Municipalities with Master Plan Energy Chapters and their contents as shown by the bulleted lists.

Antrim – 2010 (see Chapter IV. Energy Usage and Conservation)

- Energy Usage and Conservation (chapter title and statement on the adoption of the climate change resolution in 2007);
- Credit for Information That Follows (the RPC and the regional plan energy chapter);
- Impact of Global Warming on New Hampshire;
- How This Affects New Hampshire;
- New Hampshire's Power Usage;
- New Hampshire's Carbon Dioxide Emissions;
- New Hampshire Regulations;
- Be Innovative in Our Thinking and Implementation (three examples from other municipalities);
- Biodiesel An Alternative to Petroleum Diesel;
- Perform Public and Private Energy Audits (references the energy committee);
- Antrim's Recent Conservation Measures;
- Cool Monadnock;
- Encourage Renewable Energy Resources;
- Constructing Green Buildings;
- New Hampshire State Energy Plan;
- Other Resources for Planning and Implementation;
- Conclusion; and
- Recommendations

Bedford - June 2010

- Introduction;
- Energy and Utilities Goals;
- Bedford Energy Commission;
- · Energy Utilities in Bedford;
- Utility Conservation, Rebate Programs and Sustainability;
- Telecommunications; and
- Moving Ahead: Recommended Actions

Berlin – April 6, 2010

- Introduction;
- Climate Change;
- Energy Supply;
- Energy Consumption;
- Berlin Municipal Energy Inventory;
- Renewable Energy;
- Efficiency and Conservation;

- Energy and Planning;
- Transmission Issues;
- Berlin Action Plan; and
- Land Use Implications and Potential Actions

Boscawen – March 1, 2016

- Introduction
- The Energy Landscape
- Statewide Energy Use Overview
- Sources (Of Energy)
- Renewable Energy
- Boscawen's Energy Profile
- Planning And Energy Policy
- State Energy Strategy (Sb191)
- Energy Efficiency Resource Standard (Eers)
- Climate Change Action Plan
- Net Metering
- Building Energy Code
- State Legislation
- Local Energy Planning
- Objectives And Recommendations
- Summary
- Additional Resources
- Additional Reference Materials

Brookline - May 5, 2011

- Introduction;
- Energy Vision For Brookline;
- Importance Of Energy Planning, Efficiency, And Conservation (3.1 State And Regional Energy Patterns, 3.2 Energy Planning And The Town Of Brookline, 3.3 Energy Related Initiatives To-Date In Brookline);
- Energy Efficiency And Energy Use In Buildings (4.1 Energy Efficiency Overview, 4.2 Energy Efficiency And Buildings Findings/Results, 4.3 Energy Efficiency And Buildings Recommendations, 4.4 Energy Efficiency And Buildings Implementation And Timeframe);
- Energy Generation (5.1 Energy Generation Overview, 5.2 Energy Generation Findings/Results, 5.3 Energy Generation Recommendations, 5.4 Energy Generation Implementation And Timeframe);
- Energy Implications Of Land Use Patterns And Transportation (6.1 Overview, 6.2 Energy Implications Of Land Use & Transportation Results/Findings, 6.3 Energy Implications Of Land Use

- & Transportation Recommendations, 6.4 Energy Implications Of Land Use & Transportation Implementation And Timeframe); and
- References (7.1 Definitions, 7.2 Relevant State Statutes And Model Ordinances, 7.3 Resources)

<u>Candia</u> – April 9, 2004 (see Volume I, Chapter 4 - Implementation Plan and Volume II, Chapter 2 - Built Infrastructure, CANDIA ENERGY AND UTILITY PROFILE)

Policy #15) Establish a strong and visible commitment to energy efficiency (contained in Volume I – Policy Document, Chapter 4 Implementation Plan, Built Infrastructure Policies: Community Facilities, Services, Utilities and Energy Policies)

Summary of Energy Use, Demand and Affordability; Summary of Utilities and Communication Resources; Energy Sources and Supplies; Energy Conservation; Public Utilities; and Communication and Information (contained in Volume II – Infrastructure Inventories (Data Book), Chapter 2 Built Infrastructure, Utilities and Energy, Candia Energy and Utility Profile)

Center Harbor – June 5, 2012

- Introduction (Purpose and Rationale, Policy);
- New Hampshire Statutes and Policies Related To Energy (Property Assessed Clean Energy (PACE) Financing Districts, Property Tax Exemptions for Renewable Energy);
- Energy Prices and Consumption Trends (Fossil Fuels and Electric Power, Renewable Energy Sources, Municipal Building Energy Consumption and Expenditures, Community-Wide Energy Use);
- The Energy/Planning Connection;
- Energy Goals;
- Energy Planning and Implementation Accomplishments;
- Recommendations;
- Appendix A Energy Planning Resources;
- Appendix B Statutes and Rules relating to Energy Conservation, Efficiency, and Clean Energy in NH

Concord - April 2, 2013

- Introduction;
- Energy Goals;
- State Actions Related To Energy & Climate Change;
- Energy Use In New Hampshire;
- Energy Use In Concord;
- Municipal Energy Use;
- Planning For Energy Reduction And Sustainability;
- Public Education And Outreach;
- Energy Objectives And Actions; and
- Supporting Studies

<u>Deerfield</u> – unclear if this has been adopted or not – the file name has "final" but the text of the document says "This Draft Report has been prepared by SNHPC with assistance by town staff and the Deerfield Planning Board, and is intended to be presented to and adopted by the Deerfield Planning Board as a chapter in the Town's Master Plan."

- Executive Summary
- Introduction (Purpose; Energy Opportunity; Deerfield Energy Chapter Scope, Vision and Goals)
- Existing Conditions in Deerfield (Extreme Weather; Energy Conservation, Adaptation and Hazard Mitigation; Energy Inventories/Audits for Deerfield's Municipal Buildings; Current Deerfield Initiatives, Ordinances and Projects)
- Energy-Related Problems Affecting Deerfield
- New Opportunities for Deerfield (Buildings and Grounds; Transportation; Land Use; Energy Efficiency Resources)
- Recommendations and Action Plan
- Appendices

<u>Durham</u> – November 18, 2015

- Vision;
- Foundation;
- Introduction;
- State, Regional, and Local Efforts to Date;
- New Hampshire's Energy Uses and Sources;
- Durham's Energy Uses and Sources;
- Durham's Three Pillars of Energy Planning and Action (Pillar I: Building Design and Land Use,
 Pillar II: Transportation, Pillar III: Alternative and Renewable Energy Sources);
- Key Conclusions;
- Goals and Recommendations;
- Connections to Other Chapters; and
- Qualifications

<u>Fitzwilliam</u> – January 3, 2012 (Just a small three paragraph section on **Energy Conservation** in the *Historic and Cultural Resources* chapter.)

This tiny piece just addressed the actions of the Energy Committee completing an energy audit of all town buildings and an electrical audit of all municipal buildings, sponsoring an annual Arts and Energy Fair and long-term goals to complete full energy audits and retrofit all town buildings, retrofit all streetlights, and complete pedestrian friendly walkways and paths to make connections between the town centers and school, rails to trails and post office, and to offer workshop to encourage homeowners to make their homes more energy efficient.

<u>Franklin</u> – December 21, 2005 (One paragraph on **Energy** in *Section IX-Transportation Issues, Regional Context, Hazard Mitigation and Energy*.)

This small section suggests that the state or city "think about ways to achieve greater energy efficiencies

for residential housing construction" while recognizing that this is addressed through existing PUC energy codes but more could be done. The few recommendations in this section have nothing to do with codes or increased building energy efficiency but address a Route 3/I-93 connector, hiking and recreational trails, regional economic development interests, implementation of the recommendations of the Hazard Mitigation Plan, and evaluation of the benefits of using innovative land use controls and performance standards for the construction of residential and commercial buildings.

Goshen – January 8, 2013 (see *Energy Resources* starting on page 80)

- Introduction (Community Attitudes, Goals);
- New Hampshire Statewide Energy Overview (Statewide Energy Use and Trends, Air Quality and Climate Change, Land Use, Transportation, and Energy);
- Municipal Energy Efficiency (Recent Energy-Related Achievements, Municipal Facility Energy Efficiency, Formation of a Local Energy Committee);
- Recommendations (Provide Municipal Energy Efficiency Leadership, Adopt Regulations and Ordinances to Promote Energy Efficient Development Practices)

Hampton Falls – June, 2011

- Introduction;
- Energy Efficiency and Conservation;
- Role of The Hampton Falls Energy Committee;
- Energy Efficiency;
- Recommendations

<u>Keene</u> – September 13, 2010 (There is not one Energy Chapter but energy is incorporated into the **Housing**, **Historic Resources & Cultural Heritage**, **Green Building**, and **Climate Change** chapters.)

Housing - Housing Design and Quality, Provide a Balanced and Diverse Housing Stock, Affordable Housing, Student Housing, Energy Efficient and Sustainable Housing

Historic Resources & Cultural Heritage - Economic Development and Historic Preservation, Energy/Green Building Guidelines for Historic Buildings, Adaptive Reuse, Heritage Planning & Historic Preservation, Arts, Cultural, & Environmental Heritage Tourism Program

Green Building - Sustainable Materials, Recycled/Reclaimed Materials, Local and Regional Goods and Materials, Green Building Guidelines and Standards

Climate Change - Greenhouse Gas Emissions Inventory, Consistent Emissions Inventorying and Reporting, Energy Efficiency, Renewable Energy, Adapting to Climate Change

Laconia – November 13, 2012

- Purpose
- Energy Approach for Laconia
- State Statutes and Plans related to Energy
- Existing Conditions (City of Laconia; The Energy, Land Use and Planning Connection; Current Trends and Initiatives in New Hampshire)

- Laconia's Energy Goals, Values and Vision (Energy future; Energy Challenges; Laconia's Energy Vision)
- Recommendations and Action Plan
- Appendices

Lancaster – April 13, 2011

- Challenges and Opportunities;
- Goal 8.1: Encourage energy efficiency and conservation to reduce demand for energy;
- Goal 8.2: Decrease energy usage in municipal buildings.

<u>Lebanon</u> – May 29, 2012

- Executive Summary;
- Vision & Purpose (Local, Regional and Statewide Context, Lebanon Energy Advisory Committee, Public Input & Community Support);
- Issues & Priorities (Energy Efficiency, Renewable Energy);
- Existing Conditions & Trends (Energy Projects & Commitments, Energy Use & Cost Inventory);
- Future Challenges & Opportunities (Regional Coordination & Leadership, Energy Efficiency, Renewable Energy Opportunities, Transportation, Commercial Sector, Land Use, Outdoor Lights, Policy Recommendations, Local Food & Agriculture, Education & Outreach, Financing, Measuring Progress, Sharing Success);
- Outcomes & Strategies

Littleton - October 19, 2010

- Introduction
- Energy Policy (1.1 Implementation 1.2 Historical Context)
- Early Efforts (2.1 Local Energy Committee Formed 2.2 State-Wide Momentum)
- Energy Conservation (3.1 Reduce 3.2 Reuse 3.3 Recycle 3.4 Rethink 3.5 Buildings 3.6 Transportation 3.7 Land Use And Managed Growth 3.8 Funding)
- Energy Efficiency (4.1 Audits 4.2 Office Practices 4.3 Carbon Challenge 4.4 Buy Local)
- Energy Sources
- Alternative Sources (6.1 Retrofits 6.2 New Construction)
- Recommendations (7.1 Organization 7.2 Conservation 7.3 Efficiency 7.4 Resources)

Merrimack - January 7, 2014

- Introduction
- Utilities and Energy Goals
- State Context
- Electrical Infrastructure (Energy Usage for Merrimack; Energy Efficiency Programs; Natural Gas)

- Telecommunication Infrastructure
- Public Water Supply (Merrimack Village District; Water Supply; Pennichuck Water Works)
- Recommendations

New Boston - updated July 2015

- Introduction (Purpose; Energy Conservation Related to Sustainability; New Boston Energy Goals)
- State Statutes/Plans Related to Energy (New Hampshire Climate Action Plan)
- Existing Conditions (State Energy Supply and Consumption; New Boston Energy Inventories/Audits; Renewable Energy; Transportation; Land Use; Building Codes)
- Planning Roles (State-Level Energy Agencies; State-Administered Energy Programs and Funding Mechanisms; Energy and Sustainability Agencies in New Boston; Current New Boston Initiatives)
- Issues and Concerns (Extant Challenges; Systemic Challenges)
- New Opportunities for Energy Efficiency (Opportunities in Renewable Energy)
- Recommendations
- Action Plan

New London – December 27, 2011

Chap. XIII Energy

- Purpose
- Historical Perspective
- What Are Energy Conservation, Energy Efficiency and Sustainable Energy?
- New London's Primary Areas of Energy Consumption
- Does New London Care, And What Does It Value Most?
- What is New London Doing About It?
- What More Can New London Do? Recommendations and Priorities (Municipal Facilities and Energy Use, Funding, Financing and Incentives, Land Use, Building Construction and Retrofits, Transportation, Community Outreach and Collaboration, Additional Resources)

Nottingham – October 10, 2012

- Overview—NH and Nottingham rely on Fossil Fuel
- State Energy Supply and Demand
- Nottingham Energy Use
- Residential Energy Use in Nottingham
- Municipal Energy Use in Nottingham
- Nottingham School Energy Use
- Residential and Municipal Opportunities to Reduce Energy
- Consumption (Renewable Resources, Energy Conservation, Implementing Building Energy Conservation, Transportation Energy Use in Nottingham Can Be Reduced, Encourage Compact Development)

• Action Plan (Vision Goal for Energy)

Plainfield - 2010

- Introduction
- Categories of Energy Use (Electricity; Thermal Energy or Heat; Transportation)
- Efficiency and Conservation
- Renewable Energy (General Characteristics; Renewable Energy In New Hampshire; Electricity Generation From Renewable Sources; Transportation and Renewable Energy)
- Energy and Planning
- Town Resources
- Plainfield Municipal Energy Use
- Recommendations

Rye – March 4, 2014

Chapter 7 – energy

- Introduction
- Vision
- Overview/Rationale
- Rye Energy Committee (Municipal Energy; Home Energy; Local Food)
- Energy Profile of Municipal Facilities
- Long-Term Planning For Energy Security and Sustainability
- Relationships Between Energy and Community Planning
- Recommendations

Sanbornton - April 18, 2013

Section V.

- Energy Objectives
- Energy Recommendations

<u>Sandown</u> – December 3, 2013 (adopted in 2012 but RPC updated/reformatted the entire master plan in 2013)

Chapter 10 – Energy

- Introduction (Purpose, What Is Energy Efficiency and Conservation, Rationale For Energy Efficiency and Conservation)
- The Sandown Energy Commission (Introduction to NH Local Energy Commissions, Mission Statement and Role, Goals of the Sandown Energy Commission, Energy Inventory and Audits, Sandown Energy Commission Partners, Energy Related Issues In The Community, Sandown Energy Commission Findings)

- Developing and Growing with Efficiency (Opportunities For Implementation, Community Energy Needs For The Future)
- Sustainable Growth and Development (What Is Sustainability?, Rationale For Sustainable Development, Planning For Sustainable Growth and Development, Sustainable Development Principles and Practices)
- Recommendations

Sandwich - February 17, 2011

- Overview
- State Energy Supply and Demand
- Sandwich Energy Use (Residential Energy Use in Sandwich, Residential Opportunities to Reduce Energy Consumption, Transportation Energy Use in Sandwich Can Be Reduced, Municipal Energy Use in Sandwich)
- Action Plan (Vision Goals Relating to Energy, Appendix ("The following chart displays the sources
 of energy used in New Hampshire and how much each of them provides to the total needs of
 the state." Source: USEIA)

Sugar Hill - May 7, 2014 (Energy policy stated in Chapter 5. Services, Facilities and Utilities.)

- Energy Policy
- Electric Service

Sullivan – December 3, 2014

- Purpose
- Statutes Related to Energy and Planning
- New Hampshire Climate Action Plan
- Energy Efficiency and Conservation: What has already been done.
- Renewable Energy
- Transportation
- Recommendations

<u>Temple</u> – (see *Energy Chapter for Temple Master Plan*, an appendix approved in 2010 located at the end of the document)

- Introduction
- State Statutes Related to Energy and Planning
- New Hampshire Climate Action Plan
- Energy Efficiency and Conservation
- Planning for Our Community
- Renewable Energy (Considerations in Our Region, Renewable Energy for Temple)
- Transportation
- Recommendations

• Appendix: Temple Municipal Energy Use, Regional and Community Energy Use, New Hampshire Energy Supply, Renewable Energy Use by Type and Sector in New Hampshire

Warner – May 16, 2011 (see Chapter 9 - Energy Resources)

- Introduction
- Community Perceptions and Needs
- Energy Committee Priorities and Actions
- Statewide Energy Use Overview
- Reducing Municipal Energy Use
- 2009 Energy Audit Results
- Other Energy Improvement Efforts
- Resources For Energy Improvements
- Regulatory Support For Energy Reduction
- Outreach As An Energy Conscious Community
- Summary
- Recommendations