

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.)

Direct Loan Program of the West Virginia Economic Development Authority (WVEDA)

www.wv.gov/Offsite.aspx?u=http://www.wveda.org

Provides loans in the minimum amount of \$50,000 and a maximum amount of \$10 million. Financial assistance is available to participate in the financing of fixed assets for business classifications currently targeted by the West Virginia Development Office meeting WVEDA's job creation criteria. The applicant may be an existing or prospective West Virginia business.

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

Special Assessment for Wind Energy Systems

www.awea.org/smallwind/westvirginia_sw.html#Local%20or%20State%20Incentive%20Programs%20for%20Wind%20Energy%20Investments

Lowers the property tax on utility-owned wind turbines from 79% to 5% of assessed value.

Technical Assistance and Other Incentives

West Virginia Renewable Energy Program

www.energywv.org/community/renewable.html

Advances the use of West Virginia's wind and renewable resources through technical assistance and public-private partnerships. The program can assist developers by providing detailed wind maps, interfacing with West Virginia utilities, and contacting local economic developers.

Tax Exemption for Wind Energy Generation

www.awea.org/smallwind/westvirginia_sw.html#Local%20or%20State%20Incentive%20Programs%20for%20Wind%20Energy%20Investments

Lowers the Business and Operation Tax (B&O) on utilities using wind-power generation. For most types of electricity-generating units, the B&O tax is 40% of the generating capacity; the B&O tax on a wind turbine is 12% of the generating capacity of the turbine.

Industrial Expansion and Industrial Revitalization Credit for Electrical Power Producers

www.state.wv.us/taxrev/uploads/schi.pdf

Provides a tax credit for power generation companies that make investment in new, expanded, or revitalized generation facilities. The credit is equal to 10% of the qualified investment and may be used to offset up to 50% of annual liability for Business Occupation Tax, Severance Tax, and Business Tax.

Net Metering

www.psc.state.wv.us/

Applies to residential and commercial systems up to 25 kW capacity that generate electricity using any renewable resource.

Quick Facts

Public Benefit Fund (PBF)	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>
Renewable Portfolio Standard	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>
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	0.2%	Nuclear	-
Natural Gas-Fired	0.4%	Hydroelectric	1.7%
Coal-Fired	97.5%	Other Renewables	0.2%

Points of Contact

Direct Loan Program of WVEDA

David Warner, dwarner@wveda.org, (304) 558-3650
Joey Browning, jbrowning@wveda.org, (304) 558-3650

Special Assessment for Wind Energy Systems, Tax Exemption for Wind Energy Generation, Industrial Expansion and Industrial Revitalization Credit for Electrical Power Producers

Mark Muchow, mmuchow@tax.state.wv.us, (304) 558-8730

West Virginia Renewable Energy Program

Jeff Herholdt, jherholdt@wvdo.org, (304) 558-2234

Net Metering

Jim Ellars, jellars@psc.state.wv.us, (304) 340-0331



Incentives for Development of Contaminated Land



Technical Assistance and Other Incentives

Northern and Southern WV Brownfields Assistance Centers

www.wvbrownfields.org/wvbrownfieldsProgram/about/default0.htm

Provides technical assistance to eligible entities undertaking brownfields redevelopment efforts. Some support options include: property acquisition; serving as a developer of a property to manage remediation and redevelopment; maintaining an inventory of brownfields sites; providing training and technical assistance on brownfields development, grant writing, site assessments, remediation, community involvement, and site preparation; administering federal brownfields assistance programs; and coordinating with the West Virginia Development Office and Department of Environmental Protection.

Limitations on Liability

West Virginia Voluntary Remediation Program (VRP)

www.wvdep.org/item.cfm?ssid=289&ss1id=500

Provides Certificates of Completion (COC) that provide liability relief for entities enrolled in the VRP. Once the VRP agreement is executed, the state is barred from conducting any enforcement actions against the applicant for the site and any contamination on the site, unless there is an imminent threat to public health.

Quick Facts

Limitations on Liability	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>
Number of State-Tracked Contaminated Properties:	183
Includes Urban Sites Remedial Action Program, Voluntary Remediation Program, and Property Transfer Program sites	
Number of EPA CERCLIS Sites:	177
Sites identified for potential investigation under the federal Superfund Program	
Number of EPA Brownfields Properties:	84
Properties being funded or addressed under the EPA Brownfields Program	

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

Points of Contact

Northern West Virginia Brownfields Assistance Center

Patrick Kirby, Patrick.Kirby@mail.wvu.edu, (304) 293-2867 Ext. 5418

Southern West Virginia Brownfields Assistance Center

George Carico, carico@marshall.edu, (304) 696-5456

West Virginia Voluntary Remediation Program

Ken Ellison, kellison@wvdep.com, (304) 926 0455 Ext. 1263