



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.)

Renewable Energy Fund (REF)

www.riseo.ri.gov/riref

Provides low-interest loans and re-payable grants to support renewable energy systems.

REF: Photovoltaic Solar Opportunity

www.riseo.ri.gov/riref

Provides partial grants, up to \$5 per watt for businesses and \$7 per watt for non-profit and government institutions, for the installation of solar photovoltaic systems of at least 5 kW on commercial, industrial, and institutional buildings.

REF: Wind Power Opportunity

www.riseo.ri.gov/riref

Provides grant and technical assistance for the development and construction of wind turbines located on-site at a commercial, industrial, or institutional property. Funding may also defray the actual cost of the wind turbine. Proposals are evaluated on a case-by-case basis.

REF: Incentives for Residential/ Small Commercial Customers

www.riseo.state.ri.us/riref/programs/marketsupport.html

Offers financial incentives to in-state retail electricity suppliers who make green-power products available to residential and small business consumers before June 30, 2008. The incentives are distributed on a first-come, first-served basis at a rate of \$125 per customer for the first 6,000 customers statewide, and \$75 per customer thereafter until funds are fully allocated.

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

Sales Tax Exemption for Renewable Energy

www.energy.ri.gov/programs/renewable.php

Provides an exemption from the state's sales and use tax for certain renewable energy systems and equipment, including solar electric systems, geothermal heat pumps, and wind turbines and towers. See Title 44: Taxation, Chapter 18: Sales and Use Taxes § 30, (57).

Technical Assistance and Other Incentives

Renewable Energy Certificate Incentive

www.massenergy.com/Solar.REC.Sale.html

Mass Energy and People's Power & Light purchases renewable energy certificates (also known as green tags) at a rate of \$60 per MW-hour (or \$0.06 per kWh) from photovoltaic (PV) systems in Rhode Island for three years.

RIWINDS, RI Wind Alliance, RI Wind Mapper

www.energy.ri.gov/programs/renewable.php

In 2006, Rhode Island established the RIWINDS program to promote the development of wind energy in the state. Governor Carcieri set a goal of obtaining 20% of the state's energy from renewable resources by 2011. See RIWINDS Wind Energy Siting Study at: www.energy.ri.gov/documents/independence1/RIWINDSReport.pdf. The Wind Alliance working group and Wind Mapper provide additional information on wind resources in Rhode Island.

Net Metering

www.ripuc.state.ri.us

Rhode Island investor-owned utilities offer net metering to all customers generating electricity with renewable energy systems or fuel cells of 1MW or less (1.65 MW for systems owned by cities, towns or the Narragansett Bay Commission).

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"/>
16% by 2020		
Net Metering	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
Interconnection Standards	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>
Electric Power Industry Generation by Primary Energy Source (EIA, 2006)		
Petroleum-Fired	0.5%	Nuclear 0%
Natural Gas-Fired	96.9%	Hydroelectric 0.1%
Coal-Fired	0%	Other Renewables 2.5%

Points of Contact

Office of Energy Resources, www.energy.ri.gov
Renewable Energy Fund, Renewable Energy Programs, Sales Tax Exemption, RIWINDS, Wind, Alliance, RI Wind Mapper
Julie Capobianco, JulieC@energy.ri.gov, (401) 574-9111

Public Utilities Commission

Net Metering

Thomas Ahern, tahern@ripuc.state.ri.us, (401) 941-4500

Mass Energy and People's Power & Light

www.massenergy.com

Renewable Energy Certificate Incentive

Kelly Muellman, kelly@massenergy.com, (617) 524-3950



Incentives for Development of Contaminated Land



Funding (grants, loans, bonds, etc.)

Remedial Agreement Including Covenant Not to Sue

www.dem.ri.gov/programs/benviron/waste/

A remedial agreement that includes a covenant not to sue may be entered into by the state and a party that has taken their project far enough through the Remediation Program to receive a Remedial Decision Letter. The final covenant not to sue may, at the discretion of the state, be transferred to successors that are not responsible parties.

Targeted Brownfields Assessment (TBA)

www.dem.ri.gov/brownfields/financial/index.htm#targetted

Provides environmental assessments of brownfield properties for public or non-profit organizations (that partner with a public entity) acting as voluntary parties and that have redevelopment plans for a brownfield site. Recipients will receive a Site Investigation (SI) Report that will describe any potential environmental contamination on the property and put forth recommendations for the next phase of investigation, if necessary. Applications are accepted on a first-come, first-served basis.

Brownfields Cleanup Revolving Loan Fund (RLF)

www.riedc.com/riedc/business_services/12/60/#additional

Provides low-interest loans from \$50,000 to \$200,000, at below market rates and a maximum loan term of five years, to remediate eligible brownfield sites. Public, private, or non-profit entities are eligible. Grants are also available for non-profit organizations or eligible public entities.

Limitations on Liability

www.dem.ri.gov/brownfields/documents/

Provides liability protection (covenant not to sue) to property owners against contamination found on site after cleanup and redevelopment, unless the contamination occurs after cleanup, under the Industrial Property Remediation and Reuse Program.

Quick Facts

Limitations on Liability	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>
Number of State-Tracked Contaminated Properties: Includes current and completed Voluntary Cleanup Sites	774
Number of EPA CERCLIS Sites: Sites identified for potential investigation under the federal Superfund Program	156
Number of EPA Brownfields Properties: Properties being funded or addressed under the EPA Brownfields Program	84

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

Points of Contact

Department of Environmental Management (DEM)
Remedial Agreement including Covenant Not to Sue
Kelly Owens, kelly.owens@dem.ri.gov, (401) 222-2797

Brownfields Program, TBAs
Cynthia Gianfrancesco, cynthia.gianfrancesco@dem.ri.gov,
(401) 222-2797

Rhode Island Economic Development Corporation (RIEDC)
www.riedc.com/ri/index.html

Brownfields Cleanup RLF
William J. Parsons, wparsons@riedc.com, (401) 278-9100 x130