

3.10 – State Incentive Programs

Many states have policies or programs in place to support renewable energy resources, such as tax incentives; industry recruitment incentives; or grant, loan, or rebate programs. The following table lists the incentives currently available by state (**Table 3.10.1**).

Table 3.10.1 Financial Incentives for Renewable Energy Resources by State

State	Tax Incentives	Grants, Loans, Rebates and Other Incentives
AL	Wood-Burning Heating System Deduction (Personal)	Renewable Fuels Development Program (Biomass, Municipal Solid Waste)
AK		Power Project Loan Fund
AZ	Qualifying Wood Stove Deduction; Solar and Wind Energy Systems Credit (Personal); Solar and Wind Equipment Sales Tax Exemption (Personal)	APS – EPS Credit Purchase Program; SRP – Earthwise Solar Energy; TEP – SunShare PV Buydown; UES – SunShare PV Buydown
AR		
CA	Solar or Wind Energy System Credit – Personal; Tax Deduction for Interest on Loans for Energy Efficiency; Solar or Wind Energy System Credit – Corporate; California Property Tax Exemption for Solar Systems	Emerging Renewable (Rebate) Program; SELFGEN – SELF-Generation Program; Anaheim Public Utilities – PV Buydown Program; Burbank Water & Power – Residential & Commercial Solar Support; City of Palo Alto Utilities – PV Partners; Glendale Water & Power – Solar Solutions Program; IID Energy – PV Solutions Rebate Program; LADWP – Solar Incentive Program; Pasadena Water and Power – Solar Power Installation Rebate; Redding Electric – Earth Vantage Renewable Energy Rebate Program; Riverside Public Utilities – Energy Efficiency Construction Incentive; Riverside Public Utilities – Residential Photovoltaic Incentive Program; Roseville Electric – PV Buy Down Program; SMUD Commercial/Industrial PV Rebate; SMUD – PV Pioneers Residential Buy-Down; SMUD – Solar Water Heater Program Rebate; Ukiah Utilities – PV Buy-Down Program Marin County – Solar Rebate Program; San Diego – Residential Solar Electric Incentive for Homes Destroyed in Wildfires Santa Monica – Green Building Grant Program; SMUD – Solar Water Heater Loan Program; Supplemental Energy Payments (SEPs)
CO		Utility PV Rebate; Holy Cross Energy WE CARE Rebates Aspen Solar Pioneer Program - Solar Hot Water Rebate; Gunnison County Electric - Renewable Energy Resource Loan; Aspen Solar Pioneer Program - Zero-Interest Loan Colorado - Aspen - Grid-Tied Micro Hydro Production Incentive
CT	Local Option for Property Tax	Residential Solar PV Rebate Program; Connecticut - Commercial, Industrial, Institutional PV Grant Program; Connecticut - New Energy Technology Program; Energy Conservation Loan; Operational Demonstration Program; Renewable Energy Projects in Pre-Development Program
DE		Green Energy Program Rebates; Research and Development Grants; Technology and Demonstration Grants
DC		District of Columbia Renewable Demonstration Project
FL	Solar Energy Equipment Exemption	Florida - Gainesville Regional Utilities - Solar Rebate Program; Florida - JEA - Solar Incentive Program
GA		

State	Tax Incentives	Grants, Loans, Rebates and Other Incentives
HI	Residential Solar and Wind Energy Credit; Corporate Solar and Wind Energy Credit	HECO, MECO, HELCO - Energy Solutions Solar Water Heater Rebate; Kauai Island Utility Cooperative - Commercial Solar Water Heating Program; Oahu - Energy Solutions Honolulu Solar Roofs Initiative Loan Program; Kauai County - Solar Water Heating Loan Program; Maui County - Maui Solar Roofs Initiative Loan Program for Solar Water Heating
ID	Solar, Wind, and Geothermal Deduction (Personal)	Renewable Energy Equipment Sales Tax Refund; BEF - Renewable Energy Grant; BEF – Solar 4R Schools; Low-Interest Loans for Renewable Energy Resource Program
IL	Special Assessment for Renewable Energy Systems	Illinois Clean Energy Community Foundation Grants
IN	Renewable Energy Systems Exemption	Alternative Power & Energy Grant Program; Distributed Generation Grant Program (DGGP); Energy Education and Demonstration Grant Program; Energy Efficiency and Renewable Energy (EERE) Set-Aside
IA	Renewable Energy Production Tax Credit (Personal); Renewable Energy Production Tax Credit (Corporate); Wind Energy Equipment Exemption; Local Option Special Assessment of Wind Energy Devices; Methane Gas Conversion Property Tax Exemption; Property Tax Exemption for Renewable Energy Systems	Grants for Energy Efficiency and Renewable Energy Research; Alternate Energy Revolving Loan Program; Iowa Building Energy Management Program (Iowa Energy Bank)
KS	Renewable Energy Property Tax Exemption	State Energy Program Grants
KY		Solar Water Heater Loan Program
LA	Solar Energy System Exemption	
ME		Solar Rebate Program; Renewable Resources Matching Fund Program
MD	Personal Income Tax Credit for Green Buildings; Corporate Income Tax Credit for Green Buildings; Wood Heating Fuel Exemption; Local Option - Corporate Property Tax Credit; Special Property Assessment	Solar Energy Grant Program; Community Energy Loan Program; State Agency Loan Program; Montgomery County – Clean Energy Rewards Program
MA	Alternative Energy and Energy Conservation Patent Exemption (Personal); Renewable Energy State Income Tax Credit; Alternative Energy and Energy Conservation Patent Exemption (Corporate); Solar and Wind Energy System Deduction; Solar and Wind Power Systems Excise Tax Exemption; Renewable Energy Equipment Sales Tax Exemption; Local Property Tax Exemption	Commercial, Industrial, & Institutional Initiative Grants; Small Renewables Initiative Rebate; Matching Grants for Communities
MI	Alternative – Energy Personal Property Tax Exemption;	Community Energy Project Grants; Energy Efficiency Grants; Large-Scale PV Demonstration Project Grants; Michigan Biomass Energy Program Grants; Solar Domestic Hot Water System Rebate Program; Small Business P2 Loan Program
MN	Solar-Electric (PV) Sales Tax Exemption; Wind Sales Tax Exemption; Wind and Solar-	State of Minnesota Solar-Electric (PV) Rebate Program; Great River Energy - Solar-Electric (PV) Rebate Program; Minnesota Power Solar-Electric (PV) Rebate Program; Renewable Development Fund

State	Tax Incentives	Grants, Loans, Rebates and Other Incentives
	Electric (PV) Systems Exemption	Grants; Agricultural Improvement Loan Program for Wind Energy; Energy Investment Loan Program; Value-Added Stock Loan Participation Program Renewable Energy Production Incentives
MS		Energy Investment Loan Program
MO	Wood Energy Production Credit	Missouri Schools Going Solar; Energy Loan Program
MT	Residential Alternative Energy System Tax Credit; Residential Geothermal Systems Credit; Alternative Energy Investment Corporate Tax Credit; Corporate Property Tax Reduction for New/Expanded Generating Facilities; Generation Facility Corporate Tax Exemption; Renewable Energy Systems Exemption	NorthWestern Energy - USB Renewable Energy Fund; BEF - Renewable Energy Grant; BEF – Solar 4R Schools; Alternative Energy Revolving Loan Program
NE		Dollar and Energy Savings Loans
NV	Renewable Energy/Solar Sales Tax Exemption; Property Tax Abatement for Green Buildings; Renewable Energy Producers Property Tax Abatement; Renewable Energy Systems Property Tax Exemption	Solar Generations PV Rebate Program
NH	Local Option Property Tax Exemption for Renewable Energy	
NJ	Solar and Wind Energy Systems Exemption	New Jersey Clean Energy Rebate Program; Renewable Energy Advanced Power Program; Renewable Energy Economic Development Program (REED); Renewable Energy Business Venture Assistance Program (REBVAP); Clean Energy Financing for Local Schools and Governments
NM	Renewable Energy Production Tax Credit; Biomass Equipment and Materials Deduction;	Clean Energy Grants Program; Schools with Sol
NY	Solar and Fuel Cell Tax Credit; Solar Cells Tax Exemption; Solar, Wind and Biomass Energy Systems Exemption	Energy \$mart New Construction Program; PV Incentive Program; Wind Incentive Program; LIPA - Solar Pioneer Program; Renewables R&D Grant Program; Energy \$mart Loan Fund
NC	Renewable Energy Tax Credit – Personal; Renewable Energy Tax Credit – Corporate; Active Solar Heating and Cooling Systems Exemption	Energy Improvement Loan Program (EILP)
ND	Geothermal, Solar and Wind Personal Credit; Geothermal, Solar, and Wind Corporate Credit; Hydrogen and Large Wind Sales Tax Exemption; Geothermal, Solar, and Wind Property Exemption; Large Wind Property Tax Reduction	
OH	Conversion Facilities Corporate Tax Exemption; Conversion Facilities Sales Tax Exemption; Conversion Facilities Property Tax Exemption	Residential Renewable Energy Grants; Renewable Energy Loans

State	Tax Incentives	Grants, Loans, Rebates and Other Incentives
OK	Zero-Emission Facilities Production Tax Credit	
OR	Residential Energy Tax Credit; Business Energy Tax Credit; Renewable Energy Systems Exemption	Energy Trust Solar Electric Buy-Down Program; Energy Trust Solar Water Heating Buy-Down Program; Ashland - Solar Electric Program; Ashland Electric Utility - The Bright Way to Heat Water Rebate; EPUD - Solar Water Heater Program Rebate; EWEB - Energy Management Services Rebate; EWEB - The Bright Way To Heat Water Rebate; OTEC - Photovoltaic Rebate Program; Energy Trust Open Solicitation Program; BEF - Renewable Energy Grant; BEF – Solar 4R Schools; Small Scale Energy Loan Program (SELP); Ashland Electric Utility - The Bright Way to Heat Water Loan; EPUD - Solar Water Heater Program Loan; EWEB - Energy Management Services Loan; EWEB - The Bright Way To Heat Water Loan
PA		Sustainable Development Fund Solar PV Grant Program (PECO Territory); Pennsylvania Energy Harvest Grant Program; Metropolitan Edison Company SEF Grants (FirstEnergy Territory); Penelec SEF of the Community Foundation for the Alleghenies Grant Program (FirstEnergy Territory); SEF of Central Eastern Pennsylvania Grant Program (PP&L Territory); Sustainable Development Fund Grant Program (PECO Territory); West Penn Power SEF Grant Program; Metropolitan Edison Company SEF Loans (FirstEnergy Territory); Penelec SEF of the Community Foundation for the Alleghenies Loan Program (FirstEnergy Territory); SEF of Central Eastern Pennsylvania Loan Program (PP&L Territory); Sustainable Development Fund Commercial Financing Program (PECO Territory); West Penn Power SEF Commercial Loan Program
RI	Residential Renewable Energy Tax Credit; Renewable Energy Sales Tax Exemption; Solar Property Tax Exemption	PV & Wind Rebate Program; Small Customer Incentive Program for Green Power Marketers; RFP for Purchase/Sale of Renewable Electricity to Large Customers Renewable Generation Supply Incentive
SC		Residential Solar Initiative for EarthCraft Homes Rebate
SD	Renewable Energy Systems Exemption; Wind Energy Property Tax Exemption	
TN	Wind Energy Systems Exemption	Small Business Energy Loan Program
TX	Solar Energy Device Franchise Tax Deduction; Renewable Energy Systems Property Tax Exemption	Austin Energy - Home Energy Air Conditioning and Appliance Rebates; Austin Energy - Solar Rebate Program
UT	Renewable Energy Systems Tax Credit – Personal; Renewable Energy Systems Tax Credit – Corporate; Renewable Energy Sales Tax Exemption	
VT	Sales Tax Exemption	Solar & Small Wind Incentive Program; CVPS Biomass Grants
VA	Local Option Property Tax Exemption for Solar	Virginia Small Wind Incentives Program (VSWIP)
WA	Sales and Use Tax Exemption	Clallam County PUD - Solar Rebate Program; Clark Public Utilities – Solar Water Heater Rebate Program; Grays Harbor PUD - Solar Water Heating Rebate; Klickitat PUD – Solar Rebate; Orcas Power & Light - Photovoltaic Rebate; Puget Sound Energy - Solar PV System Rebate; Franklin PUD – Photovoltaic and Solar Water Heating Rebate;
WV	Tax Exemption for Wind Energy Generation; Special Assessment for Wind Energy Systems	

State	Tax Incentives	Grants, Loans, Rebates and Other Incentives
WI	Solar and Wind Energy Equipment Exemption	Focus on Energy - Cash-Back Reward; Wisconsin Public Power, Inc. – Residential Renewable Energy Rebate; Focus on Energy - Grant Programs; Focus on Energy – Zero-Interest Loans; Wisconsin Public Power, Inc. – Residential Renewable Energy Loan
WY	Renewable Energy Sales Tax Exemption	Photovoltaic Incentive Program

Source: North Carolina Solar Center, Database of State Incentives for Renewable Energy, <http://www.dsireusa.org/summarytables/financial.cfm?&CurrentPageID=7>, November 2005.