

Advanced Clean Coal Power Plant Initiative

New York State



Advanced Clean Coal Power
Plant Initiative

Executive Budget 2006

- Reducing New York's Dependence on Petroleum
 - By encouraging the development of more efficient motor vehicles
 - Giving consumers the option to choose renewable fuels
 - Providing tax benefits to businesses in the clean energy sector
 - Spurring the development of advanced bio-refineries and power plants which will utilize domestic fuels to produce transportation fuels and electricity

Executive Budget 2006

Advanced Clean Coal Power Plant Initiative

- Establishes “Shovel Ready Team” (SRT)
 - GORR, NYPA, NYSERDA, DEC
 - SRT to
 - Identify shovel ready sites for ACCPP to be built by private developers
 - Work with communities and industry to conduct feasibility studies and initial environmental reviews

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- Carbon Capture and Sequestration
 - Successful site must be willing to host research, development, and deployment (RD&D) for carbon sequestration as coordinated and facilitated by NYSERDA

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- Incentives
 - \$50M of NYPA funds
 - \$1B of federal tax exempt volume cap allocation
 - Purchase agreement to sell power to NYPA
 - Empire Zone designation
 - Permitting assistance from GORR
 - Preference given to sites that are
 - Brownfields, possibly eligible for BCP tax credits
 - Former or existing power plants

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- Transparency
 - ACCPP initiative competitive process will be coordinated with stakeholder groups and conducted pursuant to OML and FOIL

Advanced Clean Coal Power Plant Initiative

- Goal

- To identify one or more “shovel ready” sites within 18 months for the development of an ACCPP by private developers
- Offer a solicitation for private developers to propose a ACCPP in New York State

Steps to the Goal

- Organize NYS agencies into Shovel Ready Team
 - Environmental review, feasibility studies
 - Development of site selection criteria
 - Screening of potential sites
 - Develop roadmap for permitting an ACCPP
- Organize Stakeholders Group
 - Input and advice to the Shovel Ready Team

Site Selection Criteria Development

- Site features: size, shape, topography
- Proximity issues: rail, ports, transmission lines
- Constraints: wetlands, historic features
- Sequestration RD&D constraints
- Opportunities for co-products
- Brownfields
- Former or existing power plants

Steps to the Goal

- Input from stakeholders is crucial to the development of the site selection criteria

Steps to the Goal

- Roadmap for Permitting
 - Shovel Ready Team will develop comprehensive roadmap for permitting an ACCPP in New York State

Steps to the Goal

- Screening of New York State
 - Evaluate State in contrast to the site selection criteria
 - Expected to identify areas for potential development, as well as specific locations
- Outreach to localities
 - Will be asked to become stakeholders
- Findings will be summarized in report

Solicitation - Contents

- Report of Site Screening Process
- Roadmap for Permitting an ACCPP
- Proposed power purchase agreement
- Description of the incentives

Response to Solicitation- Contents

- Proposal to build a ACCPP
- Demonstrations of how proposed site best matches site selection criteria
- Business proposal
- Demonstration of local government support
- Plan for carbon capture and sequestration

Schedule

- Organize Stakeholders Group- Today
- Draft report of screening efforts-9/06
- Availability of solicitation- 12/06
- Submission of responses/proposals- 4/07
- Award contract- 6/07

Incentives

- \$50M of NYPA funds
- \$1B of federal tax exempt volume cap allocation
- Purchase agreement to sell power to NYPA
- Empire Zone designation
 - http://www.empire.state.ny.us/Tax_and_Financial_Incentives/Empire_Zones/default.asp
- Permitting assistance from GORR
- Preference given to sites that are
 - Brownfields, possibly eligible for BCP tax credits
 - http://www.empire.state.ny.us/Brownfield_Redevelopment/Default.asp
 - Former or existing power plants

Stakeholders Group

- To provide input and advice
- Advisory
- Monthly meetings

Advanced Clean Coal Power Plant Initiative

- Contact Information
 - David Bradley
 - dbradley@gorr.state.ny.us
 - 518 486 3292
- www.gorr.state.ny.us