



Navigating the energy economy.TM



Guiding clients in energy budget optimization, revenue generation and environmental stewardship.

An Overview Of
Energy New England

Commercial & Industrial Conservation Audits



Navigating the energy economy.TM



Guiding clients in energy budget optimization, revenue generation and environmental stewardship.

Basic Facility Audit

Introduction

- Age, Occupancy

Building Envelope

- Doors
- Windows
- Roof
- Insulation

HVAC & Refrigeration

- Types
- Thermostats
- Motors
- Exhaust

Lighting

- Occupancy Sensors
- Task lighting
- Fluorescent
- Flood, Candelabra
- LED exit signs

Domestic Hot Water

- Type/Temperature

Other Energy Systems

- Office Equipment
- Kitchen



Navigating the energy economy.TM

Guiding clients in energy budget optimization, revenue generation and environmental stewardship.



Preliminary Facility Audit

- **HVAC SYSTEMS**
 - Control Systems
 - Boiler Operation
 - Maintenance Improvements
 - A/C Efficiency
 - Ventilation Requirements (CO₂)
 - Variable Frequency Drives
 - Variable Air Volume
- **OFFICE EQUIPMENT**
 - Smart Power Strips
 - Energy Star
 - Monitor Power
- **IDENTIFY MEASURES**
- **COST & SAVINGS**
- **SIMPLE PAYBACK**



Navigating the energy economy.TM

Guiding clients in energy budget optimization, revenue generation and environmental stewardship.



Investment Grade Audit

- Utility Analysis
 - Benchmarking
- Monitoring and Verification
- Renewable Energy Potential
- Heat Recovery
- Energy Management Systems
- Return on Investment
- Project Management
- Water Usage
- Demand Control
- Optimization
- Storage systems
- Co-generation
- Air compressors
- Boiler control



Navigating the energy economy.TM



Guiding clients in energy budget optimization, revenue generation and environmental stewardship.

Tips

- Occupancy Sensors
- Dimming Switches
- Light Bulbs
 - Compact Fluorescents
- Fluorescent Lighting Upgrade
 - Reduce energy consumption by more than half
- Exit signs
- Sunlight
- Over lighting
- Programmable Thermostats
- Low Flow Water Devices
- Exhaust Control
- Weatherization
- Maintenance
- Ventilation
- Motors
- Vending miser
- Energy management