



State Incentives for Achieving Clean and Renewable Energy Development on Contaminated Lands

The development of clean and renewable energy on formerly used land offers many economic and environmental benefits. Combining clean and renewable energy and contaminated land cleanup incentives can allow investors and communities to create economically viable clean and renewable energy redevelopment projects. This document provides information about incentives in your state that can be leveraged for clean and renewable energy and development of contaminated land.



Incentives for Clean and Renewable Energy

Funding (grants, loans, bonds, etc.)

On-Site Small Wind Incentive Program

www.powernaturally.com/Programs/Wind/incentives.asp?i=8

Provides up to \$150,000 per site in incentive payments for eligible new small wind systems. The payments are provided to an eligible installer of wind system models and passed on to the site owner.

New York Energy \$martSM Photovoltaic (PV) or Solar-Electric System Incentive Program

www.powernaturally.org/Programs/Solar/incentives.asp

Provides rebate of \$4 to \$5 per watt to eligible installers for the installation of approved, grid-connected photovoltaic (PV) systems. Maximum capacity is 50 kW. Incentives are available to eligible installers and must be passed on to owners of the PV system.

New York Energy \$martSM Loan Program

www.nysesda.org/loanfund/default.asp

Provides an interest rate reduction of up to 6.5% off a participating lender's or lessor's normal loan interest rate for a term up to 10 years on loans for certain renewable technologies. Loans may be provided for up to \$30,000 for 1-4 family homes, \$2.5 million for multi-family buildings, and \$1.5 million for commercial buildings.

NYSDERA Technical Assistance (PON 1047)

www.powernaturally.org/Funding/funding.asp?i=2

Provides a cost-share up to \$100,000 or ten percent of the applicant's annual energy cost, to facilities to study the feasibility of renewable energy generation. Funds the investigation of site-specific technical and economic feasibility of installing renewable electric generation.

Clean Energy Business Growth & Development (PON 1124)

www.powernaturally.org/Funding/funding.asp?i=2

Provides up to \$200,000 per project to promote projects that generate electricity from renewable energy.

Development of New Biofuels and Bioproducts (PON 1195)

www.powernaturally.org/Funding/funding.asp?i=1

Provides incentives to expand the commercial development of biofuels and bioproducts in New York. Planned to be offered beginning November 2007.

Tax Incentives (abatements, deductions, credits, etc.)

Solar, Wind, and Biomass Energy Systems Exemption

www.orps.state.ny.us/assessor/manuals/vol4/part1/section4.01/sec487.htm

Provides a 15-year real property tax exemption for real property that contains a solar, wind, or farm waste energy system approved by the State Energy Research and Development Authority.

LIPA – Solar Pioneer Program

www.lipower.org/solar

Provides a rebate of \$3.75 per watt for commercial customers in the territory of Long Island Power Authority (LIPA).

Technical Assistance and Other Incentives

Renewable, Clean Energy and Energy Efficiency Product Manufacturing Incentive Program (PON 1176)

www.powernaturally.org/RenewableEnergy.asp

Provides up to \$1.5 million per project to develop or expand a facility to manufacture renewable or clean energy products that produce or support the production of renewable or clean electricity.

Net Metering

www.dps.state.ny.us/distgen.htm

Allows net metering for qualifying residential and agricultural PV, biogas, and wind generation systems.

Quick Facts

Public Benefit Fund (PBF)	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
Renewable Portfolio Standard	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
24% by 2013		
Net Metering	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
*Only available for residential and agricultural		
Interconnection Standards	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>

Electric Power Industry Generation by Primary Energy Source (EIA, 2006)

Petroleum-Fired	4.8%	Nuclear	29.7%
Natural Gas-Fired	29.6%	Hydroelectric	19.2%
Coal-Fired	14.7%	Other Renewables	1.8%

Points of Contact

New York State Energy Research and Development Authority (NYSDERA) (Power Naturally), www.nysesda.org

On-Site Small Wind Incentive Program, Energy \$mart PV or Solar-Electric System Incentive Program, Energy \$mart Loan Program, NYSDERA Technical Assistance, Bio-Fuel Station Initiative, Clean Energy Business Growth and Development, Development of New Biofuels and Bioproducts, Renewable, Clean Energy, and Energy Efficiency Product Manufacturing Incentive Program
Marcia Ruth, info@nysesda.org, (518) 862-1090 ext. 3412

Office of Real Property Services (ORPS), www.orps.state.ny.us

Solar, Wind, Biomass Energy System Exemption
Contact the local municipal assessor's office.

Long Island Power Authority (LIPA), www.lipa.state.ny.us

Solar Pioneer Program, Energy Infoline (800) 692-2626



Incentives for Development of Contaminated Land



Funding (grants, loans, bonds, etc.)

Brownfields Opportunity Areas Program

www.dec.ny.gov/chemical/8650.html

Provides technical and financial assistance through grant funding to municipalities and community based organizations for up to 90% of eligible project costs, to complete revitalization plans and site assessments for specific property projects. Funding is based on project need and eligible state funding for the fiscal year application.

Environmental Restoration Program (ERP)

www.dec.ny.gov/chemical/8444.html

Provides grants to municipalities to reimburse up to 90% of on-site eligible costs and 100% of off-site eligible costs for site investigation and remediation activities. Funding amounts are project-specific and are made available from a \$200 million fund.

Brownfield Cleanup Program (BCP)

www.dec.ny.gov/chemical/8450.html

Provides technical assistance and liability comfort for the assessment and remediation of contaminated properties. The applicant reimburses all state staff technical assistance support and receives a Certificate of Completion (CoC) for liability comfort at the end of the project. The BCP also provides a credit for environmental remediation insurance of up to \$30,000 or 50% of the cost of the premium, whichever is less.

Tax Incentives (abatements, deductions, credits, etc.)

Empire Zones

www.tax.state.ny.us/sbc/empire_zone.htm

Provides multiple tax credits available within specific state-designated Empire Zones. A real property tax abatement of 100% tax abatement for up to seven years is provided for properties with improvements to real property. Technical assistance is also offered within these designated zones.

Brownfield Cleanup Program Tax Incentives

www.dec.ny.gov/chemical/8450.html

Provides three income tax credit opportunities, offering up to a 22% credit for assessment, cleanup, and redevelopment projects participating in the BCP and having received a Certificate of Completion. The Redevelopment Credit provides an income tax credit up to 22%, based on individual taxpayer or business and location of the site. Credits are applicable for the cost of site preparation; investigation and remediation costs; development or redevelopment of the site; and groundwater remediation. The Remediated Brownfield Credit for Real Property offers a 25% income tax credit based on job creation and location within an En-Zone. An Environmental Remediation Insurance Credit provides reimbursement up to \$30,000 or 50% of the costs of environmental insurance.

Limitations on Liability

www.dec.ny.gov/chemical/8450.html

Provides liability protection under a certificate of completion under the Brownfield Cleanup Program.

Quick Facts

Limitations on Liability	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>
Number of State-Tracked Contaminated Properties: Includes BCP, ERP, and VCP sites	1,330
Number of EPA CERCLIS Sites: Sites identified for potential investigation under the federal Superfund Program	495
Number of EPA Brownfields Properties: Properties being funded or addressed under the EPA Brownfields Program	235

There may be some overlap among the categories listed and sites listed may not represent all potentially contaminated sites in New York.

Points of Contact

New York Department of Environmental Conservation

www.dec.ny.gov/chemical/brownfields.html

Brownfields Opportunity Areas Program, Environmental Restoration Program, Brownfield Cleanup Program, Brownfield Cleanup Program Tax Incentives

derweb@gw.dec.state.ny.us, (518) 402-9764

Empire Zones

New York State Tax Department, www.tax.state.ny.us