



INTELLIGENT ENERGY. SMART SOLUTIONS.



e3i is a green energy solutions firm specializing in helping critical facilities reduce their reliance on the traditional electrical grid.

By designing and managing custom energy systems, e3i delivers innovative projects focused on fuel cells, solar power, battery storage, and microgrids.

What sets us apart is our full-service approach—we manage every aspect of a project, from initial concept through engineering, permitting, construction administration, and long-term operational support.

FUEL CELLS

e3i designs fuel cell systems to provide a clean, reliable alternative to combustion-based electricity. This approach is best suited for commercial or industrial applications with access to natural gas and regular maintenance and provides sustainable and back up power.

MICROGRID DEVELOPMENT

e3i works with clients to design and integrate microgrids powered by solar energy and battery storage [Battery Energy Storage Systems (BESS)], providing backup power and long-term sustainability.

EV CHARGING INFRASTRUCTURE

In the growing push toward electrification, e3i designs and manages fleet conversion projects, helping clients upgrade garages and parking areas with EV chargers powered primarily by solar energy. The chargers are supplemented by battery storage and backup generators for emergencies, utility interconnection applications, with careful attention to urban planning elements like sound mitigation and community impact.





LET'S WORK TOGETHER TO BUILD YOUR ENERGY FUTURE.

e3i is ready to power your organization with intelligent, resilient, and sustainable energy solutions.

PROJECTS

- » **Verizon Fuel Cell & Microgrid Installations:** 17 locations with backup power, grid independence, and sustainability to ensure uninterrupted power for critical operations.
- » **Verizon EV Charging Infrastructure:** solar-powered fleet electrification with full-site energy management
- » **Department of Resources:** micro peak demand reduction plant in Medford, MA
- » **Northeastern University:** Combined heat & Power (CHP) and resiliency study across multiple buildings
- » **Otis Air National Guard Base:** Cape Cod microgrid installation
- » **Southbridge Innovation Center:** Combined heat & power serving 1.2 million SF of hotel/conference, commercial, industrial, and manufacturing space.

DID YOU KNOW?

- » Fuel cells generate electricity without combustion, using natural gas and water.
- » Fuel cells can provide anywhere from 25kW to 700kW, reducing strain on the traditional electrical grid.
- » Microgrids provide backup power, sustainability, and energy independence.
- » EV charging allows companies to charge vehicles primarily with solar energy, with backup generators for emergency situations.



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