

Environment and Natural Resources Trust Fund 2009 Phase 2 Request for Proposals (RFP)

LCCMR ID: 107-D2

Project Title: EnerActNow Energy Managers Help Conserve Energy

Total Project Budget: \$ \$795,000

Proposed Project Time Period for the Funding Requested: July 2009 ~ Jun 2011

Other Non-State Funds: \$ \$0.00

Priority: D2. Residential Energy Conservation

First Name: Newell

Last Name: Weed

Sponsoring Organization: National Initiative for Consumers of Energy (N.I.C.E.)

Address: 55 Holly Lane N
Plymouth MN 55447

Telephone Number: 763-475-1882

Email: Newt@EnerActNow.org

Fax: none

Web Address: WWW.eneractnow.org

Region:	County Name:	City / Township:
Metro	Hennepin	

Summary: EnerActNow is an Energy Manager advising in cost effective, short-payback approaches to energy efficiency for gas, electric, water and renewable energy opportunities.

Main Proposal: 1008-2-053-proposal-MAIN PROPOSAL.doc

Project Budget: 1008-2-053-budget-EAN Project Budget.xls

Qualifications: 1008-2-053-qualifications-Project Manager Qualifications.doc

Map:

Letter of Resolution:

MAIN PROPOSAL

PROJECT TITLE: EnerActNow energy efficiency program for homes.

PROJECT STATEMENT

EnerActNow is providing this service to the community because a comprehensive gas, electric, water, billing analysis and behavior energy efficiency system does not exist.

DESCRIPTION OF PROJECT RESULTS

Result 1: *Energy Waste in 100 Group-homes and Multi-family buildings* **Budget:** \$: 295,000/yr

Deliverable

Completion Date June, 2011

1. Dispatch engineer to examine 100 multifamily and group home sites
2. Provide detailed audit reports with energy efficiency paybacks listed in order to 100 group home facilities.
3. Present each owner with detailed plan for implementation and recommendations
4. Help owner integrate recommendations by sharing knowledge from other successful program participants.
5. Track past and current energy usage data with software for comparisons and energy consumption change warnings.

PROJECT STRATEGY AND TIMELINE

A. Project Partners

EnerActNow will use Mechanical Energy consulting firms approved by the energy utility companies for the main data gathering and input phase.

B. Project Impact

EnerActNow's program will help homeowners reduce their energy consumption while maintaining the same (or better) level of comfort by exploring opportunities to identify energy efficiency in existing behaviors and no-cost/low-cost ways to reduce energy bills.

C. Time

EnerActNow will begin this 100 home project in July 2009 and conclude in June 2011.

D. Long-Term Strategy (if applicable)

If this program achieves the efficiency and cost savings stated herein, we would like to expand this effort, lower our costs through leveraging this 3-year learning period and provide ways to teach this success in our outreach communications.

Main Proposal:

N.I.C.E., National Initiative for Consumers of Energy is a 2007 IRS approved Section 501(c)(3) nonprofit organization.

At EnerActNow our focus is conservation first; we save energy by preventing waste. EnerActNow has been funded exclusively from donations and our dedicated Board of Directors who, over this past year, have shared their contacts to identify opportunities where we can demonstrate the benefits of providing expertise as Energy Managers, coordinating a comprehensive energy-use examination. EnerActNow provides our program participants with energy expertise and multiple resources to explore while representing their interests to qualified consultants to provide energy saving solutions.

EnerActNow provides an energy-efficiency expert who can provide guidance and bring cost saving solutions to owners. We identify the energy consumption issues through audits and inspections, then develop the most cost-effective plan to reduce consumption and identify potential funding sources that will save energy and lower costs. We will inspect the work and apply for eligible rebates plus when applicable apply for Energy Star detailed comparisons of energy usage. Residences don't have a staff person dedicated to pursuing energy efficiency audits and reviews, even though cumulatively, total energy costs can be many thousands of dollars annually.

EnerActNow will specifically work in residential group homes (for social service nonprofits) where the mentally disabled, senior residential assisted living, and elder-care facilities and multi-family condominiums. Through outreach efforts we will leverage our knowledge sharing experience by communicating our success similar types of homes and condominium owners associations through our website and communications. We anticipate being able to serve 100 of these residences per year, based on the three program staff in our budget.

EnerActNow conducts thorough energy engineering custom audits; gathers that data and presents solutions in ranked-order with clearly marked payback periods based on actual energy usage for each residence. The all-inclusive recommendation list is presented in a formal template with recommendations for action and utility company approved repair-contractors. All applicable rebate-programs and/or incentives for making these changes will also be detailed in the report.

We leave our program participant with a plan of action for the immediate situation and for future repairs when necessary. EnerActNow uses Utility Tracking Software that will identify all energy usage data history and trend charts to show exactly where they compare now to industry standards and where they improve energy efficiency into the future.

Energy efficiency is the most cost-effective strategy in achieving greenhouse gas reductions and air pollution reduction. Instead of creating more demand for energy generation we can reduce waste, improve efficiency in our homes and owners can save money!

EnerActNow Project Budget

2009 ~ 2011

EnerActNow is an Energy Manager advising in cost effective, short-payback approaches to energy efficiency for Gas, Electric, Water and Renewable energy opportunities.

IV. TOTAL PROJECT REQUEST BUDGET

3-year request of \$265,000.00 / yr

<u>BUDGET ITEM</u>	<u>AMOUNT</u>	<u>% FTE</u>
Personnel:		
Project Manager 3 - year salary	\$ 252,000	100%
Program Coordinator 3 - year salary	\$ 189,000	100%
Facility Review Engineer 3 - year salary	\$ 210,000	100%
Contracts:	\$ -	
Mechanical Engineering and Energy Audit Consultants	\$ 84,000	
Equipment/Tools: <i>Data Tracking Software Usage License (100 homes)</i>	\$ 60,000	
Acquisition (Including Easements): <i>List # of acres and who will hold title (e.g., DNR, Non-profit)</i>	n/a	
Restoration: <i>List # of acres.</i>	n/a	
Outreach will include posters, news and website	\$ 25,000	
Marketing Website communications		
TOTAL PROJECT BUDGET REQUEST TO LCCMR	\$ 795,000	

V. OTHER FUNDS

<u>SOURCE OF FUNDS</u>	<u>AMOUNT</u>	<u>Status</u>
Remaining \$ From Previous Trust Fund Appropriation (if applicable): <i>How much Trust Fund money remains not spent or legally obligated from any previous Trust Fund appropriation for any directly related project of the proposing project, project manager, or project organization? Specify the appropriation.</i>	None	
Other Non-State \$ Being Leveraged During Project Period: <i>What additional non-state cash \$ will be spent on the project during the funding period? For each individual sum, list out the source of the funds, the amount, and indicate whether the funds are secured or pending approval.</i>	None	
Other State \$ Being Spent During Project Period: <i>What additional state cash \$ (e.g. bonding, other grants) will be spent on the project during the funding period? For each individual sum, list out the source of the funds, the amount, and indicate whether the funds are secured or pending approval.</i>	None	
In-kind Services During Project Period:	None	
Past Spending: Privately raised funds to establish operations, 501 c (3) status and office	\$ 81,000	

Project Manager Qualifications:

Michael T'Kach is the EnerActNow project manager. He will represent EnerActNow in all face-to-face communications and will make the in-home presentations of data. Consultants may be brought along to these owner-briefings as necessary. Michael has 25 years of field communications experience and 10-years technical training. Michael holds a Masters Degree in Nonprofit Management and Administration.