



Energy Efficiency Conservation Block Grants Update





EECBG Subgrantees

Rounds 1 and 2

- 134 total grants awarded.
- 103 grants awarded to cities.
- 31 grants awarded to counties.
- Grants awarded to communities in 65 counties.



EECBG Projects

Building Retrofits

- 218 buildings total
- 77 lighting projects
- 41 window projects
- 34 insulation projects





EECBG Projects

Building Retrofits

- 74 HVAC projects
- 19 pumps and motors projects





EECBG Projects

Transportation

- 32 projects
- 1758 traffic signals
- 1437 street lights
- 47 outdoor lights





ECD Energy Division

EECBG Projects Renewable Energy

- 3 solar PV projects
- 150 kW est. installed nameplate capacity

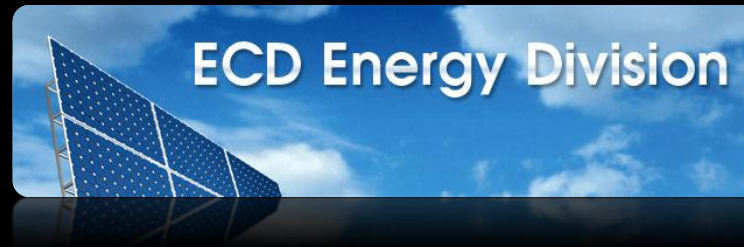




EECBG Benefits

Annual Projected Savings

- Energy Savings: 92 million kWh
- Dollar Savings: \$8 million
- GHG Reduced: 83,678 metric tons CO₂



EECBG Benefits

Job Creation

- Number Jobs Created: 149 est.
- Number Jobs Created: 92 as of 10.6.2011
- Number Hours Worked: over 48,000



EECBG Looking Ahead Round 3

- \$1.1 million
- 10 to 12 grants
- Only communities that have not yet been awarded funding are eligible.
- Application materials and guidance online:
<http://tn.gov/ecd/recovery/eecbg.html>



EECBG Looking Back Sample Success Stories

- East Ridge: most energy cost savings; \$46,000 est. annually
- Shelbyville: most lighting; installed 1,870 energy efficient bulbs; 119 LED traffic signals; 38 LED street signs



EECBG Looking Back Sample Success Stories

- Lakesite: 6 HVACs, 2 tankless water heaters, 3 refrigerators, 1 range, 3 microwaves, 1 dishwasher, 1300 sq. ft. insulation, over 85 lights and fixtures
- Est. annual savings of 177,539 kWh and \$10,000.00



EECBG Case Study City of Sunbright

- \$100,000 award
- \$90,000 toward renewables
- Funded purchase and installation of 2 solar PV arrays



EECBG Case Study City of Sunbright

- Estimated 20,394 kWh generated per year



EECBG Case Study City of Sunbright

- \$4,486.68 per year from sale of electricity generated
- System will completely offset all electric utilities for City Hall, Police Station, and Library





TN Energy Management Workshop In Partnership with EESI

Tentative Dates:

- November 29, 2011 – Jackson
- December 1, 2011 – Knoxville
- December 6, 2011 - Murfreesboro



TN Energy Management Workshop School Workshop Description

- Learn how to track utility usage and costs with Portfolio Manager
- Benchmark utility costs to measure program success
- Develop an energy management system that provides real solutions



TN Energy Management Workshop School Workshop Description

- Learn a step-by-step systems approach for creating both district- and school-based energy management programs
- Understand resources available from TN ECD and the TN Energy Efficient Schools Initiative for improving energy efficiency and conservation in school buildings



TN Energy Management Workshop

Who Should Attend

- Administration/Finance representatives
- Curriculum representatives
- Facilities/Operations representatives
- Classroom teachers (Science, Engineering, and Career/Tech Ed recommended)



TN Energy Management Workshop Registration

- Space is limited to 50 persons per workshop
- Contact: Ramona Nelson at 731.426.0536 or Ramona.Nelson@tn.gov



Shameless Rebate Plug

TN EE Appliance Rebate Program

- See ECD / Energy Division website for details
- Energy Star® appliances are eligible for rebates
- Air source heat pumps: \$250 rebate
- Central air conditioners: \$250 rebate
- Room air conditioners: \$40 rebate
- Gas furnaces: \$150 rebate



Shameless Rebate Plug Electric Vehicle (EV) Project

- \$2,500 rebate for the Nissan Leaf
- Available to Tennessee residents and EV Project Participants only
- Limit of 1,000 rebates



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