



Merrimack Valley
Planning Commission
*plan * develop * promote*

Going Green Regionally

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Executive Director



Regionalization Through a Regional Approach

“Targeted Regional Strategy”



Merrimack Valley Mayors & Managers Coalition

- Merrimack Valley Planning Commission
- Legislative Advocacy
- Procurement
- Regional Health District
- Regional Inspection Program
- Regional Energy Manager



Motivators

- Expertise: ESCO, LED, REC, STRETCH, TIC, EAP, EMS, BCAP, **EECBG**, DOER, ZNEB, EEAC, RGGI, ISO, PPA, AFVs, APS, RPS, LBE
- Capacity: Plant & Facility Manager



Purpose

- “Assist participating communities develop strategic energy conservation and generation plans. The manager monitors energy use and expenses for the communities, recommends behavioral changes to reduce energy use, recommends capital equipment upgrades to reduce energy and be the point person for the community and contactors for energy matters”



Manager Responsibilities

- Interface with energy committees
- Identify energy audit programs
- Assist communities implement audits
- Prepare energy bill audit and develop benchmarks
- Develop short and long term goals
- Develop Tactical Action Plan
- Develop technical specifications for bid packages to implement action plan



Administration

- MVPC
 - Vendor Procurement
 - Contracted with Vendor
 - Municipal agreements
 - Billing and Payments
- Municipalities
 - Funding: Clean Energy Choice, EECSBG, Collins Center, DLTA and local funds
 - Provide supervision and direction to vendor
 - Provide access to energy data



Targeted Regional Strategy

- ESCO
 - 11 Communities & 2 Regional School Districts
 - Joint procurement
 - Technical specifications & energy data
 - Shared overhead
 - “Allows a small community to think big”



Targeted Regional Strategy

- “BRIGHTFIELDS”
 - 9 Communities & 11 landfills
 - “Fatal Flaw” Analysis
 - Identify & Organize Options
 - Regional Renewable Energy Manager
 - Power Purchase Agreement



Targeted Regional Strategy

- Energy Procurement
 - Collectively Explore Buying Energy
 - Existing collaborations: GLEC & MMA
 - Deregulation
 - Daily/Cap Option



What's Next?

- Merrimack Valley Clean Energy Plan
 - Economic Development Administration (EDA) Grant
 - Develop Local Energy Strategies
- The Next Targeted Regional Strategy
 - Energy Conservation & Efficiencies
 - Wind Power
 - Hydropower
 - Solar Electric Photovoltaic & Thermal Hot Water
 - Landfill Gas/Co-generation
 - Biomass
 - Biofuels
 - Geothermal



“How to Get Started with Your Energy Program”

Moderator: Steven Weisman, Vice President - Peregrine Energy Group

Panelists:

Joanna Bissetta, Green Communities Coordinator, DOER

- **Resources Available to Assist Municipalities**

Thomas Donahue, Director of Municipal Programs, National Grid

- **Programs Available to Municipalities**

Molly Ettenborough, Energy Coordinator, City of Newburyport

- **Trials and Tribulations of Obtaining “Green Community” Status**



Green Communities Criteria Act

Criterion #1: Provide as-of-right siting in designated locations for renewable/alternative energy generation, research & development, or manufacturing facilities.

Criterion #2: Adopt an expedited application and permit process for as-of-right energy facilities.

Criterion #3: Establish benchmark for energy use and developed a plan to reduce baseline by 20 percent within 5 years.

Criterion #4: Purchase only fuel-efficient vehicles.

Criterion #5: Set requirements to minimize life-cycle energy costs for new construction; one way to meet these requirements is to adopt the new Board of Building Regulations and Standards (BBRS) Stretch Code.