

Service Offering

Energy Efficiency Auditing



iCAST Mission

*“to provide economic, environmental, and social benefits to economically disadvantaged people and communities;
and to provide education and training that builds local capacity.”*

All over the world, households and businesses are being crushed by increasing energy costs. This energy crisis has an especially devastating effect on low-income housing units, service organizations, schools and communities. iCAST, a 501(c)3 nonprofit is dedicated to offering relevant, cost effective methods to identify, reduce and even eliminate energy costs. A combination of conservation and efficiency measures will promote increased operational funds through the energy savings realized.

iCAST will:

- Review bids to ensure ethical and cost effective recommendations
- Conduct a Checklist or Comprehensive Audit Depending on Funder Requirements
- Recommend Energy Conservation Measures
- Implement Energy Conservation Measures
- Manage Projects end to end
- Evaluate and Report Outcomes
- Provide Training and Education in Energy Efficiency and Conservation
- Seek Additional Funding Sources for the Project
- Provide Payback Schedules
- Calculate Carbon Emission Reductions

iCAST works with a collaboration of local stakeholders, technical experts, university students, government officials and the private sector to develop and execute appropriate services and long term solutions. The results show that organizations who have worked with iCAST are able to significantly decrease or eliminate use of expensive fuels and energy inputs. This savings allows families and organizations to live in increased comfort, save money, and minimize environmental impact.

Success Story - Women's Bean Project



The Women's Bean Project, a nonprofit organization in Denver, CO that teaches job readiness and life skills to low income women, received energy conservation recommendations and upgrades through the Nonprofit Energy Efficiency Program (NEEP). NEEP is a partnership that started between the City of Denver, Energy Outreach Colorado and iCAST to assist nonprofit organizations in reducing energy bills and saving operational dollars.

iCAST determined the need for and managed new attic insulation, lighting upgrades, weather stripping and energy efficient appliances at a cost of \$50,000 to reduce energy consumption and save \$6,900 per year. In addition, these upgrades will reduce polluting emissions by approximately 90,000 pounds of CO₂ a year.

International Center for Appropriate & Sustainable Technology

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