



FROM THE GROUND UP: SUPPORTING LOCAL ENERGY COMMITTEES PROPOSAL TO THE NEW HAMPSHIRE CHARITABLE FOUNDATION – FEBRUARY 2008

OPPORTUNITY

In spring 2007, the Carbon Coalition's Town Meeting Initiative brought the issue of climate change to communities throughout New Hampshire through the work of 43 participating NGOs, chambers of commerce, and other civic associations, along with nearly 300 committed volunteers. Towns were urged to place a resolution calling for a strong federal response to climate change on the ballot at their annual town meetings: Over the course of the initiative, volunteers gathered 12,000 petition signatures, and placed the resolution on the ballot in 182 towns, 164 of which passed it.

People in many of these towns recognized a major opportunity to act locally on a global problem, and responded by forming Local Energy Committees (LECs): groups of citizens charged with assessing and improving community action on global warming and energy use. Since the Town Meeting Initiative, more than ninety LECs have emerged throughout the state, at various levels of technological capacity and political savvy. Some LECs were appointed by their town Select Boards, while others were self-organized. Many LECs have developed specific plans for their communities, while others still lack the organizational and technical skills to get started. To date, there has been very limited effort to connect the members of different LECs, and no coordinated effort to bring the resources of planning commissions, state agencies and NGOs to local citizens working to reduce their carbon emissions.

The Carbon Coalition believes that there is a real need for just this type of effort. Though discrete activities are taking place – envisioning a green public building in Randolph, planning for a solar panel on the new Stratham fire station, a biodiesel retrofit of city buses in Nashua, installing CFLs in 1,000 streetlamps in Claremont – aggregating and promoting separate visions, goals and results from communities and residents will generate excitement and yield the most far-reaching outcomes.

Carbon Coalition members Clean Air – Cool Planet (CA-CP), the Jordan Institute, Nashua Regional Planning Commission (NRPC), the New England Grassroots Education Fund (NEGEF), the New Hampshire Carbon Challenge™ (NHCC) and the Rockingham Planning Commission (RPC) plan to collaborate on this coordination effort. In every region of New Hampshire, we intend to leverage our collective and individual experiences, communications skills, organizing expertise and ever-expanding networks to realize significant, measurable improvements and transformative changes to the way people and communities use energy.

To this end, CA-CP, NHCC, NRPC and RPC are collectively requesting a one-year grant of \$100,000, through fiscal agent CA-CP, to coordinate the tools and services available to LECs through various Carbon Coalition and LEC Working Group member organizations

ORGANIZATION DESCRIPTIONS

The Carbon Coalition, a non-partisan group of citizens, community leaders, scientists, businesses and organizations, was formed in 2003 to endorse a sensible energy policy and deliver a message on the

importance of addressing climate change to presidential candidates traveling to New Hampshire. The coalition of participating organizations has grown from a core group comprising Clean Air-Cool Planet, Society for the Protection of New Hampshire Forests, New Hampshire Public Interest Research Group, Audubon Society of New Hampshire and the Appalachian Mountain Club to include more than 43 endorsing NGOs, chambers of commerce, regional planning commissions and other civic associations.

In addition to seeing the Climate Change Resolution passed in 164 communities and spurring the formation of eighty LECs, the Carbon Coalition has made over 230 presentations on climate change in New Hampshire through its Speakers' Bureau. Since February 28, 2007 we have:

- Connected dozens of volunteers with presidential candidates on hundreds of separate occasions;
- Brought four presidential candidates to address more than 550 attendees at a regional global warming conference on October 2007;
- Produced *Promises, Commitments and Priorities*, a pamphlet outlining what presidential candidates of both parties have said in New Hampshire related to global warming;
- Achieved recognition in the journal *Science*, which reported that the “run-up to the presidential primaries was a coming-out party for climate change, due to Al Gore’s Nobel Peace Prize and ... a two-year campaign by a group of scientists, civic leaders and environmental activists called the Carbon Coalition”; and
- Seen five members of its Steering Committee appointed to the New Hampshire Climate Change Policy Task Force.

With the Town Meeting Initiative, Carbon Coalition organizers demonstrated their ability to marshal the specific and shared interests of existing state environmental groups, professional associations, scientists and business leaders to bring volunteer resources to bear on spotlighting global warming as an important issue in anticipation of the presidential primary. Over the past 24 months, Carbon Coalition organizing has resulted in new and strengthened relationships, both with the “usual suspects” and with many surprise partners. More importantly, the collective effort of nearly 300 people gathering 12,000 petition signatures in 182 towns built one of the strongest, most diverse local networks in recent years – and these local connections are the key to communication, trust, and continuity.

The Local Energy Committee Working Group was formed in May 2007 to respond to the needs and inquiries of emerging LECs by helping to them to share ideas and look for ways to maximize their efforts to address local energy issues. Comprising members of the Carbon Coalition, the LEC Working Group already possesses the team-building experience, wide-ranging contacts and organizing expertise necessary to provide advice and hands-on assistance to towns interested in inventorying their greenhouse gas emissions, identifying goals and communicating plans and successes. The LEC Working Group and organizing staff will meet emerging demands by tracking and promoting available resources and connecting them to New Hampshire communities looking to address climate change on a local level. At this formative stage for local action on energy and greenhouse gas reductions, the LEC Working Group will focus on continued outreach, relationship building, technical assistance and coordination.

Clean Air-Cool Planet (CA-CP) is the fiscal agent for the Carbon Coalition. As the region's leading organization dedicated to finding and promoting solutions to global warming, CA-CP partners with campuses, communities, and companies throughout the Northeast to help reduce their carbon emissions; provides communities with the information they need to reduce their contribution to global warming through case studies, an online web resource, a community newsletter, and the opportunity to network and exchange information with other committed communities; and showcases practical climate solutions that demonstrate the economic opportunities and environmental benefits associated with early actions on climate change.

The Nashua Regional Planning Commission and Rockingham Planning Commission (NRPC and RPC) each serve in an advisory role to local governments in matters pertaining to community planning, including efficient land use, adequate transportation access, and environmental protection. Over the past 30 years, the regional planning commissions have demonstrated their ability to collaborate with numerous stakeholders, including land use boards, local officials, citizens and nonprofit organizations. Both regional planning commissions are experienced in drafting ordinances, developing master plans and facilitating community visioning through a technical and inclusive process. Their knowledge of sustainable planning principles and their experience working with local governments has allowed them to successfully forge strong relationships with local officials, administer numerous local technical assistance programs and establish themselves as leaders in innovative planning strategies.

The New Hampshire Carbon ChallengeTM (NHCC) originated as a grassroots residential outreach program and is now a partner of Carbon Solutions New England, a joint collaboration of the University of New Hampshire and CA-CP. NHCC is committed to providing New Hampshire residents with the information, tools and support necessary for households to reduce their residential carbon dioxide emissions by 10,000 pounds per year – roughly 20% of a typical New Hampshire household's annual emissions.

Since October 2006, NHCC's efforts have included ninety-four public presentations on climate change and residential action steps to almost 5,000 New Hampshire residents; development of a New England specific, action-oriented online Carbon EstimatorTM calculator to assist households in estimating their household's emissions; and creation of the Employee Carbon ChallengeTM program, an initiative providing company employees with education and training on reducing their household carbon emissions.

The New England Grassroots Education Fund (NEGEF), although not a part of this proposal, was included from the very beginning of the town meeting initiative as a small grant resource for local volunteers, and NEGEF's grant making and contact information was a part of the tool kit given to every town volunteer. NEGEF is part of the Carbon Coalition LEC Working Group. We know NEGEF desires to advance their grant making capabilities to NH local energy committees, and the entire LEC Working Group is enthusiastic about leveraging this grant making and helping NEGEF target the right opportunities.

The Jordan Institute, although also not part of this proposal, will be another close partner. The Institute participates in the LEC Working Group, and the organizations collaborating on this proposal anticipate that our outreach and education efforts will include information on Granite State Energy Efficiency (GSE2), a Jordan Institute-inspired program that aims to dramatically reduce greenhouse gas emissions associated with electric and natural gas use by decreasing demand for non-renewable

energy sources. GSE2 is a multi-year, \$711,000 project to develop a revolving loan fund for energy efficiency projects in all sectors, beginning with schools and municipal buildings.

WORKPLAN

Our primary objectives are to transform the enthusiasm and emerging activities of New Hampshire citizens to reduce energy use and greenhouse gas emissions into organized, measurable and regionally-based actions, and to help communities share their hurdles, benchmarks and successes with each other.

Our three main goals are: 1) to continue outreach and education to influence the behaviors of key audiences; 2) to impact public policy by leveraging our involvement with the Governor's Climate Change Task Force and by influencing the state's relationship with LECs; and 3) to service LECs by designing workshops and internet resources to share lessons and best practices, and by coordinating the delivery of technical services.

1. Continue outreach and education.

(Activities to be carried out primarily by NHCC, CA-CP, NRPC and RPC)

We will undertake several distinct activities in pursuit of this goal:

- *Implementation of Climate Champions Training Workshops.* Working with agency, municipal and NGO partners, we will hold a series of three workshops in 2008-09 to train 60-80 New Hampshire community members to give presentations on climate change and to organize New Hampshire Carbon Challenges in their communities. These presentations will be coordinated through existing Speakers Bureau efforts. Workshops will also include grassroots organizing skills.
- *Implementation of the Employee Carbon Challenge™.* As presenters and session hosts this year for the Manchester Chamber of Commerce and the New Hampshire Businesses for Social Responsibility annual conferences, NHCC will have an ideal platform to promote its Employee Carbon Challenge™.
- *Integration of the NHCC into COOL Monadnock, CA-CP's full scale, cross-sector regional pilot in southwestern New Hampshire.* NHCC will target the residential sector, while CA-CP works with local government, business and higher education, in order to fully engage communities in New Hampshire's Monadnock region.
- *Development and testing of "Climate Action Kits."* Pre-assembled starter kits of household energy efficiency products useful in taking the Challenge will be piloted and tested in the COOL Monadnock program and in other NHCC pilot communities.
- *Development of the "Roadmap to Reduction."* The Roadmap to Reduction will enable us to provide resources and tools to individuals who have "lost 10,000 pounds" in their household and now seek to do more through deeper reductions in their own emissions; engaging their friends, family, and neighbors; participating in their town's local energy committee; or taking a more active role in advocating for policy changes at the state and local level. As part of this "roadmap" we have plans to develop a new web-based tool to assist households in targeting a yearly reduction in their emissions over a five- to twenty-year time horizon. Recognizing we need to reduce our collective CO₂ emissions by 80% by 2050, this tool could help households participate in that objective by outlining actions that can reduce their emissions by 2-3%

annually. Although we have just begun conceptualizing this tool, we intend to work closely with Carbon Solutions New England (CSNE) in developing this resource, which could then be an input into CSNE's Decarbonizer model for analyzing effective strategies for reducing regional greenhouse gas emissions.

- *Regional energy collaboration.* Within the Nashua and Rockingham Planning Commission regions of New Hampshire, we will guide the formation of new LECs and will coordinate networking opportunities to help them learn from one another's experiences and develop strategies for addressing energy needs on a regional scale. These networking opportunities will include quarterly workshops for LECs, local officials, residents and other interested parties. The workshops will focus on municipal resolutions, performance contracting, ordinances, visioning and master plan writing. Methods used to accomplish this goal will vary between the NRPC and the RPC, but each regional planning commission will share their methods with one another and with other municipal and regional planners.

2. Impact public policy

(Activities to be carried out by CA-CP)

New Hampshire Department of Environmental Services Commissioner Thomas Burack has stated that the effort to create a statewide Climate Change Policy Task Force was born out of the votes at town meeting – an excellent outcome in its own right. But much still needs to be done: Senator Harold Janeway believes that, at present, there is little sense of urgency in New Hampshire government regarding climate change, and that the issue was “more tolerated than supported in the New Hampshire legislature.” As Jim O'Brien of the Granite State Conservation Voters states, “[The Regional Greenhouse Gas Initiative] is just the beginning, and a small beginning. If we are going to see real action and change, the mentality [in the legislature] needs to change.”

We do not plan to advocate for specific legislation as part of this project; rather, we intend to help bring the concerns of New Hampshire residents to the Climate Change Policy Task Force, educate citizens on the legislative priorities important to statewide advocates (such as the New Hampshire Sustainable Energy Association and Granite State Conservation Voters), and work with state agencies, legislators and civic organizations to help frame the future of local energy committees.

New Hampshire communities are primed to take aggressive action to reduce their greenhouse gas emissions: This phenomenon as it pertains to the southwestern New Hampshire city of Keene was the subject of a recent article in the *Boston Globe* (“Small N.H. city takes on global warming challenge,” 12/16/2007). As Beth Daley reports, “[Keene's] idea is to seed the city with visible green role models and have them reach out to friends, neighbors and co-workers – essentially using the same type of peer pressure that makes teens want to wear Ugg boots and North Face jackets.” In the COOL Monadnock program, institutional members of the LEC Working Group, the Southwest Region Planning Commission and Antioch New England Institute have already begun to work with several communities in the Southwest Region. Our relationships with people in many sectors across New Hampshire – together with a coordinated communications strategy incorporating our newsletter, website, workshops, speakers' bureau presentations and more – will create and advance a citizen's mandate in support of state leadership on climate change, energy efficiency and conservation.

The Carbon Coalition will convene the LEC Working Group monthly, and will continue to recruit additional representatives from New Hampshire communities and organizations, along with other

interested parties. In support of the LEC Working Group, we have also begun forming a statewide Advisory Panel, comprising professionals from Public Service of New Hampshire, Unitil, New Hampshire Electric Cooperative, the New Hampshire Association of Regional Planning Commissions, the New Hampshire Association of Conservation Commissions, Office of Energy and Planning, the Environmental Protection Agency, New Hampshire Department of Environmental Services, New Hampshire Public Health Association and selected chambers of commerce. These organizations and others can offer technical assistance and resources, reach out to communities at the wholesale level, and ensure a coordinated response in 2008.

CA-CP has already built, and will continue to maintain, a one-stop web resource to (found at www.carboncoalition.org/community/LocalCommittees.php) to link LECs to available agencies and communicate available services. Available on the website is version one of the *New Hampshire Handbook on Energy Efficiency and Climate Change* and the CA-CP Community Tool Kit. We are supporting the development of the New Hampshire Community Energy Project Wiki page (www.nhenergy.org), a project that was initiated by two of the Working Group members hearing the call for coordination of energy project efforts, and we are also developing a statewide database of LEC contacts (to date in 92 towns), and make this database freely available online.

Two part-time organizers will be required to coordinate external relations and implement the work plan. Presently we see the major organizing tasks to include the following: serve as the Carbon Coalition contacts to LEC volunteers; help organize the regional workshops that involve the LEC Working Group and Advisory Panel members; keep the Advisory Panel informed of new activities and outcomes; contact local town officials; maintain an LEC volunteer list; maintain website resource; draft new case studies as appropriate; assist with developing LEC resource guides; and prepare, market and maintain our Speakers Bureau and deliver semi-monthly e-newsletters to LEC stakeholders.

3. Service Local Energy Committees

(Activities primarily carried out by NHCC, CA-CP, NRPC and RPC)

The activities we will take to realize this goal will include:

- *Continued support for two NHCC pilots, the Oyster River Carbon Challenge and the Monadnock Carbon Challenge, as well as other local initiatives.* The Oyster River Carbon Challenge is moving forward with plans for a series of 5 to 10 “Carbon Cruncher House Parties” in which the host will receive a light “home energy makeover” identifying simple actions that can be taken to use energy more efficiently in their home. Recognizing that a typical home can reduce its energy consumption by 20% or more through actions that can be implemented in less than an hour and will save the homeowner at least \$300 a year, we intend to show attendees just how easy it is to make these changes. We will bring light bulbs and power strips and walk through the home identifying simple steps that can be taken to reduce emissions and energy costs. Attendees will be encouraged to take the NH Carbon Challenge and we will facilitate this by having laptop computers available for people to access our website and Carbon Estimator™ calculator. A follow-up party will also be held, perhaps with a home energy auditor, so that after guests have had a chance to look at how they use energy in their homes and how they might reduce their usage, they can receive personalized suggestions on how they can cut their emissions further. This second party also creates a support network for participants who want to develop sustainable energy practices in their home and would benefit from friends and neighbors reinforcing the actions and behaviors needed to achieve

their goal. In this manner, the second party is the “Weight Watchers” approach to household carbon reduction.

- *Direct support to 6-8 nascent LECs in the Nashua and Rockingham regions, along with 3-4 LECs in other parts of the state.* Nearly 40% of the LECs that have formed to date are located in these regions; for this reason, and because both areas have been designated as ozone non-attainment areas by the Environmental Protection Agency, we plan to initially devote a significant proportion of our resources to these two regions. With each LEC, we will conduct a baseline greenhouse gas emissions inventory, using the appropriate inventory software, and will calculate the community’s overall impact along with individual building performances. We will also help LECs develop local energy action plans, which will include the community’s vision for energy and climate change reduction, inventory data and performance-based goals. We will also support LECs by helping to addressing long-term financial assistance needs by applying for government grants or establishing local energy conservation trust funds to sustain local program efforts.

We will educate municipal and regional Planners throughout New Hampshire about energy programs occurring in their region and how to assist those communities in developing similar programs. Presentations at planning conferences and other venues will also be leveraged to provide education at all levels throughout the state using LEC Working Group members and our Speakers Bureau.

In order to gain full access to the appropriate software to conduct greenhouse gas emissions inventories in the NRPC and RPC’s respective regions, both commissions will become ICLEI-Local Governments for Sustainability members.

- *Advising citizens and local land use boards statewide on the formation of a local energy committee.* In the event that we identify a community that is interested in forming an LEC, but uncertain of how to get it off the ground, we will make ourselves available for meetings with citizens, local land use boards and other stakeholders and will provide advice and hands-on support to help them get started.

EVALUATION PLAN

We will evaluate the success of our various activities in accordance with the matrix below (also attached to this proposal as a .pdf):

Activity	Timeline	Lead Personnel	Evaluation
Workshops & presentations <ul style="list-style-type: none"> • Climate Champions Workshops • Speakers Bureau • External conference presentations¹ • Professional association presentations² 	<ul style="list-style-type: none"> • Trainings March 2008 through fall 2009 • Add to Speakers Bureau roster Spring 2008 • Promote Speakers Bureau spring and early summer 2008 	<ul style="list-style-type: none"> • Key Personnel (see list in narrative) • Volunteers in the Speakers Bureau 	<ol style="list-style-type: none"> 1. # and sectoral diversity of presenters trained 2. # of presentations and extent of regional coverage 3. Audience sizes, types, and sectors represented 4. Use of Carbon Estimator, website traffic 5. Referrals back to LEC Working Group 6. Promotion in controlled media (association

¹ NH Association of Conservation Commissions, Local Government Center, etc.

<ul style="list-style-type: none"> Employee Carbon Challenge³ Carbon Cruncher House Parties 	<ul style="list-style-type: none"> A comprehensive calendar is being populated at http://nhenergy.org Advisory Panel meeting summer 2008 		<p>newsletters etc.)</p> <ol style="list-style-type: none"> Requests for Climate Action starter kits Diversity (geographic, sectoral) of Advisory Panel
<p>Communications</p> <ul style="list-style-type: none"> E-newsletter for LECs Carbon Coalition community website Brochures Climate Action Kits Wiki (www.nhenergy.org) E-newsletter <i>Home Matters</i> 	<ul style="list-style-type: none"> Newsletter begins March 3 and continues semi-monthly Climate Action Kits: April 2008 LEC Working Group meets monthly Communication to Task Force beginning March 2008 	<ul style="list-style-type: none"> Emily Rocheleau with contributions from LEC Working Group members Climate Action Kits overseen by Dundorf, Koehler, Stephenson 	<ol style="list-style-type: none"> Size of newsletter distribution lists Website traffic Stakeholder feedback Activity levels & extent of adoption (actions taken as a result of newsletter; surveys from climate action kits; level of climate action kit distribution) 50% of LECs published on Wiki Relationships between LECs and Governor’s Task Force
<p>Local energy committee service</p> <ul style="list-style-type: none"> Assist with committee formation Direct support Engaging residences⁴ 	<ul style="list-style-type: none"> Outreach and scheduling ongoing 2008-2009⁵ Version 2 NH Energy Handbook summer 2008 	<ul style="list-style-type: none"> Angie Vincent Eric Steltzer Christa Koehler Additional LEC Working Group members 	<ol style="list-style-type: none"> Number of established committees Majority should be in the process of developing and reviewing aspects of action plans Evidence of state or federal or foundation grant assistance Number of presentations to municipal planners Participation at the residential level
<p>Development of the “Roadmap to Reduction.”</p>	<ul style="list-style-type: none"> Develop the CSNE Decarbonizer Household “Wedge”: spring 2008 through spring 2009 	<ol style="list-style-type: none"> Denise Blaha Julia Dundorf With CSNE⁶ 	<ol style="list-style-type: none"> Successful development & implementation of wedge Number and geographic distribution of households adopting new tool

FINANCIAL PLAN

Any funding received from the New Hampshire Charitable Foundation will be distributed to the other collaborating organizations in this grant, under the auspices of the Carbon Coalition, to support designated project staff and/or program staff time; travel, accommodation and conference expenses; and programmatic expenses including website and Wiki maintenance, production of brochures and newsletters, and Climate Action Kit supplies.

² For example, members of the LEC Working Group are presenting and April 29 in Las Vegas American Planning Association and May 15 to NH Planners Association in Nashua

³ First employee carbon challenge presentation Timberland March 2008

⁴ Several LECs in **Rockingham, Carroll, Strafford, Hillsborough, Cheshire and Coos** counties include in their strategies and goals outreach to residents and assistance with GHG and energy use reductions in the home

⁵ From inventory to action plan **a typical timeline is one year**. Small town inventories can be accomplished in as little as one month. Plans, presentations and level of local input and approval will influence this timeline on a case by case basis. Established protocols through ICLEI and EPA clean air and climate protection software are used.

⁶ Carbon Solutions New England is a joint collaborative effort of the University of New Hampshire and Clean Air-Cool Planet

ATTACHMENT #1
PROJECT BUDGET

FROM THE GROUND UP: SUPPORTING LOCAL ENERGY COMMITTEES One-Year Budget	
Expense Description	Amount
<i>Salaries and fringe</i>	
CA-CP VP for programs	\$9,000.00
CA-CP communities program manager	\$10,000.00
LEC organizer #1	\$17,500.00
LEC organizer #2	\$17,500.00
NHCC program director #1	\$6,000.00
NHCC program director #2	\$6,000.00
NHCC community coordinator	\$6,000.00
NRPC energy coordinator	\$12,000.00
RPC energy coordinator	\$12,000.00
<i>Travel and accommodations</i>	
Transportation**	\$5,000.00
Accommodations	\$1,000.00
Outside conference registration fees	\$1,500.00
<i>Miscellaneous expenses</i>	
Printing	\$5,000.00
Website setup and administration/Wiki page administration	\$5,000.00
Workshop and meeting costs	\$3,000.00
Postage and shipping	\$500.00
Programmatic materials and starter kit supplies	\$2,500.00
Office supplies	\$750.00
<i>SUBTOTAL</i>	\$120,250.00
<i>Administrative Overhead</i>	
Calculated at 9%	\$10,823.00
<i>TOTAL</i>	\$131,073.00

*Other funding in-hand that will be partially applied toward this project includes the Kendall Foundation, the Otto Fund, the Orchard Foundation, the Roy A. Hunt Foundation, the New Hampshire Charitable Foundation Piscataqua Region and the Jane B. Cook Charitable Trust and the Wallace Global Fund. Funding requests are also pending at the Environmental Protection Agency, Entergy and the Cox Trusts.

Assumes ground transportation within New Hampshire, charged a \$0.45/mile, travel expenses for speakers and carbon offsets. **The aggregated transportation costs associated with this project were reduced as a result of this collaborative proposal.

ATTACHMENT #2
 CLEAN AIR – COOL PLANET OPERATING BUDGET

PROGRAM DEVELOPMENT:		
Employee compensation		1,339,534
Professional fees		560,290
Communication expenses		46,686
Program materials		194,481
Travel and accommodations		79,610
Conferences and meetings		37,480
Office supplies and expense		36,550
Space costs		<u>152,485</u>
Total Direct Program Costs		\$ 2,447,116
SUPPORT COSTS:		
Employee compensation		244,779
Professional fees		22,500
Communication expenses		5,371
Program materials		2,160
Travel and accommodations		10,500
Conferences and meetings		8,800
Office supplies and expense		12,488
Space costs		<u>24,747</u>
Total Support Costs		\$ 331,345
TOTAL		\$ 2,778,461

ATTACHMENT #3
 CLEAN AIR – COOL PLANET BOARD LIST

- Peter Barden, Vice President, Mercury Public Affairs
- Bob Bechtold, President, Harbec Plastics
- Michael Bradley, President, MJ Bradley & Associates

- Roger Dower, *Vice Chair of the Board*, Executive Director of the Johnson Foundation
- Marianne Ginsburg, Former director of the Environment Program at the German Marshall Fund of the United States
- Ashok Gupta, Air & Energy Program Director, NRDC
- Stephen Hamburg, Professor, Brown University
- Kathy Loftus, *Clerk of the Board*, National Energy Manager, Whole Foods Market
- Adam Markham, CEO.
- Diana Maguire, *Treasurer of the Board*, Long-time Darien, CT resident, and former high level executive in the investment banking industry
- William Moomaw, Professor, Tufts University
- Charles O. Moore, Legislative Director for Oxfam America
- Claudia Schechter, Former Chief Financial Officer and Vice President for Operations of the National Park Foundation
- Theodore Smith, Executive Director, Henry P. Kendall Foundation
- Eric Svenson, *Chair of the Program Committee*, Vice President, Environmental Health and Safety, PSEG
- Susan Tierney, *Board Chair*, Managing Principal, The Analysis Group
- Dan Viederman, *Chair of the Governance Committee*, Executive Director, Verité

ATTACHMENT #4
KEY PERSONNEL

Denise Blaha: Denise is Co-Founder and Co-Director of The New Hampshire Carbon Challenge™ (NHCC), a University of New Hampshire (UNH) initiative committed to providing NH residents and communities with the information, tools and support necessary for NH households to reduce their residential carbon dioxide emissions by 10,000 pounds per year. She is also a research associate at the Institute for the Study of Earth, Oceans, and Space at the University of New Hampshire and is involved in a number of educational initiatives through the Coastal Ocean Observing Center at UNH. She was previously a researcher with the Global Atmospheric Chemistry group at UNH, studying anthropogenic sources of atmospheric methane. Denise has co-authored two chapters for the Earth Exploration Toolkit that are used by teachers throughout the U.S. to teach students about climate change. She is also a member of the Carbon Coalition Steering Committee and Speakers Bureau.

Julia Dundorf: Julia is Co-Founder and Co-Director of The New Hampshire Carbon Challenge™ (NHCC), a University of New Hampshire (UNH) initiative committed to providing NH residents and communities with the information, tools and support necessary for NH households to reduce their residential carbon dioxide emissions by 10,000 pounds per year. She is also a founding member of the Barrington Energy Task Force, a local energy committee founded after the adoption of the Climate Change Resolution, co-founder of the Rockingham/Strafford Energy Committee Alliance, a grassroots convening of established local energy committees in the NH Seacoast area, a member of the Carbon Coalition Steering Committee and Local Energy Committee Working Group and a member of the Cool Monadnock Steering Committee, an integrated collaborative lead by Clean Air – Cool Planet and Antioch New England Institute to work with the Monadnock region in NH to achieve a 10% reduction in greenhouse gas (GHG) emissions within three years.

Emily Rocheleau: Emily is a recent graduate of Saint Anselm College in Manchester, NH where she earned a B.A. in sociology and a certificate in Spanish. After a very active four years at Saint Anselm, Emily's passions include traveling, volunteering and politics. As a NH resident, it didn't take Emily long to become interested in the political scene. Before joining CA-CP and the Carbon Coalition in June of 2007 Emily interned with Priorities NH. As a grassroots organizer for the Carbon Coalition, Emily has coordinated volunteers and the Speakers Bureau for dozens of events throughout the state.

Eric Steltzer: Eric Steltzer is a Regional Planner at Rockingham Planning Commission in Exeter NH where one of his tasks is to assist communities with energy planning options. He has extensive experience in renewable energy, energy policy, and community engagement. Prior to his work at Rockingham Planning Commission, Eric received his Masters at the University of New Hampshire where his research focused on the Cape Wind Proposal off the shores of Massachusetts. Locally, Eric volunteers his time in his community as the chairperson of the Dover Energy Advisory Committee.

Roger Stephenson: An important part of Roger's work as the Vice President for Programs at CA-CP is acting as the project director for the Carbon Coalition. Roger has over 20 years of experience providing public relations counsel and expertise to corporate management, government agencies and non-profit executives. As Interior representative to the White House Council on Environmental Quality from 1995-1999, he managed overall program and policy development for President Clinton's American Heritage River initiative. Before serving in the Clinton administrations he was National Field Director for the League of Conservation Voters and later executive director of the LCV Education Fund at which time he managed the Florida Global Warming Education Project.

Angela Vincent: A Senior Regional Planner for the Nashua Regional Planning Commission, Angela has dedicated her career to Environmental Planning. She jumped into Energy Planning to reinvigorate Nashua's commitment to the Cities for Climate Protection Campaign by forming the Nashua Green Team. Now with NRPC, Angela is working on developing a Regional Energy Program and is still involved with the Green Team as the Chair.