

**Raab Associates' Major Projects (1980-Present) By Topic (p.1-2)  
and by Location (see p.3-4), and Dr. Raab's Qualifications (see p. 5)**

(For more detail on any project, click on its associated date)

**Major Projects by Topic**

**Wholesale Markets & Electric Utility Restructuring**

- New England: **Electricity Restructuring Roundtable** [[1995-Present](#)]
- PJM: **Board/Stakeholder Liaison on IMM Issues** [[2021-Present](#)]
- PJM: **Energy Policy Roundtable in the PJM Footprint** [[2015-2020](#)]
- MISO: **Stakeholder Process Redesign** [[2015](#)]
- PJM: **Governance/Stakeholder Process Redesign** [[2009-2012](#)]
- Alberta: **Market Participant Rules** [[2006-2007](#)]
- Northeast/Mid-Atlantic: **Regional Greenhouse Gas Initiative (RGGI)** [[2004-2005](#)]
- New England: **Demand Response Initiative (NEDRI)** [[2002-2003](#)]
- New England: **Electricity Disclosure Project** [[2000](#)]

**Electricity Transmission and Distribution**

- FERC: **Federal/State Joint Task Force on Electric Transmission** [[2022-Present](#)]
- Boston: **Green Ribbon Commission's Boston GridMod Phase I Workshops & Phase II Working Group** [[2023-Present](#)]
- Massachusetts: **Electric System Modernization Plan Workshops** [[2023](#)]
- Rhode Island: **Grid Modernization Stakeholder Process** [[2016-2017](#)]
- New Hampshire: **Grid Modernization Stakeholder Process** [[2016-2017](#)]
- United States: **USDN Multi-City Microgrids** [[2015](#)]
- Boston: **Microgrid Workshops** [[2014](#)]
- Massachusetts: **Grid Modernization Stakeholder Process** [[2012-2013](#)]
- Massachusetts: **Distributed Generation Interconnection Work Groups** [[2002-2003](#); [2012-2013](#)]
- Eastern U.S.: **Eastern Interconnection Planning Collaborative (EIPC)** [[2010-2011](#)]
- Germany: **Developing Transmission Infrastructure for Renewable Energy** [[2009](#)]
- Vermont: **Integration of Non-Transmission Alternatives Negotiated Rulemaking** [[2005-2006](#)]

**Energy Efficiency**

- California: **Energy Efficiency Coordinating Committee (CAEECC)** [[2018-Present](#)]
- Connecticut: **Green Bank Strategic Planning Retreats** [[2011](#); [2017](#); [2019](#); and [2022](#)]
- Massachusetts: **Three-Year Energy Efficiency Plan Workshops** [[2014](#); [2017](#); [2020](#) and [2023](#)]
- Department of Energy: **Building Energy Data Exchange Specifications (BEDES)** [[2013-2014](#)]; **National LED Program Planning Workshops** [[2004 & 2005](#)]
- New Hampshire: **Energy Efficiency Working Group** [[1998-1999](#)]
- New York: **Demand Side Management Evaluation Services** [[1996](#)]
- Rhode Island: **Energy Efficiency and Renewable Energy Collaboratives** [[1993-2001](#)]

**Multi-Sector Climate Mitigation and Clean Energy Plans**

- Philadelphia: **Sustainable Energy Hub Stakeholder Process** [[2015](#)]
- Boston: **Climate Action Plan Stakeholder Process** [[2009-2010](#)]
- Tennessee: **Governor's Energy Policy Task Force** [[2008-2009](#)]

- Vermont: **Energy Future Project** [[2007](#)]
- Rhode Island: **Greenhouse Gas Planning Stakeholder Process** [[2001-2006](#)]
- Maine: **Greenhouse Gas Plan Initiative Stakeholder Process** [[2004](#)]
- Connecticut: **Greenhouse Gas State Agency Strategic Planning** [[2002](#)]

#### Renewable Energy

- New Hampshire: **Energy Facility Siting Reform Process** [[2013](#)]
- Fish and Wildlife Service: **Wind Turbine Guidelines Federal Advisory Committee** [[2012](#)]
- New York: **Multi-Party Negotiation Simulation on Biomass Energy Development** [[2008](#)]
- Massachusetts: **Sustainable Biomass Initiative** [[2008](#)]
- Rhode Island: **Renewable Energy Standard Negotiated Rulemaking** [[2005](#)]
- Massachusetts: **Cape & Islands Offshore Wind Stakeholder Process** [[2002-2004](#)]
- Massachusetts: **Renewable Portfolio Standard Advisory Group** [[1999](#)]
- Palo Alto: **Comprehensive Solar/Energy Efficiency Plan Consultancy** [[1980-1981](#)]

#### Natural Gas/Fossil Fuels

- Massachusetts: **Regional Electricity/Gas Study Advisory Committee** [[2015](#)]
- Massachusetts: **Gas Demand Analysis Stakeholder Process** [[2014](#)]
- Massachusetts: **NOx Emission Allowance Allocation Mediation** [[1996](#)]
- U.S DOE: **Federal Energy Technology Center Merger/Consolidation Plan** [[1995](#)]

#### Transportation

- Massachusetts: **MassMoves Public Engagement Initiative** [[2017](#)]
- Northeast/Mid-Atlantic: **Clean Fuels Standards** [[2009-2011](#)]
- *(See also multi-sector climate and clean energy plans for Tennessee, Rhode Island, Maine, and Boston)*

#### Water/Oceans/Marine Life

- National Marine Fisheries Service: **Atlantic Right Whale Take Reduction** [[2011 & 2013](#)]; **Halibut Workshop** [[2012](#)]; **Highly Migratory Species Advisory Panel** [[2011](#)]
- California: **Marine Life Protection Act Stakeholder Process Evaluation** [[2006](#)]
- Massachusetts: **Housatonic River Project** [[2001](#)]

#### Other

- Japan: **Nuclear Power Safety Joint Fact-Finding Conference, University of Tokyo** [[2011](#)]
- Nat'l Institute for Severely Handicapped: **The Art of Contract Negotiations** [[2004-2015](#)]
- Japan: **Workshop on Social Decision-Making on Energy Technology** [[2005](#)]
- NASA/Jet Propulsion Lab: **Deep Space Network Antenna Allocation** [[2000](#)]

## Major Projects by Location

### U.S. Regional Projects

- **New England Electricity Restructuring Roundtable** [[1995-Present](#)]
- **PJM Board/Stakeholder Liaison on IMM Issues** [[2021-Present](#)]
- **Energy Policy Roundtable in the PJM Footprint** [[2015-2020](#)]
- **MISO Stakeholder Process Redesign** [[2015](#)]
- **PJM Governance/Stakeholder Process Redesign** [[2009-2012](#)]
- **Eastern Interconnection Planning Collaborative (EIPC)** [[2010-2011](#)]
- **Clean Fuels Standards** [[2009-2011](#)]
- **Regional Greenhouse Gas Initiative (RGGI)** [[2004-2005](#)]
- **New England Demand Response Initiative (NEDRI)** [[2002-2003](#)]
- **New England Electricity Disclosure Project** [[2000](#)]

### U.S. National & International Projects

- **FERC:** Federal/State Joint Task Force on Electric Transmission [[2022-Present](#)]
- **Department of Energy:** Building Energy Data Exchange Specifications (BEDES) [[2013-2014](#)]; National LED Program Planning Workshops [[2004 & 2005](#)]; Federal Energy Technology Center Merger and Consolidation Plan [[1995](#)]
- **National Marine Fisheries Service:** Atlantic Right Whale Take Reduction [[2011 & 2013](#)]; Highly Migratory Species Advisory Panel [[2011](#)]
- **Fish and Wildlife Service:** Wind Turbine Guidelines Federal Advisory Committee [[2012](#)]
- **Japan:** Nuclear Power Safety Joint Fact-Finding Conference, University of Tokyo [[2011](#)]
- **Germany:** Developing Transmission Infrastructure for Renewable Energy [[2009](#)]
- **Japan:** Workshop on Social Decision-Making on Energy Technology [[2005](#)]
- **NASA/Jet Propulsion Lab:** Deep Space Network Antenna Allocation [[2000](#)]

### State/Province Projects

#### **Alberta:**

- Market Participant Rules [[2006-2007](#)]

#### **California:**

- California Energy Efficiency Coordinating Committee (CAEECC) [[2018-Present](#)]
- Marine Life Protection Act Stakeholder Process Evaluation [[2006](#)]

#### **Connecticut:**

- Green Bank Strategic Planning Retreats [[2011; 2017; 2019; and 2022](#)]
- Greenhouse Gas Monitoring and Evaluation Retreat [[2006](#)]
- Greenhouse Gas State Agency Strategic Planning [[2002](#)]

#### **New Hampshire:**

- Grid Modernization Stakeholder Process [[2016-2017](#)]
- Energy Facility Siting Reform Process [[2013](#)]
- Energy Efficiency Working Group [[1998-1999](#)]

#### **Maine:**

- Greenhouse Gas Plan Initiative Stakeholder Process [[2004](#)]

#### **Massachusetts:**

- Electric System Modernization Plan Workshops [[2023](#)]
- Three-Year Energy Efficiency Plan Workshops [[2014; 2017; 2020 and 2023](#)]

- MassMoves Public Engagement Initiative [[2017](#)]
- Regional Electricity/Gas Study Advisory Committee [[2015](#)]
- Gas Demand Analysis Stakeholder Process [[2014](#)]
- Grid Modernization Stakeholder Process [[2012-2013](#)]
- Sustainable Biomass Initiative [[2008](#)]
- Distributed Generation Interconnection Working Groups [[2002-2003](#); [2012-2013](#)]
- Cape & Islands Offshore Wind Stakeholder Process [[2002-2004](#)]
- Renewable Portfolio Standard Advisory Group [[1999](#)]
- NOx Emission Allowance Allocation Mediation [[1996](#)]

**New York:**

- Multi-Party Negotiation Simulation on Biomass Energy Development [[2008](#)]
- Demand Side Management Evaluation Services [[1996](#)]

**Rhode Island:**

- Grid Modernization Stakeholder Process [[2016-2017](#)]
- Greenhouse Gas Planning Stakeholder Process [[2001-2006](#)]
- Renewable Energy Standard Negotiated Rulemaking [[2005](#)]
- Energy Efficiency and Renewable Energy Collaboratives [[1993-2001](#)]

**Tennessee**

- Governor’s Energy Policy Task Force [[2008-2009](#)]

**Vermont:**

- Vermont’s Energy Future Project [[2007](#)]
- Integration of Non-Transmission Alternatives Negotiated Rulemaking [[2005-2006](#)]

**U.S. City Projects**

- **Boston** Green Ribbon Commission’s Boston GridMod [[2023-Present](#)]
- **Philadelphia** Sustainable Energy Hub [[2015](#)]
- **USDN** Multi-City Microgrids [[2015](#)]
- **Boston’s** Microgrid Workshops [[2014](#)]
- **Boston’s** Climate Action Plan Stakeholder Process [[2009-2010](#)]
- **Palo Alto’s** Comprehensive Solar/Energy Efficiency Plan Consultancy [[1980-1981](#)]

## Dr. Jonathan Raab's Major Qualifications

### Employment

- **Raab Associates, Ltd.**, President [1992-Present]
- **MA Dept. Public Utilities**, Assistant Director Electric Power Division [1989-1991]
- **Bureau of Government Research & Service**, University of Oregon, Research Associate [1984-1988]

### Education

- **MIT**, Ph.D. [1992—DUSP: Energy/Environmental Policy & Resource Economics]
- **Stanford**, MS [1984—Civil Engineering: Infrastructure Planning & Management]
- **Stanford**, AB Distinction [1980—Social Sciences: Political Science]
- **Wesleyan**, [1976-1978—College of Social Sciences]

### Academic Appointments/Courses

- **MIT**: *Energy Policy for a Sustainable Future* [2007-2011]
- **UMass (Boston)**: *Public Policy Negotiation* [1995]
- **University of Oregon**: *Energy Policy and Planning; Land Use Planning* [1984-1987]
- **Stanford**: *The Politics of Solar Energy* [1980]

### Major Publications

(See also *final reports, plans, and papers* associated with major projects listed on pages 1-4)

- Raab, Jonathan and Susskind, Larry (2009) ***New Approaches to Consensus Building and Speeding up Large-Scale Energy Infrastructure Projects***, for the German Electricity Regulator
- Fleishman, Robert, Pou, Charles, Raab, Jonathan et al. (2006) ***Using ADR to Resolve Energy Industry Disputes: The Better Way***
- Schlegel, Jeff; Raab, Jonathan et al. (1997) ***Evaluating Energy-Efficiency Programs in a Restructured Industry Environment: A Handbook for PUC Staff***. NARUC
- Raab, Jonathan (1994). ***Using Consensus Building to Improve Utility Regulation*** (320 pages, Foreword by Susan Tierney). ACEEE
- Raab, Jonathan and Violette, Daniel (1994). ***Regulating DSM Program Evaluation: Policy and Administrative Issues for Public Utility Commissions***. NARUC: Washington, D.C.
- Raab, Jonathan and Schweitzer, Martin (1992). ***Public Involvement in Integrated Resource Planning: A Study of Demand-Side Management Collaboratives***. Oak Ridge National Laboratory, ORNL/Con 344. February.
- Raab, Jonathan et. al. (1984). ***Oregon Land Use Planning: Guide to Local Planning and Development***. Bureau of Government Research and Service, University of Oregon.
- Levine, Alice and Raab, Jonathan et al. (1982). ***Energy Conservation in Rental Housing: Landlords' Perceptions of Problems and Solutions***. U.S. DOE, Solar Energy Research Institute, Golden, Colorado.
- Levine, Alice and Raab Jonathan (1981). ***Solar Energy Conservation and Rental Housing***, U.S. DOE, Solar Energy Research Institute.