

Energy Efficiency and Conservation Block Grants issued by NCDOC – State Energy Office

**Unofficial Guidance and Overview
December 10, 2009**

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Energy Block Grants – In a nut shell...

- SEO issued two request for proposals (RFP), 12/3/09
- Two RFP
 - 1) Local governments
 - 2) K-12 schools and CC
- Project objective: Simple, fast energy efficiency projects with high energy savings and jobs impact
- Max project award: \$200,000
- Application due dates – Dec. through Jan. 2010
- Strategic Energy Plan – required
- No match requirement but greater “leverage funds,” will be more competitive
- Extra grant reporting and paperwork – ARRA funds

EECBG Funding Available

| Application Closing Dates | Local Governments | K-12 Public Schools and Community Colleges |
|----------------------------------|--------------------------|---|
| December 14, 2009 | \$953,000 | \$839,000 |
| December 31 2009 | \$953,000 | \$839,000 |
| January 15, 2010 | \$953,000 | \$839,000 |
| February 1, 2010 | \$4,291,000 | \$3,776,891 |



Eligible Grant Projects Local Governments

- Lighting retrofits
- Lighting controls
- Steam trap survey, repair, and/or replacement*
- Retro- commissioning HVAC system Energy Management Systems
- Basic weatherization
- Installation of premium efficiency motors and drives
- HVAC analysis, optimization, and repair

* No boiler related projects that would trigger NEPA

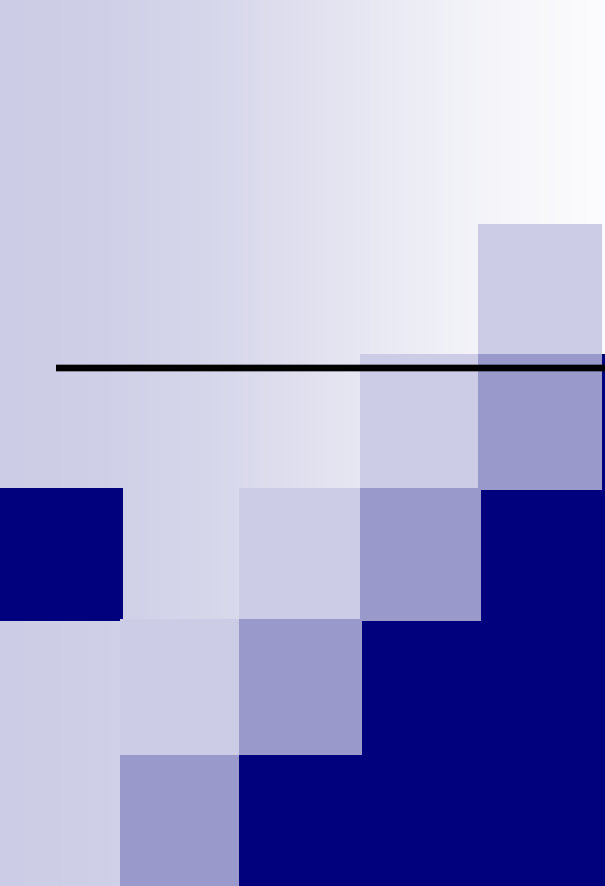


Eligible Grant Projects

K-12 Public Schools and Community Colleges

- Lighting retrofits
- Lighting controls
- Building envelop retrofits, including insulation and window replacement
- Steam trap survey, repair, and/or replacement*
- Retro- commissioning HVAC system Energy Management Systems
- Basic weatherization
- Installation of premium efficiency motors and drives
- HVAC analysis, optimization, and repair

* No boiler related projects that would trigger NEPA



Do you have a
qualifying project(s)?

How to make sure my project is
the most competitive it can be...

Understanding the Scoring Criteria

85 minimum score to qualify for award (125 maximum)

1. Jobs Created and/or Retained; (15 pts)
2. Energy Saved or Renewable Energy Generated; (15 pts)
3. Greenhouse Gas Emissions Reduced; (10 pts)
4. Funds Leveraged; (15 pts)
5. Strategic Energy Plan submitted; (MANDATORY)
6. Project Sustainability beyond ARRA Funding; (15 pts)
7. Aggregated Regional Proposals; (10 pts)
8. Project Timeline; (15 pts)
9. Project Mgmt Capability (inclgd Reporting & Monitoring); (15 pts)
10. Projects in Economically Distressed Counties.
(10 pts Tier 1, 5 pts tier 2)
11. County unemployment greater than state average (5 pts)

Jobs: 2 or fewer FTE (2080 hours/yr) = 10 pts, more than 2 = 15 pts

Energy: 6 MMbtu/\$1,000 awarded = 1 point; 20 MMbtu/\$1,000 awarded = 15 pts



Proposal Requirements

- Organizational background and experience
- Project organization
- Technical approach
 - Project scope – key project data sheet / quotes
 - Contractor selection process (local focus)
- Outsourcing
- Cost proposal summary / budget
- Other required forms & contractual requirements

Project Data Sheet

(Single building and multiple buildings – single measure)

- Contact information
- Project identification
- Built In:
- Last renovated:
- National Historic Register: Y/N
- Building total square footage
- Is building sub metered and reading available?
- Jobs: # of people
- Jobs: # of hours
- Project cost total \$
- SEO grant amount requested,\$
- Leverage, \$ and source(s)
- Estimate savings and/or energy generated: \$ and energy
- Project timeline: start date and completion date

Project Description: short description of proposed project, problems addressed, technologies/equipment to be used



Other RFP Requirements and Considerations

- Monitoring and measuring project results is required. Include pre- and post- system specific M&V costs estimates requested
- Key maintenance staff is trained to maintain systems installed/upgraded



More Grant Requirements of Note

- Public notice: vendor services greater than \$5,000 must be advertised in local newsprint
- Paid invoices must be submitted with SEO payment requests
- ARRA reporting – monthly
- Buy American Provision – steel & mfg goods
- Davis-Bacon Act – Wage rate reporting (applies to trade laborers)
- SEO's concern with National Environmental Policy Act (NEPA) and National Historic Preservation Act

Ask the State Energy Office your questions

- Submit questions to:

- Richard Self,
- NC Department of Commerce, State Energy Office
- Fax: 919 733 253
- E mail: rself@nccommerce.com

- No questions can be received by telephone

- Question submission Dates: Dec 3, 14, 30, and January 15, 2010.

- SEO will post all answers as an addendum under RFP#43A-2010EECBGED1 – schools or RFP#43A-2010EECBGLG1 – local governments



How to Request free Technical Assistance support by SEO?

1. Preliminary Energy Surveys
2. Detailed Energy Surveys
3. Help with SEP Development
4. Help with Grant Application



Energy Surveys

Preliminary Energy Surveys

- Same as USI Surveys

Detailed Energy Surveys

System Specific Examples:

- Lighting count, detailed upgrade, project costs, projected savings
- Building envelope upgrade including insulation, storm panels, basic weatherization
- HVAC re-commissioning

How to Request Technical Assistance via SEO contractors

- Complete SEO Tech Assistance Request
- Available at www.energync.net
- Fax or e-mail to:
 - Richard Self,
 - NC Department of Commerce, State Energy Office
 - Fax: 919 733 2553
 - E mail: rself@nccommerce.com
- Compile your energy utility data if requesting energy survey or SEP development assistance



Questions

Feedback and Discussion



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