



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.)

Power Project Loan Fund

www.akenergyauthority.org/programsloan.html

Provides loans to local utilities, local governments, regional and village corporations, village councils, nonprofit marketing cooperatives, and independent power producers. Designed for the development or upgrade of small-scale power production facilities, conservation facilities, and bulk fuel storage facilities. This includes energy production, transmission and distribution, and waste energy conservation facilities that depend on fossil fuel, wind power, tidal, geothermal, biomass, hydroelectric, solar, or other non-nuclear energy sources. Interest rates vary between tax-exempt rates at the high end and zero on the low end.

Southeast Alaska Revolving Loan Fund (RLF)

www.jedc.org/rjf.htm

Offered through the Juneau Economic Development Council (JEDC), the Southeast Alaska RLF offers loans on an amount-requested basis to help businesses cover financing gaps. The JEDC operates several community-based loan funds and one region-wide loan program that serves smaller communities throughout Southeast Alaska. The program's total loan capital is about \$4 million, with approximately half that amount designated for projects in Juneau. Funding is geared toward "viable projects that create and retain quality jobs and help to diversify local economies in Southeast Alaska."

Technical Assistance and Other Incentives

Alaska Energy Authority – Anemometer Loan Program

www.akenergyauthority.org/programwindlanemometerloan.html

Supplies meteorological towers, data logging equipment, and technical support to utilities and communities interested in wind power production. Wind resource potential is quantified by collecting wind speed and direction data, as well as temperature for air density calculations. These data allow for more precise modeling and feasibility studies, and are often required by potential project funding sources.

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 type="checkbox"/> No <input checked="" 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	11.5%	Nuclear	-
Natural Gas-Fired	60.8%	Hydroelectric	18.3%
Coal-Fired	9.2%	Other Renewables	0.1%

Points of Contact

Power Project Loan Fund

Bruce Chertkow, bchertkow@aidea.org, (907) 771-3037

Southeast Alaska Revolving Loan Fund (RLF)

Juneau Economic Development Council, Southeast Alaska RLF Director, Margaret O'Neal, (907) 523-2326

Alaska Energy Authority – Anemometer Loan Program

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Contaminated Land Development State Incentives



Funding (grants, loans, bonds, etc.)

Alaska Brownfields Program

www.dec.state.ak.us/spar/csp/brownfields.htm#assess

Conducts environmental site assessments at potential brownfield sites. The AK Brownfields Program was established under the Alaska Department of Environmental Conservation's (DEC) Contaminated Sites Program. Awarded through an application process, these assessments are intended to help reduce the environmental uncertainties that may hinder the reuse or redevelopment of brownfields.

Alaska Community Development Block Grants (CDBG)

www.commerce.state.ak.us/dca/grt/blockgrants.htm

Provides single-purpose project grants, at a maximum of \$850,000 per community, awarded to Alaskan communities for public facilities and planning activities that address issues detrimental to the health and safety of local residents and reduce the costs of essential community services. There are three basic grant funding categories: community development, planning, and Special Economic Development. Funding is utilized based on applicant need—including uses such as energy facility upgrades (to improve efficiency) and site cleanup.

Limitations on Liability

Alaska DEC Contaminated Sites Program – No Further Action/No Further Remedial Action Planned Determinations

<http://dec.alaska.gov/spar/csp/index.htm>

Provides a No Further Action determination by the DEC for sites that meet the most stringent cleanup criteria, and No Further Remedial Action Planned decision for sites that meet acceptable risk-based criteria for that site. The state is evaluating the implementation of Conditional Closures for sites that require continued or long-term management of land-use controls that may be associated with the risk determination for that site.

Streamlined Cleanup Program – Closure Letter

<http://dec.alaska.gov/spar/csp/scp.htm>

Allows owners to clean up contaminated sites with an emphasis on self-reporting and reduced government oversight. Following cleanup, the property owner submits a final report to the Alaska DEC that documents cleanup activities and demonstrates (through confirmation samples) that cleanup levels have been met. Once this report is approved, DEC will issue a site closure letter.

Alaska Brownfields Program – Prospective Purchaser Agreements (PPAs)

www.dec.state.ak.us/spar/csp/reuse.htm#6

Defines the purchaser's liability for existing contamination through these agreements with the future property owners. These PPAs do not provide liability protection from the federal government; rather the protection provided is a promise from the state not to return to the purchaser for environmental cleanup for any contamination that existed at the time the property was purchased, provided that the purchaser fulfills all obligations under the PPA. Applicants must work with the Alaska Attorney General's Office as part of the PPA process.

Quick Facts

Limitations on Liability	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>
Number of State-Tracked Contaminated Properties:	6,405
Includes all contaminated sites and Leaking Underground Storage Tanks (LUSTs), both open and closed in remedial status, within the DEC's database	
Number of EPA CERCLIS Sites:	82
Sites identified for potential investigation under the federal Superfund Program	
Number of EPA Brownfields Properties:	12
Properties being funded or addressed under the EPA Brownfields Program	
<i>There may be some overlap among the categories listed and sites listed may not represent all potentially contaminated sites in Alaska.</i>	

Points of Contact

- Alaska Brownfields Program**
John Carnahan, John.Carnahan@alaska.gov, (907) 451-2166
- Alaska Community Development Block Grant Program**
Jo E. Grove, Jo.Grove@alaska.gov, (907) 451-2716
- Alaska DEC Contaminated Sites Program**
Steve Bainbridge, Steve.Bainbridge@alaska.gov, (907) 451-2143
- Alaska Department of Environmental Conservation (DEC) Streamlined Cleanup Program**
<http://dec.alaska.gov/index.htm>
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