

Town of DeWitt

# SUSTAINABILITY (GREEN) INITIATIVES

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## Restructuring Town Government

Reorganized and Consolidated  
Departments

Director of Sustainability

Boards, Commissions &  
Committees

Sustainability Policy

Policy Statement 1:

## Ensure Energy-Efficient and Environmentally Supportive DeWitt Town Codes, Plans and Policies

- ◎ Comprehensive Plan
- ◎ Zoning Code Update
  - Illegal to Export Fossil Fuel
  - Moratorium on Hydro-Fracking
  - Architectural Overlay District
  - Wetlands and Floodplain Protection
- ◎ Climate Smart Community Pledge

# Climate Smart Communities

The ten elements of the pledge are:

- 1. Pledge to Combat Climate Change by Becoming a Climate Smart Community**
- 2. Set Goals, Inventory Emissions, Move to Action**
- 3. Decrease Energy Demand for Local Government Operations**
- 4. Encourage Renewable Energy for Local Government Operations**
- 5. Realize Benefits of Recycling and Other Climate Smart Solid Waste Management Practices**
- 6. Promote Climate Protection Through Community Land Use Tools**
- 7. Plan for Adaptation to Unavoidable Climate Change**
- 8. Support a Green Innovation Economy**
- 9. Inform and Inspire the Public**
- 10. Commit to an Evolving Process**

# International Council for Local Environmental Initiatives – I.C.L.E.I.

- Inventory Green House Gas (GHG) Emissions
  - Town Facilities & Town Wide
- Established Base Year at 2008
- Set Goals for Town Facilities and Town Wide
- Implement Reductions

Policy Statement 2:

## Improve Energy Efficiency and Green Practices of Existing Town Building

### ⦿ Energy Audits

- Johnson Controls, Inc. (JCI)
- New York Power Authority (NYPA)
- New York State Energy Research and Development Authority (NYSERDA)
- National Grid

## Policy Statement 2 - Continued

### ● HVAC System

- New Computer Software
- Reset Controls (Summer & Winter Temperature Regulation)
- Duct work and Zone Modification



## Policy Statement 2 – Continued

### ◎ Additional Items

- Instantaneous Hot Water Heaters at Park Pavilions (Summer Only)
- Highway Truck Bay Controls (Heat Shuts Off When Doors Open)
- Reduced Number of Photocopiers (8 to 3), Printers (35 to 15) and faxes (7-0)
- Low VOC Paints
- No Pesticide Use
- Green Cleaning Products (Bulk Dispensers)
- Green Procurement Policy

## Policy Statement 3:

# Build Very Efficient New or Renovated Buildings

- ◎ Town Facility Lighting
  - Replace 3 T12 Watt Bulbs with 2 T8 Bulbs
  - 55% Reduction In Electricity
  - 144,644 lbs CO<sub>2</sub> Annually
  - 134,904 kW Annually
  - T8's cost 46¢ Less than T12's
  - T8's last 20% Longer
  - Sensor Lighting Controls



## Policy Statement 3 – Continued



### ◎ New Roof

- White Reflective Material
- Insulated
- 50 kW Polycrystalline Solar Panel System
- Will Supply 15% in Total Electricity

Policy Statement 4:

## Educate Employees About Sustainable Practices

- Director of Sustainability
- Town Naturalist
- New Recycling & Composting Practices
- Employee Manual, Policies, Standard Operating Procedures and Practices

## Policy Statement 5:

# Support the Reduction of Energy Use by Homeowners, Developers, and Landlords

- Solar and Wind Law
- Light Bulb Exchange Program
- Web Page Outreach
- Educational Displays at Town Events
- Information Racks at Town Facilities



Policy Statement 6:

## Reduce Dependence on Traditionally-Powered Vehicles

- Nitrogen Filled Tires
- Lightweight Vehicles
- Idle Reduction Software for Diesel Powered Trucks
- Redesign Snow Plow Routes; Lower Number of Trips
- Reduced Number of Garbage Trucks
- Larger More Efficient Lawn Mowers
- Planting Program for Town Properties and Rights-of- Way

## Policy Statement 7:

# Reduce Storm Water Runoff and Increase Storm Water Quality

- Created Wetland Buffer in Zoning Code
- Post-Development Runoff From 100 Year Storm  $\leq$  Predevelopment Runoff From a 10 Year Storm (Ley Creek Watershed)
- Reconstruction of Storm Water Pipes & Culverts to French Drain Systems
- Use of Porous Pavement Gutters and Low-Emissions Asphalt
- LIDAR Flyover for Watershed Elevations

## Policy Statement 7 - Continues

- Engineering & Modeling of Storm Water Drainage Systems
- Planning Stages of Green Space Detention Facilities
- Feasibility Analysis of Special Drainage District
- Formulation of Public Rain Barrel and Tree Planting Programs
- Green Infrastructure Promotion and Education
- Rain Barrels and Rain Gardens at Town Parks & Facilities



## Policy Statement 8:

# Encourage Green Economic Development

- Andres Duany Master Plan for Jamesville
- Seeking Redevelopment and Planning Grants for Former Alpha-Portland Cement Plant
- Carrier, New Venture Gear & Bristol Myers-Squibb Redevelopment Plans
- Street Lighting Purchase and Energy Efficient Conversion
- Municipal Power Feasibility

## Policy Statement 9:

### Include Sustainable Land Use and Transportation Practices in Town Zoning Ordinance & Comprehensive Plan

- Created Sidewalk and Bike Lanes on Major Road Projects
- Promote the Establishment of Sidewalk and Bike Lane Special District
- Aggressive Trails, Parks and Green Space Acquisition Policy (Fiddlers Green, Butternut Park, Meadowbrook Feeder Canal, Cedar Bay Park, Walker Property, 30 Acres Along Maple Drive, Carrier Park, Norwood Park, Nottingham Gas Station, Bridge to NYS Canal)
- Established Tree Committee
- Tree Ordinance
- Tree Planting Program
- Town Forest Management Plan

Policy Statement 10:

## Enhance Accessibility of Our Community to People With Disabilities

- ◉ Zoning Code Legislation (Inclusive Design & Aging In Place Accommodation)
- ◉ Zoning Board Review
- ◉ Planning Board Implementation
- ◉ Seniors Programming & Newsletter Education



THE END

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