

# NC Department of Commerce

## Energy ARRA Update

**December 15, 2009**

Select Committees on Economic Recovery

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**Assistant Secretary for Energy**  
**NC Department of Commerce**

**NORTH CAROLINA**  
**THE STATE OF MINDS**

# Federal ARRA Money for Energy

Managed within the Energy Division

1. Weatherization	\$130 million
2. State Energy Program	\$76 million
3. Energy Efficiency and Conservation Block Grant	\$21 million
4. Appliance Rebate	\$8 million
5. Energy Assurance	<u>\$1 million</u>
	\$236 million

# Other Energy Related ARRA

- Energy Efficiency and Conservation Block Grant - \$37 million to larger Cities and Counties
- Energy Assurance - \$1 million to NC Utilities Commission
- Green Workforce Development – various amounts to Workforce Development
- Smart Grid – various amounts to Duke Energy and Progress Energy
- Solar Installer training – NCSU Solar Center
- Energy Storage - \$50 million to Cellgard

# Energy Division ARRA Overview

- 5 Funding Areas - 3 of them completely new
- 19 Programs - \$236 million
  - 17 programs new
- 8 active - \$87 million
- 8 RFP's in various stages of development
- 3 on hold pending resolution of amended state energy programs (SEP) plan

# 1. Weatherization \$130 Million

- 50% of the money to Community Action Agencies contracted November 15 (28 agencies & \$63 million)
- Agencies have been operating at accelerated pace since June using 2009/2010 regular annual weatherization funds.
- Regular funds are nearing depletion and the agencies are now turning to ARRA funds
- Training pilots at community colleges completed, classes scheduled for January.

## 2. State Energy Program \$76 million

- 13 Programs – 12 of them new
- 5 programs – RFP's posted and in various stages of review application and making awards - \$10.7 million
- 7 programs - RFP's in various stage of development
- 3 programs - On hold pending resolution of amended plan

# SEP Active Programs

1. NC Green Business Fund
  - \$1.2 Million awarded on 2009 solicitation
  - \$8 million solicitation out shortly
2. Technical Assistance - \$1.95 million
  - 37 engineering firms awarded
  - 200+ requests for assistance in less than 3 weeks

# SEP Active Programs

3. Main Streets - \$2.5 million
  - 21 applications in 1<sup>st</sup> round
  - 2<sup>nd</sup> round in 2010 for those needing more time
4. Commercial Renewable Energy - \$3 million
  - 25% of project cost up to \$100,000
  - External reviewers are at work on 90 proposals
5. Non-Profit Energy Management - \$2 million
  - Applications to administer program received
  - Internal review for minimum requirements



# SEP Programs in Development

1. Workforce Development - \$6.85 million
2. Building Code Training - \$1 million
3. Residential Renewable Energy - \$3.5 million
4. Residential Eff. Existing Homes - \$3.5 million
5. Residential Eff. New Homes - \$3 million

# SEP Programs On Hold

1. Government Buildings Eff. - \$8 million
2. Alternative Fuels - \$3.5 million
3. Energy Loan Fund - \$18 million

# SEP Amended Plan

- Summer 2009 DOE approved NC's SEP plan
- At the end of the 2009 session the Legislature earmarked \$21.3 million of the SEP
  - \$12 million for Repair and Renovation Fund
  - \$4 million for Biofuels Center
  - \$300,000 for UNC wind study
- The State Energy Office submitted the amended plan (Plan "B").

# SEP Amended Plan

- In late November DOE did not approve the changes.
  - \$12 M. R&R – Supplanting is prohibited in the Recovery Act of 2009
  - \$ 4 M. Biofuels – Portions of their plan did not comply with SEP regulations
  - \$300,000 UNC wind – Outside the scope of the SEP; as written it was interpreted as research.

# SEP Amended Plan

- Plan “C”
  - Use the \$8 M. in Government Buildings to go down the R&R priority list and do those projects which meet SEP guidelines
  - Ask biofuels center if they would like resubmit those portions of their plan which comply with SEP guidelines
  - Ask UNC if they would like to resubmit their plan as a “feasibility” study for Duke Energy’s 3 turbines in Pamlico Sound.

### 3. Energy Efficiency and Conservation Block Grant - \$21 million

- 2 Program RFP's posted - \$13.4 million
- 2 Programs still in development

# EECBG Active Programs

- Local Government Efficiency \$7.2 million
- K-12 and Community College Eff. - \$6.2 million
- 90 counties and 526 municipalities are eligible

# EECBG Entitlement Cities and Counties

Asheville	\$804,700	Raleigh	\$3,820,400
Burlington	\$223,900	Rocky Mount	\$ 572,100
Cary	\$1,166,800	Wilmington	\$1,039,900
Chapel Hill	\$554,900	Wilson	\$ 214,900
Charlotte	\$6,780,100	Winston-Salem	\$2,262,000
Concord	\$638,800	<i>Buncombe</i>	<i>\$624,800</i>
Durham	\$2,173,600	<i>Cumberland</i>	<i>\$590,700</i>
Fayetteville	\$1,652,900	<i>Davidson</i>	<i>\$631,100</i>
Gastonia	\$705,700	<i>Gaston</i>	<i>\$525,600</i>
Goldsboro	\$183,600	<i>Iredell</i>	<i>\$645,100</i>
Greensboro	\$2,554,900	<i>Johnston</i>	<i>\$636,200</i>
Greenville	\$777,600	<i>Mecklenburg</i>	<i>\$649,500</i>
Hickory	\$209,300	<i>Randolph</i>	<i>\$578,200</i>
High Point	\$998,600	<i>Union</i>	<i>\$751,800</i>
Huntersville	\$175,100	<i>Wake</i>	<i>\$3,030,300</i>
Jacksonville	\$781,600	<i>Cherokee Indians</i>	<i>\$ 253,100</i>
Kannapolis	\$170,300	<b>State Energy Office</b>	<b>\$20,925,300</b>



# EECBG Programs in Development

- Transportation - \$2.5 million
- Greenhouse Gas/Landfill Methane \$2.5 million
- Need to avoid National Environmental Policy Act (NEPA)

## 4. Appliance Rebate - \$8 million

- Energy Star Appliances (e.g. Refrigerator, Freezer, Dishwasher, Washing Machine)
- 15% rebate
- April 22 – 25 (Earth Day)
- Working with NC retailers to advertise the rebate and offer point of purchase rebate.

## 5. Energy Assurance - \$1 million

- Funding to bolster NC's capability to deal with energy supply disruptions
- Build capability around cyber-security for Smart Grid
- Works in conjunction with similar grant to NC Utilities Commission.

# Oversight and Monitoring

- OERI review of plans, RFP's and awards
- OERI capacity assessment of the Community Action Agencies
- DOE review and approval of all plans
- DOE site visits
  - Office of Weatherization & Intergovernmental Programs
  - SEP program office
  - EECBG Program Office
- DOE Inspector General's Audit of Weatherization
- NC State Auditor

# Staffing

- Current Staff – 21
- Open Permanent Positions – 6
- ARRA Time-Limited Positions - 30