



Central New York Regional Planning & Development Board

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Kathleen A. Rapp, Chair

David V. Bottar, Executive Director

CNY RPDB ANNUAL MEETING

December 12, 2012

9:00 am – 1:30 pm

Doubletree Hotel

6301 Route 298

East Syracuse, New York 13057

Chairwoman Kathleen Rapp, Presiding

AGENDA

-MORNING PRESENTATIONS AND ROUNDTABLE DISCUSSION-

(9:00-11:45)

- | | |
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| 1. Call to Order | Kathleen Rapp |
| 2. Approval of Day's Agenda and Minutes from the October 17, 2012 Meeting | Kathleen Rapp |
| 3. CNY Regional Sustainability Plan – Status Report | Chris Carrick |
| • Chris Carrick, CNY RPDB Energy Program Manager | |
| 4. CNY Greenhouse Gas Inventory Study Results | Lauren Pederson |
| • Lauren Pederson, ICF International | |
| 5. CNY Regional Energy Analysis and Recommendations – Consultant Study | Neil Webb |
| • Neil Webb, O'Brien and Gere Engineers | |
| 6. Net-Zero Building Design Demonstration Project | Fiona Cousins |
| • Fiona Cousins, Arup Design and Engineers | |
| 7. CNY Regional Sustainability Plan – Small Group Discussion of 2 nd Draft Of Goals, Strategies and Recommendations | Chris Carrick |

-BREAK-

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MINUTES

**Central New York Regional Planning and Development Board
Board of Directors Annual Meeting
December 12, 2012**

ATTENDANCE

Board Members: Cynthia Aikman, Daniel Dineen, Steven Lynch, Mary Ann Messinger, Jim Murphy, James Raffte, Kathleen Rapp, Danny Ross, William Southern, Michael Treadwell and Keith Welch.

Guests: Shere Abbott, Syracuse University; Bruce Bailey, AWS Trupower; Amanda Barber, Cortland County SWCD; John Bartow, NYS Tug Hill Commission; Chuck Bertuch, Bergmann Associates, PC; Diane Carlton, NYS DEC Region 7; Megan Costa, SOCPA; Patty Coulthart, NYS DOT; Jim Cunningham, Madison County; Jason Eaton, Grindstone Farms; Steve Eckler, O'Brien & Gere; Jim Fayle, Empire State Development; John Ferguson, Assemblyman Magnarelli's office; Adam Friedberg, Arup Design and Engineers; Tavia Gilbert, Onondaga County Water Authority; Ellis Guiles, TAG Mechanical; Isabelle Harris, Senator Defrancisco's office; Hugh Henderson, CDH; Kipp Hicks, Madison County IDA; Michael Hooker, Onondaga County Water Authority; John Lawyer, MACNY; Darek Letkiewicz, O'Brien & Gere; Michael Lotito, SUNY Oswego; Pilar Lyons, CDH Energy; Katie Malinowski, NYS Tug Hill Commission; John Manning, Earth Sensitive Solutions; James McKnight, Summerhill Biomass Systems; Rob Neimeier, O'Brien & Gere; Yolanda Pagano, O'Brien & Gere; Stephanie Pasquale, HomeHeadQuarters, Inc.; Lauren Pedersen, ICF International; Bob Petrovich, Onondaga County DOT; Jared Popoli, Cortland County SWCD, John Pumilio, Colgate University; David Reed, F.O.C.U.S; Doug Roll, SUNY Cortland; Christina Selvek, City of Auburn Department of Planning and Economic Development; John Smith, WAER Radio; Cassie Snow, ICF International; Philip Tennant, Guest; Cameron Thompson, Arup Design and Engineers; Mary Vanouse, Community Development; Kevin Voorhees, Barton & Loguidice; and Neil Webb, O'Brien & Gere.

Staff: Michael Alexander, David Bottar, Kathleen Bertuch, Christopher Carrick, James D'Agostino, Samuel Gordon, Bruce Keplinger, David Kubek, Aaron McKeon, Brian Pincelli, Carolyn Ramsden, Cindy Reilly, Michael Rosanio and Kay Wakeman.

BUSINESS MEETING

1. CALL TO ORDER

Chairwoman Kathleen Rapp called the meeting to order at 9:00am at the Doubletree Hotel in East Syracuse, NY.

2. APPROVAL OF MEETING AGENDA AND MINUTES

A motion was introduced and seconded to accept the agenda and minutes as presented; the motion was approved unanimously. Ms. Rapp explained the meeting format for the day and then introduced Chris Carrick, Energy Program Manager, to provide an update on the status of work on the CNY Regional Sustainability Plan.

3. PRESENTATION

Mr. Carrick began his remarks by reviewing the status of the initiative to support the development of regional sustainability plans for ten regions across the State under the auspices of the Governor's Office and the NYS Energy Research and Development Agency through a program titled the NYS Cleaner Green Communities Program. Mr. Carrick noted that the CNY RPDB's work on this program began in June 2012 and since that time a significant amount of progress has been made on drafting a sustainability plan for Central New York.

In reviewing a power point presentation, Mr. Carrick noted that according to State guidelines, plans must include a regional green house gas inventory and address eight policy areas including energy, infrastructure, economic development, environment, land use, materials management, climate adaptation, and governance. To help facilitate development of the plan, Mr. Carrick noted that the agency has engaged a number of consultants and formed a technical advisory committee to assist with effort.

Mr. Carrick noted that the GHG inventory has been completed and baselines have been established and the allocations have been distributed to all municipalities within the region. Work continues to be done on a GHG emission forecast and well as sustainability indicators.

Mr. Carrick noted that the agency has held four board meetings to direct work on the plan and that these meetings have been instrumental in helping staff draft goals and recommendations. Mr. Carrick also indicated that work on the plan has been assisted by a Technical Advisory Committee which has met five times over the course of the year, along with input that has been received from a series of focus group meetings that have been held in each county throughout the region.

Mr. Carrick went on to describe a website which has been established for this planning effort (www.visioncny.com) noting that the site contains an interactive quiz and survey instrument, project updates, and mapping function. Mr. Carrick noted that the website is designed to encourage residents in Central New York to participate in this planning process. Mr. Carrick also indicated that a survey was distributed to all of the municipalities in Central New York and approximately 30% of the municipalities have responded.

Following his presentation, Mr. Carrick introduced Lauren Pederson and Cassie Snow of ICF International to present their findings regarding the CNY Green House Gas inventory.

Ms. Pederson began her remarks by noting the presentation will focus on the work conducted over that past five months and will present the inventory development process, results, and an overall summary by community sector. Reference was made to a handout “Greenhouse Gas Inventory 101” and a brief review of the terminology.

Ms. Pederson explained that the inventory was based on the latest data available for the region based on the methodologies determined by the working group on weekly phone calls. She noted that the emissions estimates feed into the Cleaner Greener program and help to characterize emissions and establish baselines for future mitigation actions.

Ms. Pederson then reviewed some results noting data showing that in Central New York 9.9 million metric tons of carbon dioxide was emitted in 2010 with a majority of these emissions coming from energy use and an energy cost of \$2.45 billion dollars. Also noted was data comparing Central New York to the Southern Tier and the Mid-Hudson Valley for emissions and found that these regions tracked close to each other.

Ms. Pederson went on to review additional slides that showed a county wide breakdown on GHG emissions in CNY and noted that Onondaga County is responsible for 59% of emissions. Ms. Pederson also noted that on a per capita, that Central New York is well below the U.S. average for emissions at 22 metric tons of carbon dioxide equivalent per person.

Ms. Snow then reviewed the different sectors that were included in the inventory: stationary energy consumption; mobile energy consumption; agriculture; waste management; industrial processes and land use, land use change, and forestry (LULUCF). In closing, ICF noted the important takeaways from the results are that emissions are driven by population; that Central New York has relatively clean electricity due to nuclear and hydro power which contributes to lower per capita emissions, fuel consumed in buildings is dominated by natural gas and has low emissions, transportation is a major emissions source, and waste emissions are relatively low.

Neil Webb of O’Brien & Gere was introduced to present his findings regarding regional energy analysis and recommendations for the CNY Regional Sustainability Plan. Mr. Webb noted that as part of the consultant team work, O’Brien & Gere focused on the energy component, while AWS Truepower focused on solar and wind, CDH focused on CHP and district energy, First Sensitive Solutions focused on geo-thermal assessments, and Barton and Loguidice on solid waste and materials management.

Mr. Webb explained the preliminary estimates that were given when work first began six months ago have been refined through work with ICF International and utility companies. Mr. Webb noted they found there was an equal split on the balance of commercial, industrial and residential electricity usage, with Onondaga County being the largest consumer of electricity in the region, which is due to population.

In presenting his power point information, Mr. Webb noted that demographic data is helpful in benchmarking a community to surrounding areas. Overall, Mr. Webb explained that no single

county in CNY stands out regarding their per capita energy use with an annual average use 6750 kilowatt hours - which is below the New York State average.

Mr. Webb went on to discuss several other data sets including those regarding natural gas consumption in Central New York. Reference was also made to consultant recommendations for a range of alternative energy initiatives that should be pursued in CNY including solar, wind, combined heat & power, geothermal, and district energy. Mr. Webb concluded his remarks by noting the opportunities associated with several projects currently being discussed in the region including the Syracuse Inner Harbor, NYSERDA's residential penetration plan, and the Town of Preble Town Hall comprehensive energy retrofit project.

The last consultant introduced was Cameron Thompson from Arup Design and Engineers. Mr. Thompson began his comments with a brief overview of his firm and notable projects they have worked on in recent years. Mr. Thompson discussed the areas of focus for the regional plan and how similar projects completed by Arup may be implemented in the Central New York. Mr. Thompson discussed the projects and development opportunities which have potential to transform Central New York's environment and how the conceptual plans of these projects could meet the vision for sustainable development that is currently being discussed in CNY.

At the conclusion of Mr. Thompson's remarks, board members and guests were directed into a small group discussion format to review the draft goals, strategies, and project recommendations which have been prepared for the plan. Information discussed at each table was recorded by staff. Following the morning work session an informal luncheon was provided for the meeting participants.

4. EXECUTIVE DIRECTORS REPORT

David Bottar presented his Executive Director's report in the next segment following lunch. He gave a list of accomplishments and projects that were advanced in 2012. Items highlighted in his remarks included progress which has been made on the restoration of Onondaga Lake, completion of the new Centro bus transfer station and the SUNY ESF Gateway academic building, and Byrne Dairy's announcement regarding a major dairy processing facility at the Finger Lakes East Business Park.

Regarding agency work, Mr. Bottar noted ongoing staff work with the CNY Stormwater Management Coalition, completion of a series of green infrastructure design projects, management of the Pulaski North Jefferson Street Kallet Theater project, and completion of work on the Madison County Strategic Economic Development Plan. Also noted were activities associated with the distribution of \$750,000 in loan funds to eight companies in the region through the CNY Enterprise Development Fund and work associated with the agency's regional energy community outreach program.

5. KEYNOTE SPEAKER PRESENTATION

Mr. Bottar introduced the keynote speaker, Dr. Bruce Bailey, President and CEO of AWS Truepower, Inc., who was asked to provide a presentation regarding renewable energy and the opportunities and challenges facing communities in Central New York. Dr. Bailey began his remarks with a brief biographical review and a description of the wind and solar energy testing

that his company does worldwide. Dr. Bailey went on to review the current state of wind energy development across the country noting that currently 3% of the nation's electric energy is produced from large scale commercial wind farms. Dr. Bailey noted the strong growth trajectory for wind in this country will remain dependent upon a range of federal and state tax incentives.

Dr. Bailey also discussed solar energy noting that this industry is becoming a major business sector for his company's testing business across the globe. In commenting on solar, Dr. Bailey noted that the strong growth projections for this industry are being driven by significant reductions in costs associated with the manufacture of PV panels, which have decreased 50% in recent years. Dr. Bailey noted that California is leading the nation in terms of large scale installations. Also noted was the aggressive solar program which is being pursued by the state of New Jersey, which demonstrates that solar has strong potential for deployment in the Northeast. Dr. Bailey concluded his remarks by commending the CNY RPDB for its work on a regional sustainability plan and encouraged the agency to give strong consideration to wind and solar development in CNY in its policy recommendations.

6. RHEA ECKEL CLARK CITIZENSHIP AWARD

Chairwoman Kathleen Rapp took the podium to present posthumously the Rhea Eckel Clark Award to Walter Tennant, past Chair of the Central New York Regional Planning and Development Board. There to accept the award on behalf of the Tennant family was Mr. Philip Tennant, brother of Walter. Mr. Tennant offered his thanks and noted how his brother would have appreciated the award in recognition of his community service in Cortland County and throughout Central New York.

7. OLD/NEW BUSINESS

There was no information presented or discussed under old or new business.

8. OTHER BUSINESS AND ADJOURNMENT

There being no further business to discuss, a motion was introduced and seconded to adjourn the meeting; the motion was approved unanimously.

Respectfully Submitted,

James Rafte, Secretary