

Town of Red Hook – Climate Action Plan
DRAFT OUTLINE

- I. History of Red Hook Sustainability Measures
- II. Summary of Greenhouse Gas Inventory/Methodology
- III. Process for Drafting Climate Action Plan
- IV. Community Measures
 - a. Residential
 - i. Participate in 10% Challenge
 - ii. Compact florescent bulbs
 - iii. Community garden
 - iv. Energy efficiency
 - 1. Free/low-cost home energy audit (NYSERDA)
 - 2. Financing energy efficiency improvements
 - a. Green Jobs-Green NY Financing
 - b. Energy Smart Loans
 - c. High Efficiency Measure Incentives
 - 3. Purchase ENERGY STAR products
 - 4. Central Hudson rebates
 - a. Air conditioner recycling
 - b. Central air conditioners
 - c. Central air-source heat pumps
 - d. Electric heat pump water heaters
 - e. Home sealing
 - f. Natural gas furnaces
 - g. Natural gas boilers
 - h. Indirect water heaters
 - 5. Promote Red Hook financing model
 - 6. Home weatherization for low income households/seniors
 - 7. Promote use of Kill-a-Watt
 - 8. Promoting energy-efficient appliances (ICLEI CAPPA software)
 - v. Energy */Climate and Air Pollution Planning Assistant/*
 - 1. Promote residential-scale renewable energy
 - a. Solar electric
 - b. Solar thermal (hot water heating)
 - c. Geothermal
 - d. Wind (possibly)
 - vi. Personal energy plans (Myenergyplan.net)
 - vii. Require HERS at time of sale (Home Energy Rating System)
 - viii. Building Code
 - 1. Low volatile organic compound (VOC) paint
 - 2. Contractor education for ENERGY STAR
 - ix. Water saving shower heads
 - x. High efficiency toilets
 - xi. Faucets

- xii. Plant trees
 - xiii. Low maintenance landscaping
 - xiv. Wash clothes in cold water
 - b. Commercial/Industry
 - i. Energy efficiency
 - 1. CH 0% on-bill financing for energy efficient lighting for small businesses
 - 2. NYSERDA FlexTech Energy Audit
 - 3. Central Hudson natural gas heating rebate
 - 4. Explore community-scale distributed generation (CHP)
 - ii. Renewable energy */Combined Heat and Power/*
 - 1. Solar electric
 - 2. Solar thermal (hot water heating)
 - 3. Geothermal
 - 4. Wind (possibly)
 - 5. Explore community-scale distributed generation (renewables)
 - iii. Chamber-appointed energy leader for businesses
 - iv. Promote use of low-VOC paint
 - v. Encourage green purchasing policies
 - vi. Encourage efficient delivery schemes
 - vii. Recycling
 - viii. Composting
 - ix. Tax deductions for commercial buildings
(http://www.energystar.gov/index.cfm?c=tax_credits.tx_comm_buildings)
 - c. Transportation
 - i. Bicycling
 - 1. Bike racks
 - 2. Bike lanes
 - ii. Promote carpooling/rideshare
 - iii. Install electric charging station
 - iv. Anti-idling laws
 - v. Start local bus service/coordinate with Bard
 - d. Waste
 - i. Promote zero-waste policies for public events
 - ii. Recycling
 - iii. Pay-as-you-throw
 - iv. Community waste audit
 - v. Plastic bag fee
 - e. Agriculture
- V. Municipal Measures
- a. Transportation
 - i. Police on bikes
 - ii. Promote employee biking/carpooling
 - iii. Fleets
 - 1. Reduce size
 - 2. Hybrid/efficient

- 3. Biodiesel
 - 4. School buses
 - a. CNG/biodiesel (Compressed Natural Gas)
 - b. Oxidation catalysts
 - c. Particulate traps (diesel)
 - iv. Promote Smart Growth principles
 - b. Buildings/Facilities
 - i. Energy efficiency
 - 1. CAPP measures (appliances, etc.)
 - 2. Use NYPA's Energy Services Programs (supports energy efficiency in publicly owned buildings)
 - 3. Seasonal lights (holiday, etc.)
 - 4. Lighting upgrades
 - 5. Occupancy sensors
 - 6. Explore community-scale distributed generation (CHP)
 - ii. Renewables
 - 1. Solar electric
 - 2. Solar thermal (hot water heating)
 - 3. Geothermal
 - 4. Wind (possibly)
 - 5. Explore community-scale distributed generation (CHP)
 - iii. Promote use of low-VOC paint
 - c. Infrastructure
 - i. LED traffic signals
 - ii. Non-asphalt roads
 - iii. Stormwater runoff; vegetation buffers
 - d. Community gardens
 - e. Composting
 - f. Recycling
 - g. Green purchasing policies
- VI. Youth/Student Actions
- a. [Attend annual Adirondack Youth Climate Summit (Nov. 9-10)]
 - b. Create household energy action plan
 - c. Promote recycling at school
 - d. Community garden/trees
 - e. Biking events
 - f. Promote carpooling/biking/school bus ridership
 - g. Establish annual Bard/schools event