

# New England Power Pool 2005 Annual Report

**December 2, 2005** 



December 2, 2005

2005 marks the first full calendar cycle for NEPOOL as a stakeholder advisory body under the New England RTO arrangements. As part of the RTO realignment, the NEPOOL participants have voluntarily relinquished a certain measure of prerogative and authority in reliance upon the expectation, embodied in our governing documents, that their interests and ideas concerning the proper structure and function of the markets would be meaningfully addressed in the implementation of policy. Ideally, we sought an organizational vehicle for conducting the public's business in a manner that maximized decision-making on the merits, without succumbing to the Ivory Tower fallacy that those determining the "public interest" should not dirty their hands with the interests of the public. Whether, or to what degree, these expectations have been met under the current stakeholder arrangements, is a question we each must answer for ourselves.

In my own view, we have done tolerably well in the face of some pretty daunting logistical and substantive challenges, at maintaining and enhancing a meaningful role for Participants in the development of the market. As I come to the end of my term as Chair, however, I am less concerned with debating our success than with re-examining our aspirations. For if we continue to believe that the goal we sought was the correct one, then any difficulties we may have experienced should only inspire us to further refinements in our process; a prospect I, for one, do not foreclose. If on the other hand, our experience has led us to conclude that we have erred in our objectives, then further commitment to NEPOOL or its reform would seem both unprofitable and ill-advised.

For my part, I originally sought the office of Chair because I believed the continuation and strengthening of the stakeholder process was essential to the proper functioning of these markets. After two years, I leave with the same conviction. That conviction has its roots in my own admittedly idiosyncratic view of the moral implications of economic decision-making; heretical views I usually have the good sense not to air publicly among the devotees of Adam Smith. But on this occasion, I ask your indulgence to explain.

My objective as Chair has been to keep NEPOOL engaged and relevant in the discussions and decisions around market policy, because I believe such involvement is in the public interest. During my term I have striven, with the help of the other officers, to make our process more inclusive. For those of you who know me, you realize this is a polite way of saying that I have tried to co-opt everyone in sight into compulsory, constructive dialogue. We have faced institutional, legal, historic and practical barriers in striving toward this objective, yet the response of the regulatory community at both the State and Federal level has been positive and our ISO has proven a worthy partner in these efforts.

I believe the continuation of this effort is the only responsible course for all of us. Further, I believe the RTO reforms have removed most legitimate objections formerly offered to engagement in our processes. To take only one example, the RTO Reforms have eliminated the former procedural impediments to timely resolution of issues. The ISO's practice of good faith consultation with Participants, even in situations of emergency, has demonstrated that our processes can be used efficiently and with benefit even under extreme time pressures. For the conduct of

business in less time sensitive situations, the timelines we have adopted and the checks and balances within the structure have, in my view, proven both sufficiently flexible and robust to promote meaningful dialogue. In the normal course of business, this is what we should expect. While we all can acknowledge the occasional crisis that cuts off debate, a state of perpetual emergency evinces either a lack of common foresight or the neglect of its admonitions. In this, and many other ways, I believe the RTO reforms have made most excuses for avoiding our consultative processes bad ones.

My belief in the worth of our process has less to do with exalted conceptions about "the marketplace of ideas" than with my own innate confidence that compulsory discussion brings out the merits of <a href="people">people</a> and allows ideas to acquire those merits by proxy. I am convinced that if you force a lot of people to discuss something face to face, and maybe even get to know one another, empathy and decency begin to loom larger in the calculus, for we are wired that way. Purely Machiavellian tendencies, while real, are a recessive trait brought about by inbreeding among the like-minded, in splendid isolation from the consequences their ideas may inflict upon others. The infamous traders in the California energy crisis who joked about the plight of Grandma Millie were, I am sure, never inconvenienced in their professional lives by having to explain personally to Millie the redeeming virtues of forcing her to choose between prescription drugs and the light bill. Likewise, consumers who assume it ought to be possible to guarantee "delivery yesterday, at half price, in any amount desired", would often rather not discuss the details of attracting capital, making a payroll, maintaining equipment, and providing a service.

I am persuaded that wisdom is a form of temperament, not a collection of information. It is rare in individuals because, at a minimum, it requires the discipline to suspect any resolution perfectly commensurate with one's personal self interest is just a bit too convenient. I believe that the NEPOOL process demands a bit of that discipline from all involved and that it is the right kind of forum and the right sort of organization to assure that we are, on occasion, collectively better than our ideas and more noble than our ideals.

For the most part, I think we have done well in organizing ourselves as we have, and that we may yet do better by continuing to insist upon the discipline of compulsory discussion. If we persist, I'm assured we will be compensated for our efforts and inconvenience by the continuing improvement of the markets and the enjoyment along the way of what is, after all, some pretty good company.

Very truly yours,

Donald Lipe

Donald J. Sipe

# A Year of Change and Accomplishment



- Changing Role of the New England Power Pool (NEPOOL)
- Changing Role of ISO New England Inc. (ISO-NE)
- Active Stakeholder Process
- Key Legal Proceedings



# Historic Role of NEPOOL



- Established in 1971 as a voluntary association of market participants
- Benefits:
  - Regional economic dispatch
  - Coordinated reliability
  - Lowered installed reserve requirements
- Established and filed in 1996 transmission and market rules
- Formed ISO-NE in 1997 to administer and oversee transmission system and markets
- Refined since 1997 with assistance from ISO-NE transmission and market rules



# Current Role of NEPOOL



- Provide cooperative stakeholder process and separate stakeholder-run organization with the following objectives:
  - Create and sustain open, non-discriminatory and competitive wholesale electricity marketplace
  - Provide market rules which allow voluntary participation at fair compensation, subject to regulation
  - Provide access to competitive markets within New England and to neighboring regions
  - Provide for an equitable allocation of costs, benefits and responsibilities among market participants
  - Allow informed participation and encourage ongoing market improvements
  - Assure bulk power supply system conforms to proper reliability standards

### **NEPOOL** Goals

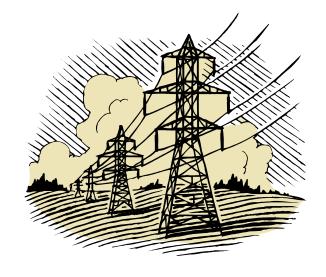


- Ensure Participants opportunities for meaningful input into regional decision making
- Provide forums designed to maximize consensus among all stakeholders
- Communicate and advocate for NEPOOL-supported issues
- Clearly articulate, define and limit unresolved issues
- Monitor and enforce Participants' rights under RTO arrangements

## NEPOOL's Broad Membership



- NEPOOL has more than 270 members:
  - Generating Companies (56)
  - Transmission and Distribution Companies (23)

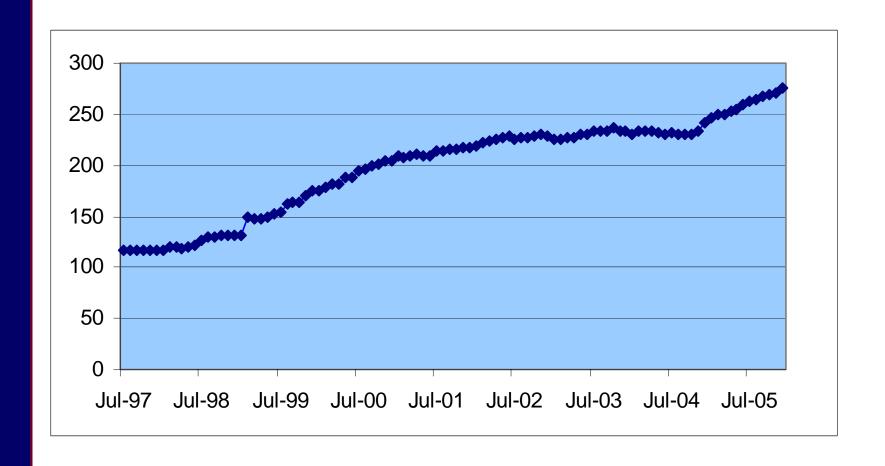




- Publicly Owned Entities (46)
- Suppliers and Marketers (96)
- Demand Response Providers (6)
- End Users (46)

## NEPOOL's Membership Growth

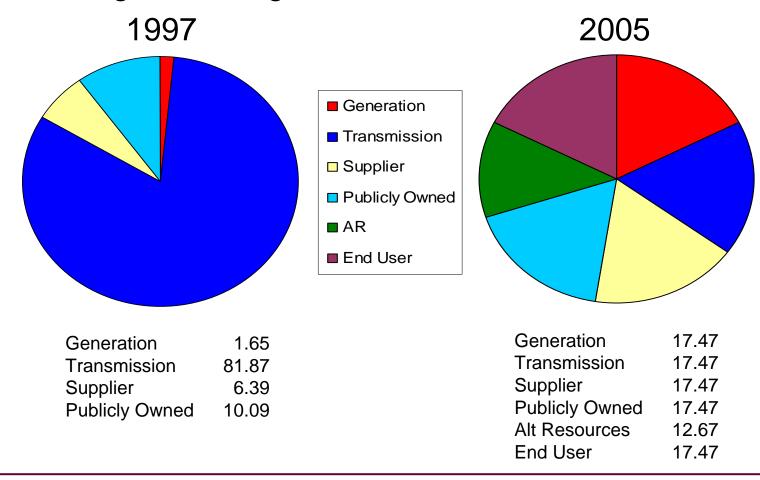




## **NEPOOL** Voting



### Voting Percentages



### **ISO-NE**



#### • 1997 (Then)

- Began as a service provider
- Dispatched system to ensure short-term reliability



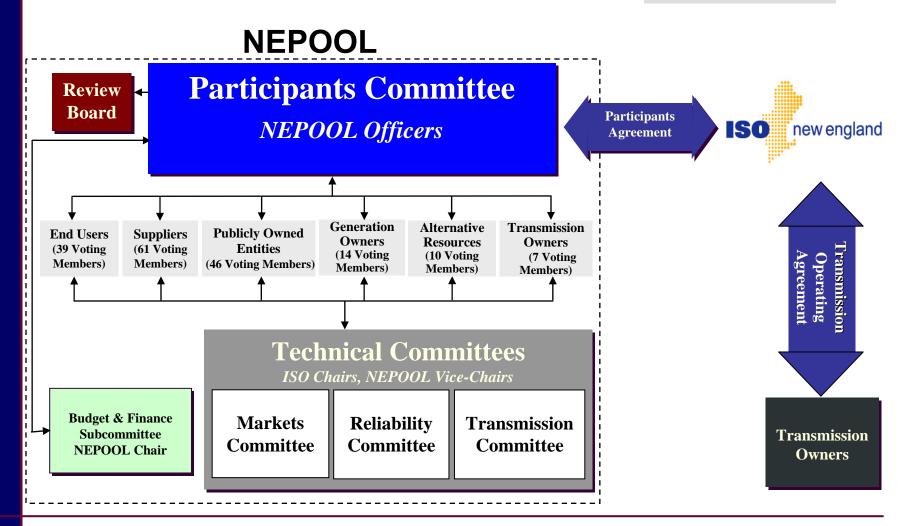
- Assisted in development of and administered NEPOOL Tariff and market rules
- Coordinated and consolidated participants long-term plans

#### • 2005 (Now)

- Transformed into a Regional Transmission Organization (RTO)
- Dispatches system to ensure short-term reliability
- Develops and files changes to its Tariff, including the ISO-NE Market Rules (subject to the provisions of the Participants Agreement)
- Develops and publishes regional system plan

### NEPOOL Stakeholder Process









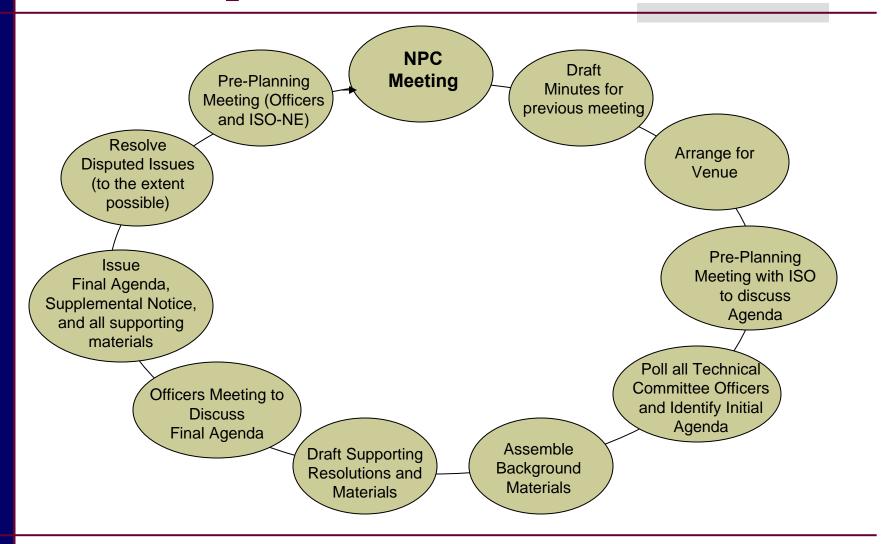
 NEPOOL Principal Committees have been extremely active in 2005

Committee	Meeting Days	Votes
Participants Committee	e 13	71
Markets Committee	52	81
Transmission Committe	ee 21	20
Reliability Committee	25	88

<sup>\*</sup> as of 12/2/2005

# NPC Meeting Preparations







#### **Markets Committee**

- Considered and voted Ancillary Services Market ("ASM")
   Phase I and II
  - Including over six months of meetings in 2005 on Phase II, which adds a locational component to the Forward Reserve Market
- Considered and voted Winter Action Plan for 2005/2006
  - Reviewed and approved market rule changes designed to enhance system reliability in light of anticipated fuel shortages
- Approved Demand Response Reserves Pilot Program
- Approved Minimum Generation Emergency Charges and Credits
- Reinstituted Information Policy Working Group
- Joint meeting with NYISO on Intra-Hour Transaction Scheduling between NYISO and ISO-NE
- Other efforts, including market monitoring issues, RMR issues, Seams issues



### **Reliability Committee**

- Considered and voted cost allocation for over \$600 million of new transmission in New England, including major Reliability Upgrades for SWCT, NEMA Boston and Northwest Vermont
- Considered and voted on system impact of dozens of Proposed Plans to modify or build new transmission and generation facilities in New England
- Considered and voted numerous changes to Operating Procedures and Planning Procedures, including addition of a new OP 21 (winter emergency)
- Considered and voted coordination agreements between ISO-NE and system operators for New York, New Brunswick and Quebec
- Initiated review of Tariff provisions (including I.3.9/I.3.10) and Planning Procedures for Proposed Plans



#### **Transmission Committee**

- Considered and voted all amendments to Tariff to implement RTO arrangements
- Considered and voted development of new arrangements to integrate Non-PTF ties into RTO (including Highgate, Phase I/II and MEPCO)
- Considered and voted comprehensive Tariff and TOA amendments in response to FERC Orders on Generator Interconnection rules, including those for large, small and wind generators
- Initiated comprehensive review of Schedule 2 to the Tariff (reactive power schedule)



- Other Committees, Working Groups and Task Forces were active in 2005
  - Budget & Finance Subcommittee
  - Review Board Liaison Committee
  - Information Policy Working Group
  - GIS Operating Rules Working Group
  - Operations Audit Steering Committee
  - Transmission Settlement Subcommittee
  - Power Supply Planning Committee
  - IC Steering Committee
  - Membership Subcommittee
  - Planning Advisory Committee

- IC Stakeholder Process Working Group
- Demand Response Working Group
- Voltage Task Force
- Stability Task Force
- Meter Reader Working Group
- HUB Analysis Working Work
- Data Communications Task Force
- Environmental Planning Committee
- System Design Task Force
- Load Forecast Committee
- OASIS Working Group



#### **Budget & Finance Subcommittee**

- Worked with the ISO to prioritize and assist with ongoing extensive revisions to Financial Assurance and Billing Policies, including changes to:
  - Reduce over-collateralization and administrative burden.
  - Lower cost of collateral
  - Improve Market Participants' accounting processes
  - Reduce FTR default exposure
  - Enhance transparency
- Assisted the ISO in its investigation of proposed clearinghouse payment arrangements
- Expanded acceptable alternative collateral to include U.S. Treasuries
- Working through post-settlement negotiations with the ISO and other parties with regard to ISO Tariff Schedule 3 as it is applied to exports



#### **Review Board Liaison Committee**

- Revised rules of procedure to reflect accelerated timeframes for appeals under RTO arrangements
- Conducted search for and proposed 2 member slate elected by Participants Committee at summer meeting
- Met quarterly with Review Board

### **Information Policy Working Group**

- Proposed revisions to the Information Policy to implement process for appeal of information release decisions
- Re-visited issue of time lag for release of bid data



#### **GIS Operating Rules Working Group**

- Use of the GIS software to establish a generation certificate system for RECs produced within the Northern Maine Independent System Administrator Control Area
- New Active Accounts
  - ▶ 2004 26 new accounts
  - 2005 16 new accounts
- Renewable Generators added
  - 2004 37 new units (12 NEPOOL and 25 Behind-the-Meter)
  - 2005 13 new units (4 NEPOOL and 9 Behind-the-Meter)
- Pending changes include automatic entry of emissions data for zero-emission generators and simplified Certificate transfer procedures



### **Operations Audit Steering Committee**

- Completed operations audit
- Developing recommendation for going-forward process to interact with the ISO

#### **Transmission Settlement Subcommittee**

Developed final NEPOOL rate filing and related adjustments



#### **Power Supply Planning Committee**

- Development of 2005/2006 HQICC values
- Development of 2005/2006 IC Requirements values

### **IC Steering Committee**

 Organized to undertake comprehensive review of issues concerning IC Requirements Values and HQ ICCs

### **Membership Subcommittee**

- Approved 43 applications and 11 terminations
- Developed affidavit as alternative demonstration of due authorization
- Revised Standard Membership Conditions, Waivers and Reminders

# Enhanced Communications with Regulators



#### FERC

- Meetings with FERC Commissioners
  - Attendance by Chairman Wood and Commissioner Brownell at Participants Committee meeting



- Periodic communications with NEPOOL Officers
- Regular attendance by FERC staff at Participants Committee meetings



#### NECPUC and Other State Representatives

- Meetings with NECPUC members
- Increased participation in Participant Processes
- Attendance at NEPOOL Principal and other committee meetings

## Legal Proceedings



- 78 active legal proceedings in 2005
  - 30 resolved entirely within the Participant Process
  - 22 resolved or in on-going hearings or settlement proceedings
  - 20 contested but resolved through hearings on the papers
  - 6 rulemaking proceedings
- Decreasing number of proceedings were resolved entirely within

the Participant Processes, including:

- ITS Pilot Program Design
- Negative FTR Bids
- Start-Up Fee Treatment
- Surplus Transmission Congestion Revenue Allocation
- Changes to NCPC Credit Eligibility
- Order 2003-C Changes
- Incremental improvements to the Financial Assurance Policies
- Demand Reponses Reserve Pilot Program





- Substantial growth in the number of proceedings requiring hearings and/or settlement proceedings
- Proceedings set for hearing but resolved through settlement in 2005 include:
  - Day-Ahead Market Resettlement
  - Cold Weather Event Procedures
  - 2005/2006 HQICC values
  - ▶ ISO's 2005 Administrative Costs Budget
  - Reduced lag in recovery of new transmission costs in RNS rates



### Legal Proceedings

- Proceedings contested but resolved through or in the midst of paper hearing
  - Winter Package Market Rule Changes
  - 2005/2006 IC Requirement Values
  - 2006/2007 HQICCs
  - Real-Time RMR Charges
  - Partial De-Listing
  - Reference Price Calculations
  - Day-Ahead Load Response Program
  - Min Gen Emergency Charges & Credits





LICAP

England proposal exceeds just about anything tried before.

- Public Utilities Fortnightly Jan. 2005

In sheer complexity, the New

- 24 days of hearings
- 45 witnesses filed testimony
- Hundreds of interrogatories
- 21 witnesses deposed
- Briefs
- Reply briefs
- Briefs on exceptions
- Settlement judge with more than two dozen scheduled days of meetings



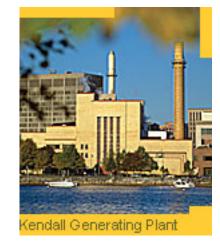


- TO ROE under RTO arrangements
  - 6 days of hearings
  - ▶ 12 witnesses
  - Numerous depositions and interrogatories
  - Briefs
  - Reply briefs
  - Briefs on exceptions





- RMR Agreements
  - 10 FERC dockets active during 2005 covering 5,987 MW\*
  - 2 resolved through settlement (Salem Harbor, Mirant Kendall)
  - 2 rejected (Mystic 7, 8, and 9)
  - 1 pending Commission action (NRG)
  - 1 proceeding to trial following termination of settlement judge proceedings (PSEG)
  - 4 subject to on-going settlement judge proceedings
  - 20 days of settlement conferences
- Connecticut Representatives' Complaint
  - Proposed amendments requiring all RMR Resources or resources determined to be needed for reliability in CT to apply for cost-of-service compensation



<sup>\*</sup>Summer Net Capability - 2005 CELT Report



- Cold Snap Settlement
  - 5 days of settlement discussions
  - Participants Committee supported settlement



2005 ISO Budget



- Schedule 3 rate design accepted subject to evidentiary hearing
- 4 days for pre-hearing conference, oral arguments, and technical/settlement conferences



### 2005 NEPOOL Officers

### **Participants Committee**

Chair Donald J. Sipe (End User)

Vice-Chairs Peter D. Fuller (Generation)

Mary Ellen Paravalos (Transmission)

Brian E. Forshaw (Publicly Owned)

Daniel W. Allegretti (Supplier)

Thomas E. Atkins (Alternative Resources)

Secretary David T. Doot

• Ass't Secretary Paul N. Belval



### 2005 NEPOOL Officers



## Technical Committee Participant Officers

Markets

Eric N. Stinneford (Transmission)

Reliability

Dorothy J. Capra (Generation)

Transmission

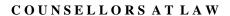
Robert R. Stein (Supplier)

Budget & Finance Roger W. Bacon (Publicly Owned)

Daniel W. Allegretti (Supplier)

### NEPOOL Counsel

### Day, Berry & Howard LLP





Paul Belval	(860) 275-0381	pnbelval@dbh.com
Florence Davis	(860) 275-0360	fksdavis@dbh.com
David Doot	(860) 275-0102	dtdoot@dbh.com
Lynn Fountain	(860) 275-0144	lmfountain@dbh.com
Michelle Gardner	(617) 345-4697	mcgardner@dbh.com
Patrick Gerity	(860) 275-0533	pmgerity@dbh.com
Cynthia Jacobs <sup>1</sup>	(860) 275-0246	ckjacobs@dbh.com
Robert Knickerbocker	(860) 275-0122	knicker@dbh.com
Bradley Latham <sup>2</sup>	(860) 275-0248	balatham@dbh.com
Jonathan Levine	(860) 275-0272	jmlevine@dbh.com
Scott Myers	(860) 275-0361	spmyers@dbh.com
Margoth Rodríguez Caley	(860) 275-0133	mrodriguez@dbh.com
Eric Runge	(617) 345-4735	ekrunge@dbh.com
Marjorie Sheathelm <sup>3</sup> <sup>1</sup> NEPOOL Administrator <sup>2</sup> Paralegal	(860) 275-0601	mcsheathelm@dbh.com

<sup>3</sup> Legal Administrative Assistant

## **Background Information**



- Participant List
- 2005 Budget
- List of agreements with websites
- List of FERC proceedings







## **NEPOOL** Participants



AIG Energy Inc.

Amerada Hess Corporation

American Electric Power Service Corporation

ANP Funding I, LLC

Appalachian Power Company

Ashburnham Municipal Light Plant

Associated Industries of Massachusetts

Bangor Hydro-Electric Company

Bank of America, N.A.

Barclays Bank PLC

Bear Swamp Power Company LLC
Belmont Municipal Light Department

BJ Energy, LLC

Black Oak Capital, LLC

Black Oak Energy, LLC

Blackstone Hydro, Inc.

BOC Energy Services, Inc.

Boralex Stratton Energy Inc.

**Boston Edison Company** 

Boston Generating, LLC

**Boylston Municipal Light Department** 

**BP Energy Company** 

Braintree Electric Light Department

Brascan Energy Marketing Inc.

**Burlington Electric Department** 

Calpine Energy Services, LP

CAM Energy Products, LP

Cambridge Electric Light Company

Canal Electric Company

Cape Light Compact

Cargill Power Markets, LLC

Central Maine Power Company

Central Vermont Public Service

Chicopee Municipal Lighting Plant

CinCap IV, LLC

CinCap V, LLC

Cincinnati Gas & Electric Company, Inc., The

Cinergy Capital & Trading, Inc.

Cinergy Services, Inc.

Citadel Energy Products LLC

Citigroup Energy Inc.

Citizens Communications Company

CMS Marketing Services and Trading

Columbus Southern Power Company

Commonwealth Electric Company

Concord Municipal Light Plant

Connecticut Jet Power LLC

Connecticut Light and Power Company, The



Connecticut Municipal Electric Energy Cooperative

Connecticut Resources Recovery Authority

Conservation Services Group, Inc.

Consolidated Edison Co. of New York, Inc.

Consolidated Edison Development, Inc.

Consolidated Edison Energy, Inc.

Consolidated Edison Solutions, Inc.

Constellation Energy Commodities Group, Inc.

Constellation NewEnergy, Inc.

ConsumerPowerline (Webenergy.net)

Coral Power, LLC

Cross-Sound Cable Company, LLC

D.E. Shaw Plasma Power, L.L.C.

Danvers Electric Division

DC Energy, LLC

Dennis Beverage Company, Inc.

**Dennis Energy Company** 

**Devon Power LLC** 

Dighton Power Associates Limited Partnership

Dominion Energy Marketing, Inc.

Dominion Marketing I, Inc.

Dominion Marketing II, Inc.

Dominion Marketing III, Inc.

Dominion Nuclear Connecticut, Inc.

Dominion Retail, Inc.

DTE Energy Trading, Inc.

Duke Energy Marketing America, L.L.C.

**Duke Energy North America LLC** 

Duke Energy Trading and Marketing, LLC

Dynegy Power Marketing, Inc.

Edison Mission Marketing & Trading, Inc.

El Paso Marketing, LP

Elliot Health System

Emera Energy Services, Inc.

Emera Energy U.S. Subsidiary No. 1 Inc.

Energy America, LLC

Energy Management, Inc.

**Energy New England LLC** 

EnerNOC, Inc.

**Entergy Nuclear Generation Company** 

Entergy Nuclear Vermont Yankee, LLC

Epic Merchant Energy, LP

ESI Northeast Energy GP, Inc.

Exelon Generation Company, LLC

Exelon New Boston, LLC

Exelon New England Holdings, LLC  $\,$ 

Fairchild Semiconductor Corporation

Fairchild Energy, LLC



Fitchburg Gas and Electric Light Company

Florida Power & Light Company

FPL Energy Maine Hydro, LLC

FPL Energy Maine, Inc.

FPL Energy Mason, LLC

FPL Energy Power Marketing, Inc.

FPL Energy Seabrook, LLC

FPL Energy Wyman IV, LLC

FPL Energy Wyman, LLC

FPL Energy LLC

Gas Recovery Systems, LLC

Gexa Energy LLC

Granite Ridge Energy, LLC

Granite State Electric Company

Great Bay Power Marketing, Inc.

Green Mountain Power

Groton Electric Light Department

H.Q. Energy Services (U.S.) Inc.

Harvard Dedicated Energy Limited

Hingham Municipal Lighting Plant

Holden Municipal Light Department

Holyoke Gas & Electric Department

Holyoke Water Power Company

Hudson Light and Power Department

**Hull Municipal Lighting Plant** 

Indeck Energy-Alexandria, LLC

Indeck Maine Energy, LLC

Indiana Michigan Power Company

**Industrial Energy Consumer Group** 

**Industrial Power Services Corporation** 

**Ipswich Municipal Light Department** 

J & L Electric

J. Aron & Company

J.F. Gray & Associates, LLC

J.P. Morgan Ventures Energy Corporation

JPMorgan Chase Bank, N.A.

Kennebec River Energy, LLC

Kentucky Power Company

LaBree's, Inc.

LaBree's Energy, LLC

Lake Road Generating Company, L.P.

Lehman Brothers Commodity Services Inc.

Lincoln Paper and Tissue, Inc.

Linde Gas LLC

Littleton (MA) Electric Light Department

Littleton (NH) Water and Light Department

Long Island Lighting Company d/b/a LIPA

Lowell Cogeneration Co. Limited Partnership



Lowell Power LLC

LP&T Energy LLC

Maine Health & Higher Educational Facilities Authority

Maine Skiing, Inc.

Mansfield Municipal Electric Department

Marblehead Municipal Light Department

Marden's. Inc.

Massachusetts Bay Transportation Authority

Massachusetts Electric Company

Massachusetts Municipal Wholesale Electric Company

Massachusetts Port Authority

Massachusetts. Public Interest Research Group, Inc.

Mead Oxford Corporation

Merchants Plaza, LLC

Merchants Plaza Energy, LLC

Merrill Lynch Commodities, Inc.

Middleborough Gas and Electric Department

Middleton Municipal Electric Department

Middletown Power LLC

Milford Power Company, LLC

Milford Power Limited Partnership

Millennium Power Partners, LP

Mirant Americas Energy Marketing, LP

Mirant Canal, LLC

Mirant Energy Trading, LLC

Mirant Kendall, LLC

Mirant New England, LLC

Mohawk River Funding IV, LLC

Montville Power LLC

Morgan Stanley Capital Group, Inc.

Morin Brick Company, Inc.

Morin Energy, LLC

Narragansett Electric Company

**New England Power Company** 

New England Wire Technologies Corporation

New Hampshire Electric Cooperative, Inc.

New Hampshire Industries, Inc.

New Hampshire Office of Consumer Advocate

New York State Electric & Gas, Inc.

North Attleborough Electric Department

Northeast Generation Company

Northeastern Power, LLC

Northern States Power Company

Norwalk Power LLC

Norwood Municipal Light Department

NRG Power Marketing Inc.

NYSEG Solutions, Inc.

**Ohio Power Company** 



Old Town Lumber Company, Inc.

Order of St. Benedict of New Hampshire, d/b/a St. Anselm

College

Parkview Adventist Medical Center

Parkview AMC Energy, LLC

Pascoag Utility District

Paxton Municipal Light Department

Peabody Municipal Light Plant

Pinpoint Power, LLC

Powerex Corp.

PowerOptions, Inc.

PPL EnergyPlus Co.

PPL Maine, LLC

PPL Wallingford Energy, LLC

PPM Energy, Inc

Praxair, Inc.

PSEG Energy Resources & Trade LLC

PSEG Energy Technologies Inc.

Public Service Company of New Hampshire

Rainbow Energy Marketing Corporation

Reading Municipal Light Plant

Rentricity Inc.
Richard Silkman

Ridgewood Maine Hydro Partners, L.P.

Ridgewood Rhode Island Generation, LLC

Ritchie Energy Products, L.L.C.

Rochester Electric Light & Power

Rowley Municipal Light Plant

Rumford Power Associates Limited Partnership

Saracen Energy, LP

Saracen Merchant Energy, LP

Select Energy Inc.

Select Energy New York, Inc.

Sempra Energy Solutions

Sempra Energy Trading Corp.

Seneca Energy II, LLC

SESCO Enterprises, LLC

Shrewsbury's Electric Light Department

Somerset Power LLC

South Hadley Electric Light Department

Split Rock Energy, LLC

Sprague Energy Corp.

SR Energy, LLC

State of Connecticut, Office of Consumer Counsel

State of Maine, Office of the Governor

Sterling Municipal Electric Light Department

Strategic Energy, Limited Partnership

SUEZ Energy Marketing NA, Inc.



SUEZ Energy Resources NA, Inc.

Susquehanna Energy Products, LLC

**Taunton Municipal Lighting Plant** 

TCPL Power Ltd.

Templeton Municipal Lighting Plant

Texas Instruments Incorporated

The Energy Consortium

The Energy Council of Rhode Island

Tiverton Power Associates Limited Partnership

TransAlta Energy Marketing (U.S.) Inc.

TransCanada Energy Ltd.

TransCanada Power Marketing Ltd.

TransEnergie U.S. Ltd.

TXU Energy Trading Company LP

UBS AG, acting through its London Branch

Union of Concerned Scientists, Inc.

United Illuminating Company, The

Unitil Energy Systems, Inc.

UNITIL Power Corp.

UPC Wind Management, LLC

Vermont Electric Cooperative

Vermont Electric Power Company, Inc.

Vermont Marble Company

Vermont Public Power Supply Authority

Vermont Yankee Nuclear Power Corporation

Wakefield Municipal Gas and Light Department

WebGen Systems Inc.

Wellesley Municipal Light Plant

West Boylston Municipal Lighting Plant

The Westerly Hospital

Westerly Hospital Energy Company, LLC

Western Massachusetts Electric Company

Westfield Gas & Electric Light Department

Wheelabrator North Andover, Inc.

Williams Power Company, Inc.

Worcester Trading, Inc.

WPS Energy Services Inc.

Z-TECH, LLC



#### 2005 NEPOOL Costs

#### **Participant Expenses\***

Legal Fees and Disbursements	\$4,198,700
Independent Financial Advisor Fees and Disbursements	105,000
Committee Meeting Expenses	500,000
Review Board Compensation	215,000
Review Board Administrative and Support Expense	95,000
Review Board Insurance	87,000
Subtotal	\$5,200,700
NEPOOL Membership Fees	(\$1,040,000)
TOTAL Participant Expenses	\$4,160,700

Allocated pursuant to 2d RNA Section 14.2 (2/2005 – 12/2005) and RNA Section

19.2 (1/205-2/2005)

**December 2, 2005** 

# Estimated NEPOOL 2005 Costs



#### Other Expenses

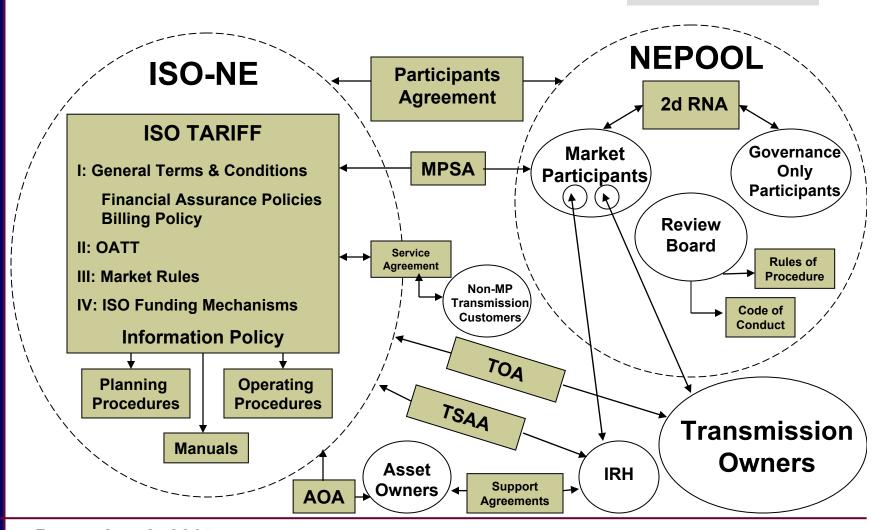
Generation Information System <sup>1</sup> \$1,500,000 <sup>1</sup>
Credit Insurance Premium <sup>2</sup> 310,000 <sup>2</sup>
Load Response <sup>3</sup> 600,000 <sup>3</sup>

Total For Other Expenses \$2,410,000

- 1 Paid by "GIS Participants" under Allocation of Costs Related to Generation Information System, which was approved by the Participants Committee on June 21, 2002.
- 2 Paid by Participants based on the sum of all charges and remittances in the preceding calendar year under Section V of the Financial Assurance Policy for Market Participants.
- 3 Costs allocated based on Real-Time load obligations in applicable zone as set forth in Section 7 of Appendix E to Market Rule 1. Approximate Load Response Expenses as of December 1, 2005.



#### Operative Documents



**December 2, 2005** 

43

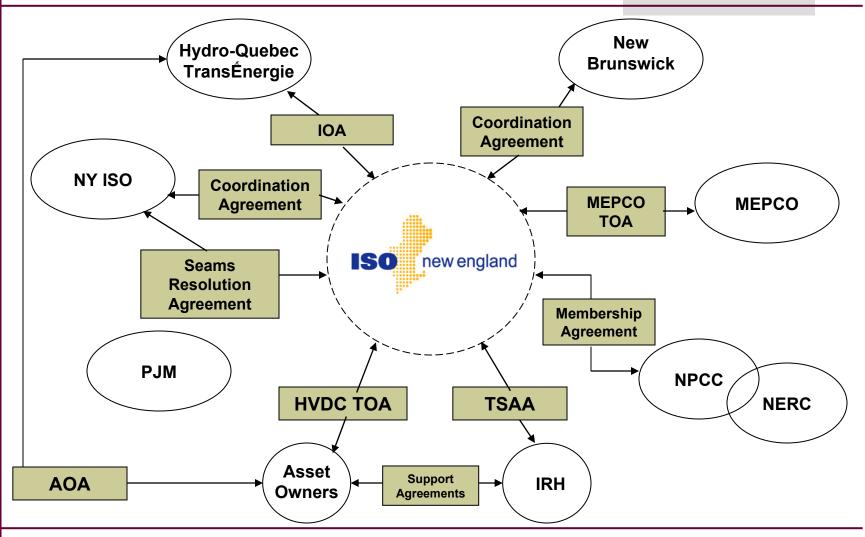
# NEPOOL

#### Operative Documents

- Second Restated NEPOOL Agreement (2d RNA)
  - (http://www.iso-ne.com/committees/comm\_wkgrps/prtcpnts\_comm/rvwbrd/prps/index.html)
- Participants Agreement (PA)
  - http://www.iso-ne.com/regulatory/part\_agree/index.html
- Market Participants Service Agreement (MPSA)
  - http://www.iso-ne.com/regulatory/tariff/attach\_a/index.html
- ISO Tariff (Tariff)
  - http://www.iso-ne.com/regulatory/tariff/index.html
- Transmission Owners Agreement (TOA)
  - http://www.iso-ne.com/regulatory/tariff/index.html
- Planning Procedures (PPs)
  - http://www.iso-ne.com/rules\_proceds/isone\_plan/index.html
- Operating Procedures (OPs)
  - http://www.iso-ne.com/rules\_proceds/operating/index.html
- Manuals
  - http://www.iso-ne.com/rules\_proceds/isone\_mnls/index.html
- Review Board Rules of Procedure and Code of Conduct
  - http://www.isone.com/committees/comm\_wkgrps/prtcpnts\_comm/rvwbrd/prps/index.html



### Operative Documents



December 2, 2005

# NEPOOL

#### Operative Documents

- Phase I/II HVDC Transmission Operating Agreement (HVDC TOA)
  - http://www.iso-ne.com/regulatory/toa/hvdc\_toa.pdf
- Phase I/II HVDC-TF Transmission Service Administration Agreement (TSAA)
  - http://www.iso-ne.com/regulatory/toa/phase\_I-II\_hvdc-tf-\_tsaa.pdf
- MEPCO Transmission Operating Agreement (MEPCO TOA)
  - http://www.iso-ne.com/regulatory/toa/mepco\_toa.pdf
- New Brunswick Coordination Agreement
  - http://www.isone.com/regulatory/ferc/filings/2005/jun/New%20Brunswick%20Agreement%206-7-05.pdf
- Interconnection Operators Agreement (IOA) ISO-NE-HQ TransEnergie
  - http://www.iso-ne.com/regulatory/ferc/filings/2005/mar/attachment\_403\_31\_05.pdf
- Asset Owners Agreement (AOA)
  - http://www.iso-ne.com/regulatory/ferc/filings/2005/mar/attachment\_5.04\_01\_05.pdf
- NYISO Coordination Agreement
  - http://www.iso-ne.com/rules\_proceds/isone\_mnls/index.html
- Interregional Coordination and Seams Issue Resolution Agreement
  - http://www.iso-ne.com/regulatory/ferc/filings/2004/jun/rt04\_2\_06\_22\_04.pdf



# FERC Proceedings

EL04-112 EL05-39	RSC Formation ANP Complaint challenging NEPOOL's adoption of new OP20 and changes to OP5 resulting from the ISO's Cold Snap Proposal	EL05-150	CT Representatives complaint requesting FERC to amend Market Rule 1 so that all electric generation facilities that have been designated as an RMR Resource or are otherwise determined by the ISC as passagers for reliability in
EL05-56	CT DPUC Complaint challenging the use of historic test year data in calculating the PTF capital addition cost component of the Attachment F formula	ER02-2330	by the ISO as necessary for reliability in Connecticut must apply to must apply to the ISO for cost-of-service compensation Quarterly SMD Reports
EL05-61	ConEd Complaint challenging the portions of Market Rule 1 and	ER03-345	Semi-Annual Status Reports on Load Response Programs
	Manual 20 relating to the conduct of monthly UCAP Deficiency Auctions	ER03-563-049	Reports on progress made in the siting, permitting and construction of
EL05-89	Maine PUC Complaint challenging TO's ROE under NEPOOL Tariff		transmission and generation upgrades in the New England Control Area
EL05-91	FERC investigation into continued just and reasonableness of ISO Schedule 3	ER04-157-004 ER04-433-004	RTO ROE Proceeding 111th Agreement (Tariff Schedule 22 Compliance Amendments)
EL05-119	NRG Complaint challenging the ISO's rejection of a portion of RBAs	ER04-798 ER04-841	DAM Resettlement Salem Harbor RMR
	seeking adjustment to NRG's payments under the NRG RMR Agreements	ER04-1255-001 ER05-26	Day-Ahead Load Response Program Mirant RMR
EL05-147	Milford Complaint challenging the ISO's rejection of a portion of three RBAs seeking adjustment to Milford's payments under the Milford RMR Agreement	ER05-52 ER05-134/135	2005/2006 HQICCs 2005 ISO Budgets

**December 2, 2005** 



# FERC Proceedings

ER05-163	Milford RMR	ER05-767	Reference Price Calculations
ER05-231	PSEG RMR	ER05-795	ASM Phase I
ER05-267	109th Agreement (Mirant Kendall Repowering Project)	ER05-811	Financial Assurance Policy Amendments Permitting US
ER05-403	110th Agreement (Financial Assurance Policy Changes)		Treasury Obligations as a Form of Financial Assurance
ER05-361	ITS Pilot	ER05-870	Min Gen Emergency Charges & Credits
ER05-374	RTO implementation filing	ER05-903	ConEd RMR
ER05-439	Real-Time RMR Charges	ER05-945	Modified Rating Requirement for
ER05-459	112th Agreement		Credit Insurance Company
ER05-492	Negative FTR Bids	ER05-973	ISO's Capital Projects Report - 2005
ER05-508	Cold Weather Procedures		Q1
ER05-531	(Appendix H) Partial De-Listing	ER05-1022	Surplus Transmission Congestion Revenue Allocation
ER05-594	113th Agreement (US Gen Compensation)	ER05-1086	New Brunswick Coordination Agreement
ER05-588	114th Agreement	ER05-1179	Berkshire RMR
	(Review Board Composition)	ER05-1220	Start Up Fee Treatment in
ER05-611	Bridgeport RMR		Determination of Operating Reserve
ER05-680	ISO's Capital Projects Report - 2004 Q4		Credits
ED06 746		ER05-1250	Phase I/II HVDC-TF IOA and AOA
ER05-715	2005/2006 IC Requirements	ER05-1283	2005/2006 Power Year Rate Filing
ER05-730	MEPCO Operating Agreement	ER05-1304/5	Mystic RMRs
ER05-747	Forward Reserve Market Clarifications and Partial De-Listing	ER05-1342	Order 2003-C Changes
	Mitigation	ER05-1343	ISO's Capital Projects Report – 2005 Q2

**December 2, 2005** 



# FERC Proceedings

ER05-1343 ER05-1353	ISO's Capital Projects Report - 2005 Q2 Changes to NCPC Credit Eligibility	RT04-2-011 RT04-2-010 RT04-2-012	Order 2003 Compliance Filing RTO 60-day compliance filing RTO 90-day compliance filing
ER05-1450	Demand Response Reserve Pilot Program	ID-3938-001 RM04-12	Pignatelli Application
ER05-1531 ER06-17	2006/2007 HQICCs Lag in Recovery of New	KIVI04-12	NOPR on Accounting and Financial Reporting for Public Utilities Including RTOs
ER06-69	Transmission Costs in RNS Rates Re-instating MTF language	RM05-4	NOPR on Interconnection for Wind Energy and Other Alternative Technologies
ER06-89 ER06-94 ER06-97	Winter Package ISO 2006 Budget 2006 Capital Budget	RM05-10	NOPR on Imbalance Provisions for Intermittent Resources Assessing the State of Wind Energy in
ER06-118	NRG RMR		Wholesale Electricity Markets
ER06-191	Small Interconnection Compliance Filing	RM05-16	NOI on Generator Run Status Information
ER06-193	Schedule 22 Improvements LGIA LGIP	RM05-25	NOPR on Preventing Undue Discrimination and Preference in
RT04-2-008	Compliance Filing Describing Role of Review Board Under RTO Arrangements	RM05-30	Transmission Services NOPR on Electric Reliability Organization and Electric Reliability
RT04-2-009	Report of Compliance with respect to a revised Seams Agreement, and compliance changes to the TOA, RTO Tariff, and ISO-NE Information Policy		Standards

**December 2, 2005** 

49