American Recovery and Reinvestment Act Energy Programs In Virginia

The New Energy Future

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ARRA Energy Actions In Virginia

- Consistent with state policy
  - Virginia Energy Plan
    - Efficiency and clean energy production
    - Energy education
    - Climate change actions
    - Energy economic development
  - Governor's Commission on Climate change
    - Actions to reduce GHG emissions
  - Address unfunded legislative initiatives
    - Tax credits & clean energy manufacturing incentive

State Energy Program (SEP)

- Formula grants to Virginia
  - $70 million from State Energy Program
  - Supplemented by $6.5 million from EECBG
- Promote the conservation of energy / reduce the rate of growth of energy demand through a comprehensive state energy conservation plan
- Priority to projects that expand existing energy efficiency programs & support renewable energy project / deployment activities

SEP Project Areas

- $15 million rebates for energy efficiency improvements to residential and commercial facilities
- $38 million rebates or grants for solar thermal, photovoltaic and small-scale wind (includes state and local government facilities)
- $10 million grants for incentives to develop energy from biomass and waste
- $5 million to attract clean energy businesses
- $5 million for commercialization of energy products
- Two circuit riders to work with localities on energy project development – target performance contracting

Energy Efficiency and Conservation Block Grants (EECBG)

- Formula grants to Virginia
  - $44.6 million direct to 28 localities
  - $9.7 million – competitive to smaller localities
    - Planning District Commissions manage applications
    - DMME makes awards
- EECBG Purposes
  - Reduce fossil fuel emissions
  - Decrease total energy consumption
  - Improve energy efficiency in the transportation, building, and other energy consuming sectors
  - Spur economic growth
  - Create or retain jobs

Energy Star Appliance Rebates

- $7.45 million allocated to Virginia
  - DMME application to DOE due Oct. 15
  - DOE approval expected end of 2009
- Supplement utility efficiency programs
  - Leverages federal dollars
  - Reduces admin costs
  - Builds infrastructure for enduring program
  - Need to ensure statewide availability

Energy efficiency loan program

- $40 million announced Sept. 25
  - Energy Leasing Program, loans to finance energy efficiency projects in state agencies (Had been dormant since 2008.)
    - First loan $6.6 million to George Mason University for upgrades at Fairfax and Prince William campuses
      - lighting, irrigation, metering and heating and cooling

Public-Private Partnership

- $25 million announced Sept. 18
  - Green energy projects for state agencies and universities through the Public-Private Educational Facilities Infrastructure Act (PPEA).
  - Projects at VT, VCU, DGS, Game and Inland Fisheries, Virginia Correctional Center for Women, Wallens Ridge State Prison, others

Qualified School Construction Bonds

- $71.6 million announced September 10
  - Projects in seven Virginia localities on Literary Fund waiting list
  - $382 million authorized for Virginia through 2010. No-interest bonds financed by ARRA

Huge potential

- $350 million SEP ($70m @ 4-1 leveraging)
- $65 million EECBG (assume no leverage)
- $94 million weatherization (assume no leverage)
- $15 million ES ($7.5m @ 2-1 leveraging)
- $40 million Energy Leasing (not ARRA)
- $12 million PPEA (count only leverage)
- $382 million QSCB (assume no leverage)
- $958 million total (10,413 jobs @ 92,000 each)

Information Sources

State

- http://www.stimulus.virginia.gov/
- http://dmme.virginia.gov

Federal

- http://www.recovery.gov/
- http://www.doe.gov/recovery/

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