



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.)

Biogas and Biomass to Energy Grant Program

www.commerce.state.il.us/dceo/Bureaus/Energy_Recycling/Energy/Clean+Energy/01-Biogas+and+Biomass.htm

Provides 50% cost-share for energy feasibility studies or for installation of equipment for projects designed to use biogas or biomass to produce electricity with combined heat and power (CHP) through gasification, co-firing or anaerobic digestion technologies. Maximum grants available for feasibility studies, biogas projects, and biomass projects are \$2,500, \$225,000, and \$500,000, respectively.

Solar Thermal Incentive Program

www.illinoisbiz.biz/dceo/Bureaus/Energy_Recycling/Energy/Clean+Energy/03-Thermal_incentive.htm

Provides grants up to 30% of a project cost (maximum grant is \$400,000) for the purchase and installation of solar thermal systems with a cost of at least \$50,000. Funding is not provided for photovoltaic (PV) systems.

Wind Energy Production Development Grant Program

www.illinoisbiz.biz/dceo/Bureaus/Energy_Recycling/Energy/Clean+Energy/04-wind_energy.htm

Provides up to \$25,000 in grants for new wind energy production projects of at least 0.5 MW of capacity.

Illinois Clean Energy Community Foundation Grants

www.illinoiscleanenergy.org/grants.asp

Provides grants to programs and projects that improve energy efficiency, develop renewable-energy resources, and preserve and enhance natural areas and wildlife habitats in Illinois. Eligible renewable technologies include solar water heat, solar thermal process heat, PV, wind, biomass, and fuel cells.

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

Commercial Wind Energy Property Valuation

www.ilga.gov/legislation/95/HB/PDF/09500HB0664lv.pdf

Values wind energy devices larger than 500 kW and producing power for commercial sale at \$360,000/MW of capacity (adjusted annually for inflation) for property-tax purposes. Physical depreciation allowance may not exceed 70% of the trended real property cost basis.

Special Assessment for Solar Energy Systems

www.ilga.gov/

Values solar energy equipment at no more than a conventional energy system for property-tax purposes when properly registered.

Technical Assistance and Other Incentives

Illinois Conservation and Climate Initiative – Methane Capture

<http://illinoisclimate.org/>

Provides greenhouse gas emissions credits to landowners who capture methane with eligible methane digesters (those that were in operation any time after 1999 and have installed biogas flow monitoring and/or electrical metering equipment). Methane is credited at 21 metric tons of CO₂ per ton of methane, per year. All credits are traded on the Chicago Climate Exchange.

Illinois Renewable Energy Association

www.illinoisrenew.org/index.htm

Provides network for sharing ideas, resources and information to promote renewable energy, energy efficiency, and earth-friendly technology.

Illinois Solar Energy Association

www.illinoisolar.org/

Provides energy education to the Illinois public and promotes the widespread application of solar, renewable and sustainable energy methods and technologies.

Net Metering

www.ilga.gov/

Available to electric customers that generate electricity using solar energy, wind energy, biomass energy and hydropower, and fuel cells and microturbines powered by renewable fuels with systems up to 40 kW in capacity. Dual metering is required for nonresidential customers with systems greater than 40 kW and up to 2 MW.

Quick Facts

Public Benefit Fund (PBF)	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
Renewable Portfolio Standard 25% by 2025	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
Net Metering	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
Interconnection Standards	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>

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

Petroleum-Fired	0.1%	Nuclear	48.9%
Natural Gas-Fired	2.8%	Hydroelectric	0.1%
Coal-Fired	47.6%	Other Renewables	0.4%

Points of Contact

Illinois Department of Commerce and Economic Opportunity

www.commerce.state.il.us/dceo/

Biogas and Biomass to Energy Grant, Wind Energy Production Development Grant, Commercial Wind Energy Property Valuation, and Special Assessment for Solar Energy Systems

William S. Haas, William.Haas@illinois.gov, (312) 814-4763

Solar Thermal Incentive Program

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Illinois Clean Energy Community Foundation Grants

www.illinoiscleanenergy.org

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Illinois Conservation and Climate Initiative – Methane Capture

<http://illinoisclimate.org/>

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Illinois Renewable Energy Association

www.illinoisrenew.org/, Sonia Vogl, sonia@esssex1.com, (815) 732-7332

Illinois Solar Energy Association

www.illinoisolar.org/, contactisea@illinoisolar.org, (312) 376-8245



Incentives for Development of Contaminated Land



Funding (grants, loans, bonds, etc.)

Municipal Brownfields Redevelopment Grant Program

www.epa.state.il.us/land/brownfields/brnasst2.html

Offers municipalities grants of up to \$240,000 for investigation and cleanup of brownfields. Sites must be enrolled in the Site Remediation Program and investigation/cleanup activities must be approved. Grant funds are awarded to the municipality, but can be used at privately held property. The grant has a 70/30 match requirement.

Brownfields Cleanup Revolving Loan Fund (RLF)

www.epa.gov/brownfields/cities/illinois.htm

Offers \$3.5 million for stipulated loans up to \$425,000 per site to municipalities to clean up former industrial commercial or industrial sites. Sites must be enrolled in the Site Remediation Program and investigation/cleanup activities must be approved. The municipality must own the site.

Limitations on Liability

Site Remediation Program (SRP) No Further Remediation (NFR)

www.epa.state.il.us/land/more-info-about-bol.htm#Office-of-Brownfields-Assistance

Issues an NFR letter, which signifies a release from further responsibilities under the Illinois Environmental Protection Act, when an applicant has complied with the Site Remediation Rules and Tiered Approach to Correction Action Objectives (TACO) and the site has been sufficiently cleaned so that it no longer presents a significant risk to human health or the environment.

Leaking Underground Storage Tank (UST) No Further Remediation

www.epa.state.il.us/land/more-info-about-bol.htm#Office-of-Brownfields-Assistance

Issues an NFR letter, which signifies a release from further responsibilities under the Illinois Environmental Protection Act, once remediation objectives and program requirements (as defined by the Leaking UST Section of the Illinois Bureau of Land) are met.

Quick Facts

Limitations on Liability	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>
Number of EPA CERCLIS Sites: Sites identified for potential investigation under the federal Superfund Program	464
Number of EPA Brownfields Properties: Properties being funded or addressed under the EPA Brownfields Program	258
<i>There may be some overlap among the categories listed and sites listed may not represent all potentially contaminated sites in Illinois.</i>	

Points of Contact

Illinois Environmental Protection Agency
www.epa.state.il.us/
Municipal Brownfields Redevelopment Grant Program, Brownfields Cleanup RLF
 Steve Colantino, Steve.Colantino@illinois.gov, (217) 785-3497
SRP NFR
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