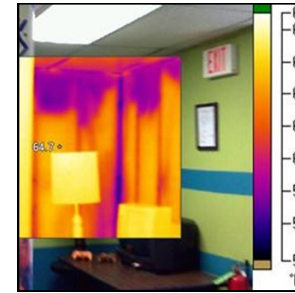
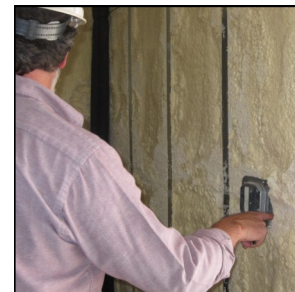
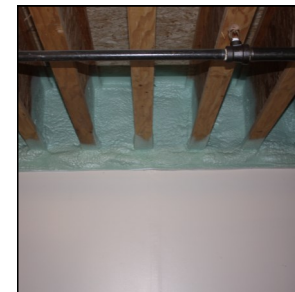
RESILIENT BUILDINGS — GROUP — *Superior energy performance*

We want to improve your commercial building:

- Comfort
- Indoor Air Quality
- Sustainability
- Occupancy



- Energy Costs
- Maintenance Costs
- Greenhouse Gases
- Absenteeism



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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 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 firm bring to the table?

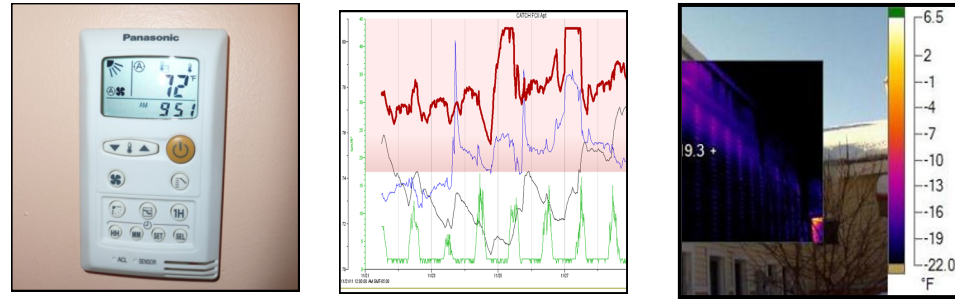
We are mission driven, not product driven. We take a comprehensive approach to your project. We provide customized consulting services to reduce your energy costs, improve the comfort and durability of your building, and reduce greenhouse gas emissions. As a third-party we do not endorse specific products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

Our clients often 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 do a lot of 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.



Comprehensive and Custom Services

- Lead integrated design team charrettes (brainstorming sessions)
- Perform energy audits and assessments
- Review drawings, plans, and designs
- Model energy and financial savings
- Develop project scope and energy-related project goals
- Navigate 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 — before, during, after the project
- Conduct comfort and energy-efficiency surveys

Energy Use In New Hampshire

Buildings consume more energy than any other sector nationally. In New Hampshire, this challenge is even greater because of winter's cold climate, and summers that are getting hotter, triggering a new need for air conditioning.

Seventy percent (70%) of New Hampshire heats with oil, propane, or kerosene, and 25% heats with natural gas. Despite much lower costs for natural gas fuel, there is little expectation of expansion of availability of that fuel in this mostly rural state. That means 95% of heating in New Hampshire is accomplished with fossil fuels, none of which is native to the state.

The building sector consumes nearly half of all energy produced in the United States and similarly in New Hampshire. Half of the CO₂ emissions – both here and across the country – are emitted by the building sector. Therefore, buildings are the largest human-induced contributor to climate change in the U.S. and globally.

We Can Replicate These Results

Our Deep Energy Retrofit projects often reduce energy use by more than 50% and reduce energy costs by upwards of 70%. We have also worked on a number of net-zero and close to net-zero energy projects.

We certify more than 70% of the LEED buildings in New Hampshire, and have LEED projects in all the Northeast States. We have worked with LEED-New Construction, LEED-Mid-Rise, LEED for Homes (special focus on multifamily projects), and LEED for Existing Buildings.



North Country Warehouse

- 80% Heating Cost Reduction
- 54% BTU Reduction
- Year-round Comfort
- Improved Indoor Air Quality



Union Block Historic Building

- 50% Heating Cost Reduction
- 40% Tenant Occupancy Increase
- Improved Indoor Air Quality
- Asset Value of Building Doubled
- Community role model and leader in energy redevelopment projects

Art Gallery

- Adaptive Re-Use of Mill Building
- 65% Energy Use Reductions
- Natural Day Lighting
- Significant insulation levels and high-performance materials and technologies
- Next phase will achieve Net Zero Carbon

