Advanced Clean Coal Power
Plant Initiative

New York State
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
Executive Budget 2006
Advanced Clean Coal Power Plant Initiative

• 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
Executive Budget 2006
Advanced Clean Coal Power Plant Initiative

• 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
Executive Budget 2006
Advanced Clean Coal Power Plant Initiative

• 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