

ENERGIZE MISSOURI COMMUNITIES

MISSOURI DEPARTMENT OF NATURAL RESOURCES

Information and Planning Session

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Agenda

- Introduction
- Purpose and Goals of EECBG Program
- Energize Missouri Communities
- Areas of Interest
- Leveraging Opportunities
- Timeline
- Q & A
- Technical Assistance



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The American Recovery and Reinvestment Act (ARRA)

- **Overview:**
 - The ARRA of 2009 was signed into law by President Obama on February 17th, 2009
 - An unprecedented effort to jumpstart our economy, create or save millions of jobs, and address long-neglected challenges
- **Recovery Act Purpose**
 - Preserve and create jobs and promote economic recovery
 - Assist those most impacted by the recession
 - Spur technological advances in science and health via investment
 - Generate long-term economic benefits via investment
 - Stabilize state and local government budgets
- **Principles**
 - As quickly as possible
 - Prudent management
 - Leveraging public and private funding



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Energy Efficiency and Conservation Block Grant (EECBG) Program

- Administered by the U.S. Department of Energy's (DOE) Office of Energy Efficiency and Renewable Energy (EERE)
- Created and authorized by the Energy Independence and Security Act of 2007
- Not previously funded
- Under the American Reinvestment and Recovery Act, \$3.2 billion dollars will be granted to states, territories, local governments and Indian tribes



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Energy Efficiency and Conservation Block Grant (EECBG) Program

- Purpose: To assist eligible entities in implementing energy efficiency and conservation strategies
 - to reduce fossil fuel emissions;
 - to reduce total energy use;
 - to create and/or retain jobs;
 - to spur economic growth; and
 - to improve energy efficiency in the transportation, building, and other appropriate sectors.



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Program Requirements

- Accountability/Transparency requirements
- Prevailing Wages must be paid
- “Buy American”
- Strict reporting and tracking requirements
- Funding Prohibitions: gambling establishments, aquariums, zoos, golf courses or swimming pools
- ARRA funds must be kept separate



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U.S. DOE - EECBG Program

\$3.2
billion



\$31.2 million



\$12.5 million

Missouri:
17 cities
10 counties

Missouri Department of Natural
Resources

Energize Missouri Communities



Counties
Cities
Villages
Towns



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Energize Missouri Communities

- DNR Awarded \$12.5 million on September 14, 2009
- Sixty percent of funding reserved for cities/counties not receiving a direct EECSBG allocation from U.S. DOE
 - Cities with populations < 35,000
 - Counties with populations < 200,000
- Approximately **1,500** jurisdictions will be eligible to apply



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Energize Missouri Communities

- Goals:
 - To stimulate the local economy, create and retain jobs, reduce greenhouse gas (GHG) and fossil fuel emissions, save energy, generate renewable energy and increase the sustainability of communities
- Eligible Activities:
 - Eligible applicants include both entitlement and non-entitlement incorporated units of local government in Missouri
 - DOE uses the most recent and accurate population data from the U.S. Census to determine eligibility
 - Non-entitlement communities within an entitlement county are eligible to apply
 - Applicants from the industrial, residential, and business sectors are not eligible
 - Project activities must be located in Missouri



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Areas of Interest

- Water and Wastewater Facilities
- Landfill Gas to Energy
- Exterior Lighting
- Green Streets
- Special Projects



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Water and Wastewater Facilities

- Purpose:
 - Approximately 3% of U.S. energy usage comes from water and waste water treatment
 - Water and waste water treatment typically represents over 50% of city/county budgets
 - By focusing on this sector, significant energy savings and reduced emissions can be obtained
 - Projects have a typical payback of < 4 years
 - Encourage partnerships
- Potential Activities:
 - Feasibility studies
 - Pump, motor, and other equipment upgrades
 - Infrastructure upgrades that represent a measureable energy savings
 - Leverage of existing programs including SRF loans



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Landfill Gas to Energy

- Purpose:
 - LFG projects can assist with compliance issues
 - Energy resource here in Missouri
 - Significant GHG reduction potential
 - Promising landfill sites in Missouri could supply about 6.9 trillion BTU of energy, equivalent to about 6,838 million cubic feet of natural gas
- Potential Activities:
 - Feasibility Studies
 - Implementation Funds
 - Gas to energy
 - Combined heat and power (CHP)



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Exterior Lighting

- Purpose:
 - Lighting upgrades offer a high-return, low-risk investment for existing buildings
 - Typical payback with incentives is <2 years
- Potential Activities:
 - Playing fields
 - Parking facilities
 - Street lighting
 - Leverage of existing utility programs



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Green Streets

- Purpose:
 - Greater benefits are achievable through comprehensive planning and projects
 - Encourage partnerships
 - Provide benefit to Main Street businesses
 - Recognizable community benefits
- Eligible Activities:
 - Energy audits
 - Energy equipment upgrades
 - Traffic signals
 - Street lighting
 - Leverage of other programs (MoDOT, CDBG, etc.)



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Special Projects

- Purpose:
 - Provide an opportunity for cities and counties to present unique projects not covered by other Areas of Interest
- Eligible Activities:
 - Energy efficiency projects
 - Renewable energy projects
 - Project must meet established cost-effectiveness measures
 - Cost-share required



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Potential Selection Criteria

- Energy savings
- Cost effectiveness
- Job creation/retention
- Reduction of greenhouse gas emissions
- Strength of project management and implementation plans
- Timeliness of implementation
- Attracting additional dollars
- Persistence beyond the funding period
- Promoting energy market transformation



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Leveraging Opportunities

- Leveraging Funds:
 - Attracting additional resources for long-term energy efficiency and conservation activities
- Leveraged funds could include:
 - A commitment of private funds
 - Existing utility programs
 - Existing state programs
 - ARRA funded programs from other state agencies



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Grantee Reporting Requirements

- Monthly, Quarterly and Final
 - Jobs created and/or retained
 - Energy savings per dollar invested
 - Renewable energy capacity installed
 - Greenhouse gas emissions reduced
 - Funds leveraged
- Reporting and monitoring will be mandatory until end of grant agreement



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Recommendations

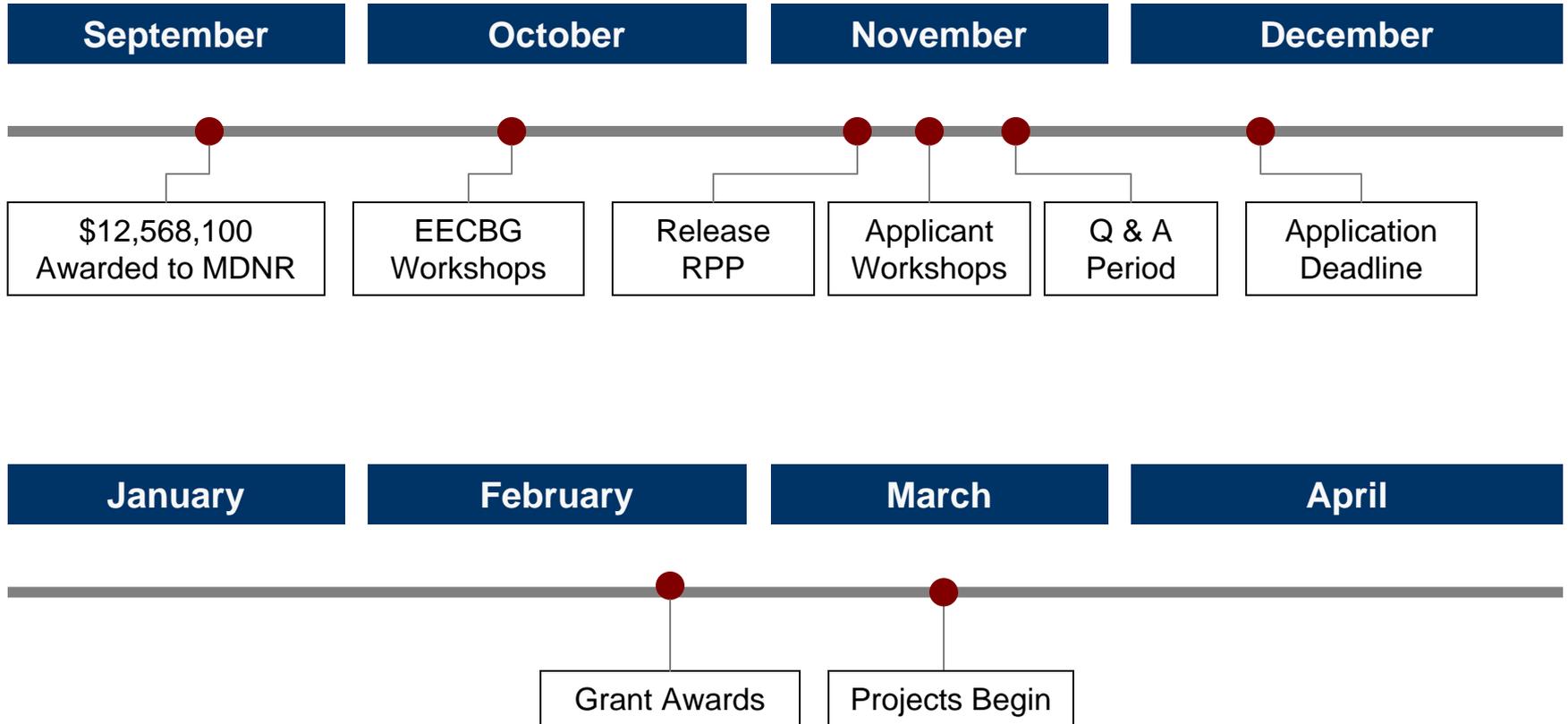
- Draft your proposal promptly
- Identify benefits of proposed projects
- Identify any collaboration interest from eligible jurisdictions in your area
- Identify leveraged funding sources that best meet local objectives
- Prepare list of questions to be submitted
- Attend applicant workshops in mid-November



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Timeline



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Next Steps

- Application forms will be posted on program website
- Opportunity for submitting questions and receiving online responses
- Application workshops



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Questions and Answers



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Technical Assistance



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