



New York State Energy Planning Board

2009 New York State Energy Plan Work Scope

Presented by:

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Executive Director, Energy Planning Board
Chair, Interagency Energy Coordinating Working Group

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Scoping Process

- Scoping session commenced May 30 with the issuance of a *Draft Work Scope*.
- Public comments received through July 18; 68 sets of written comments received.
- ECWG met personally with 71 stakeholders in Albany, Buffalo, New York City, and Long Island.
- ECWG welcomes continued stakeholder input on Plan development by mail or electronic submission to the Planning Website – www.nysenergyplan.com
- Revisions to the *Draft Work Scope* based on stakeholder feedback and deliberations of the ECWG.



Parties Submitting Written Comments

- A Page & Associates LLC
- Adirondack Council
- Adirondack Energy Smart Park Coalition
- Air Products and Chemicals, Inc.
- Alliance for Clean Energy NY, Inc.
- American Wind Power & Hydrogen LLC II
- American Wind Power & Hydrogen LLC
- Audubon, New York
- Bay Area Economics
- Business Council of NYS
- Capital District Transportation Authority (CDTA)
- Capital Region Energy Forum
- Central Hudson Gas & Electric Corporation
- Citizens Campaign for the Environment
- Communities Against Regional Interconnect
- Consolidated Edison Company of NY and Orange & Rockland Utilities
- ConsumerPowerline, Inc.
- CPV Valley LLC
- Dave Bencic
- Dormitory Authority of NYS
- Energy Council for Citizens Power Alliance
- Elizabeth Thorndike, Ph.D.
- Empire Advocates
- Energy Association of NYS
- EnerNOC, Inc.
- Environmental Advocates of NY
- Network for New Energy Choices
- Fuel Cell Energy
- Healthy Planet, Inc.
- Horizon Wind Energy LLC
- Independent Power Producers of New York
- Innovative Energy Systems, Inc.
- John Droz, Jr.
- Liberty Power Holdings LLC
- Multiple Interveners
- National Energy Marketers Association
- National Grid, Tom King
- National Grid, William Flynn
- National Hydrogen Association
- National Wind Watch, Inc.
- Neighborhood Network
- Network for New Energy Choices
- New York Association of Public Power
- New York Aviation Management Association
- New York City Economic Development Corporation
- New York Energy Consumers Council, Inc.
- New York Energy Marketers Coalition
- New York Interfaith Power and Light
- New York Lawyers for the Public Interest
- New York State Apollo Alliance
- New York State Electric & Gas and Rochester Gas & Electric
- New York State Office of Temporary and Disability Assistance
- New York State Reliability Council
- Northeast Gas Association
- Onondaga County Resource Recovery Agency
- Oppenheim & MacGregor
- Pace Law School Energy and Climate Center
- Power for Economic Prosperity
- Riverkeeper Inc.
- Sierra Club
- Small Customer Marketer Coalition
- Solar Alliance and New York Solar Industry Association
- Solar Alliance
- Stamford Village Planning Board
- SUNY College of Technology
- The West Firm
- TransCanada Corporation
- Workforce Development Institute



ECWG Stakeholder Meetings List

- Adirondack Council
- Adirondack Energy Smart Park Coalition
- Alliance for Clean Energy NY
- American Lung Association
- Apollo Alliance
- Association for a Better Long Island
- Association for Energy Affordability
- Association of Towns of NYS
- Babylon, Town of
- Buffalo Niagara Partnership
- Business Council of NYS
- Citizen's Campaign for the Environment
- Clean Energy for Jamestown
- Community Energy Services, Inc.
- Consolidated Edison Company of New York
- Empire State Petroleum Association
- Energy Association of NYS
- Environmental Advocates of New York
- Hauppauge Industrial Association
- Healthy Planet
- IBEW Local 236
- Independent Power Producers of New York
- Innovative Energy Systems
- Jamestown Board of Public Utilities
- Long Island MidSuffolk Business Action
- Long Island Oil Heat Institute
- Multiple Interveners
- National Grid
- Nature Conservancy
- Neighborhood Network
- Network for New Energy Choices
- New York Association of Public Power
- New York Aviation Management Association
- New York Bicycling Coalition
- New York City EDC
- New York Energy Consumers Council
- New York Farm Bureau
- New York ISO
- New York Lawyers for Public Interest
- New York League of Conservation Voters
- New York Motor Truck Association
- New York Propane Gas Association
- New York Public Transit Association
- NYS Association of Counties
- NYS Association of Service Stations & Repair Shops
- NYS Association of Town Highway Superintendents
- NYS Conference of Mayors
- NYS Reliability Council
- NYS Rural Electric Association
- New York Thruway Authority
- Niagara Frontier Transportation Authority
- Northeast Gas Association
- Oneida-Madison Electric Cooperative
- Pace Energy
- Port Authority of NY & NJ
- Preservation League of NYS
- Regional Plan Association
- Renewable Energy of Long Island
- Retail Energy Supply Association
- Riverkeeper
- Rockville Center, Village of
- Scenic Hudson
- Shell Gas & Power
- Sierra Club
- Small Customer Marketer Coalition
- Suffolk County
- SUNY – Stony Brook Advanced Energy Research & Technology Center
- Taylor Biomass Energy
- UPROSE
- Vote Solar Initiative
- Workforce Development Institute



Structure of Scope

- **Executive Order Deliverables.**
- **Assessments:** Generally quantitative in nature, will include market intelligence, data, modeling results, forecasts and projections.
- **Issue Briefs:** Address cross-cutting issues that affect development, distribution and use of energy; review current and planned policies; will synthesize the issues analyses in assessments and provide basis for policy recommendations.
- Assessments and issue briefs will be completed by teams led by one of the ECWG members (agencies), and consisting of relevant staff from the planning agencies. Work will be coordinated through the ECWG.



Assessments

1. **Energy Efficiency:** Potential by sector using latest data on price, state of technology, and programmatic issues.
2. **Renewable Energy:** Potential for electric generation, thermal, and transportation.
3. **Electricity Resource:** Will look at current electricity infrastructure; electricity load and price forecasts and model various potential future scenarios.
4. **Natural Gas:** Assessment of current and forecasted gas demand and prices, and address future supply options.
5. **Petroleum:** Overview of industry and description of markets; demand and price forecasts.
6. **Coal:** Demand and price forecast; overview of domestic and New York market; emerging trends in coal use in generation.
7. **End User Energy Prices:** Assessment of price effects on end users; consumer descriptions that highlight regional differences.



Issue Briefs

1. Energy Infrastructure Needs
2. Siting New Energy Infrastructure
3. Energy Costs and Economic Development
4. Health Impacts of Energy Use
5. Environmental Justice
6. Meeting Transportation Needs and Alternative Transportation Options
7. Climate Change
8. Environmental Impact and Regulation of Energy Systems
9. Regional Collaboration



Recurring Themes From Stakeholders

- Affordability
 - The new End User Energy Price Assessment will explore how energy costs affect end users.
- NYS Independent System Operator
 - The Energy Infrastructure Needs Issue Brief will include discussion of NYISO market issues and how the competitive market affects infrastructure development.



Recurring Themes From Stakeholders

- Workforce Development/Preparedness
 - A transition to a more sustainable energy future demands a qualified and capable workforce. The Energy Costs and Economic Development Issue Brief has been revised to address this issue.
- Fuel Diversity and Reliability
 - Will be addressed throughout many of the assessments and issue briefs.



Recurring Themes From Stakeholders

- Distributed Generation
 - Will be considered as part of the Renewable Energy Assessment.
- Intra-State Regional Differences and Coordination with Other Planning Efforts
 - Regions of the State in many cases have different and sometimes unique energy challenges. These differences will be addressed throughout many assessments and issue briefs. ECWG will closely monitor and coordinate to the maximum extent possible with other energy planning efforts.



Recurring Themes From Stakeholders

- Need to Address Climate Change
 - The climate change issues brief will identify and propose strategies for transitioning to a low carbon energy system. Modeling will be conducted to assess how the advent of a federal greenhouse gas control program will impact the State's energy systems.
- Alternative Transportation and Energy Infrastructure
 - Transportation Issue Brief will consider how the increased electrification of the transportation fleet could impact the electric supply needs.



Recurring Themes From Stakeholders

- Public Education/Information Campaign
 - Revisit current and prospective models for increasing effectiveness of education and information campaigns to reduce energy use. End user energy price assessment will illustrate “best practices” examples.
- Ambitious Scope and Timeline
 - It has been widely noted that the scope and timeline of this energy planning effort may be overly ambitious.



Moving Forward

- Next Planning Board Meeting on December 11, 2008
- Draft Energy Plan due on March 31, 2009
- Six public hearings on Draft Plan
- 60-Day comment period
- Final Plan due on June 30, 2009



NEW YORK STATE



Observations Discussion and Questions

New York State Energy Planning Board