

Renewable Energy Resources by State

This resource guide is for rural and tribal transit managers looking to find state-based resources on renewable energy projects.

For the purposes of this guide, a 'renewable' energy source is one that completes an energy cycle within a relatively short time and with a relatively balanced ratio of usable energy versus waste produced.

With each state, we include the largest energy source along with further local, digital resources.

The main energy sources for the states listed below are **conventional hydroelectric, solar, thermal, wind, and biomass**.

State	Resources
Alabama	ADECA - Overview and list of local energy programs. University of Alabama Renewable Energy Systems - directory of UA's renewable energy-related programs and personnel. Alabama Power Renewables - clean energy resources from one of Alabama's main power suppliers.
Alaska	Renewable Energy Systems of Alaska - local provider of renewable energy systems for retail and commercial consumers. Renewable Energy Alaska Project/ - non-profit organization with well-rounded resources on state renewable energy affairs.
Arizona	Arizona Commerce Authority Renewable Energy - local news and reports on renewable energy affairs in Arizona. Arizona Renewable Energy Standards & Tariffs - state renewable energy standards and tariffs. Arizona Public Service Clean Energy - newsroom and investors information on local clean energy affairs.
Arkansas	Arkansas Renewable Energy Association - list of members and resources. Arkansas Solar - performance report by SEIA on solar energy production, usage, and distribution in Arkansas. Electric Cooperatives of Arkansas Hydroelectric Power - guidance on hydroelectric, solar, and wind energy in Arkansas.

State	Resources
California	<p>California Energy Commission - resources related to all energy in California on topics like commercial proceedings, regulations, active and planned programs, project funding, and research reports.</p> <p>NREL - the official website of the National Renewable Energy Laboratory, based in California.</p>
Colorado	<p>Colorado Renewable Energy Society - association of businesses, organizations, and individuals. Resource library and more.</p> <p>University of Colorado Boulder Renewable and Sustainable Energy Institute - research from renewable and sustainable energy institute within UCB.</p>
Connecticut	<p>Connecticut State Renewable Energy - very extensive resource library on energy resources in the state.</p> <p>Energize Connecticut/ - clean energy solutions business with useful resources.</p>
Delaware	<p>Delaware Renewable Energy - details on the state renewable energy program and other developments.</p>
District of Columbia (DC)	<p>DC Department of Energy & Environment - Energy and climate action plan</p> <p>DC Public Service Commission - Clean energy resources for DC</p> <p>DC Sustainable Energy Utility - Tips for saving energy</p>
Florida	<p>Florida Energy Programs - directory of state-wide programs.</p> <p>University of Florida Sustainability Renewable Energy - summary of the university's involvement with renewable energy and guidance to further resources.</p> <p>Clean Energy Florida - organization focusing on community projects, news, and new connections within the clean energy space.</p>
Georgia	<p>Georgia Ministry of Economy and Sustainable Development - report on challenges and opportunities within the renewable energy space in Georgia.</p> <p>Georgia Renewable Energy Programs/ - renewable energy programs and local events.</p> <p>Solar Energy - hub for local and commercial interest in Georgia state's energy sector.</p>
Hawaii	<p>Hawaii State Energy Office - information for developers and investors in the renewables space. List of local projects, plans, along with reports.</p> <p>Hawaiian Electric's Renewable Energy Resources - Hawaii's primary electricity provider with ample resources on local energy development.</p>
Idaho	<p>Idaho Hydroelectric Resources - summary of hydroelectric energy and generation in Idaho, including map of plants.</p> <p>Idaho Conservation League - state organization with a focus on natural conservation and clean energy use.</p>

State	Resources
	Idaho Power - resource distribution of one of Idaho's largest private energy provider companies, operating 17 hydroelectric projects.
Illinois	<p>Illinois Environmental Council - resources on renewable energy, fossil fuels, efficiency, transportation, and updates on recent state-wide projects.</p> <p>University of Illinois Renewable Energy - information on the university campus' partnership with the Rail Splitter Wind Farm, along with further clean energy resources.</p> <p>Power Agency Renewable Resources - agency specializing in procurement plans for clean energy programs. Resource library available.</p>
Indiana	<p>Indiana Office of Utility Consumer Counselor Green Power - government resources on renewable energy in Indiana.</p> <p>Indiana University Environmental Resilience Institute - educational resources and research on clean energy.</p> <p>Indiana NREL - report on clean energy in Indiana.</p>
Iowa	<p>Iowa Environmental Council - an alliance of local organizations. Available resources on renewable energy production in Iowa, mostly wind and solar.</p> <p>Iowa Renewable Energy - general information from a major biodiesel production facility in Washington, Iowa, spanning over 25 acres.</p> <p>Iowa Renewable Fuels Association - relevant for anyone interested in biodiesel, and renewable energy in transportation based in Iowa.</p>
Kansas	<p>Kansas Renewable Energy Standard (RES) - renewable energy standards act in the state of Kansas, along with other resources.</p> <p>Kansas Department of Commerce Energy and Natural Resources - a 15+ page market report on the clean energy market in Kansas.</p>
Kentucky	<p>Kentuckians for the Commonwealth Sustainable Energy Solutions - state organization dealing with several issues, including the transition to clean energy.</p> <p>University of Kentucky Sustainability - energy-related resources and guidance from the University of Kentucky.</p>
Louisiana	Louisiana Department of Natural Resources Renewable Energy - resources on solar, wind, geothermal, biofuels, and more.
Maine	<p>Maine Renewable Energy Association - non-profit association for energy producers, goods suppliers of such producers, mostly involved with solar, wind, hydro, and tidal energy generation.</p> <p>Efficiency Maine - state program administrator with resources on current state projects and general education about renewable energy.</p>

State	Resources
Maryland	<p>Maryland Manual - overview of clean energy in Maryland with referenced additional resources.</p> <p>Maryland Energy Administration (MEA) - online services related to renewable energy.</p> <p>Maryland Public Service Commission - extensive clean energy resource directory.</p>
Massachusetts	<p>Commonwealth of Massachusetts - renewable energy division with energy standards, portfolio and project information, as well as compliance and policy related resources.</p> <p>Massachusetts Clean Energy Center - directory of programs, facilities, and initiatives in the clean energy space of Massachusetts.</p> <p>Renewable Energy Massachusetts (REM) local Massachusetts company with a handful of ongoing renewable energy provision projects.</p>
Michigan	<p>Michigan Public Service Commission - renewable energy sources aimed at consumers in Michigan.</p> <p>ERB Institute at the Ross School of Business and the School for Environment and Sustainability (SEAS) at the University of Michigan - paper on renewable energy policy in Michigan by a fellow at ERB.</p> <p>Thumbwind - an aggregated map of all Google maps-visible wind farms in the state of Michigan.</p>
Minnesota	<p>Minnesota Commerce Department- local hub for clean energy information exchange.</p> <p>Minnesota Pollution Control Agency- mostly information on local solar and wind-related projects.</p> <p>Minnesota Renewable Energy Society - list of programs, resources, and participants in local renewable energy projects.</p>
Mississippi	<p>Mississippi Public Service Commission - presentations and reports on clean energy developments.</p> <p>MS Biomass and Renewable Energy Council - industry reports, legislature, and more, mostly centered on biomass.</p>
Missouri	<p>Department of Natural Resources- learning material and project updates from the local government office.</p> <p>Missouri Wind and Solar - learning materials and installation services of the latest clean energy technologies.</p>
Montana	<p>Montana DEQ- government-led resource center on wind, solar, hydroelectric, geothermal, and biomass related energy projects in Montana.</p> <p>Montana Environmental Information Center- resource library of energy related projects with reports on Montana state's energy production and distribution.</p>

State	Resources
	<p>Montana Renewable Energy Association - learning material on Montana renewables, policies related to clean energy, and an installers' directory.</p>
Nebraska	<p>Nebraska Public Power District - a guide to Nebraska's wind energy facilities.</p>
	<p>Nebraska Wind Exchange - the government-led hub of Nebraska's wind energy affairs.</p>
Nevada	<p>Nevada Governor's Office of Energy- overseer of state-wide energy programs with resources on Nevada's energy affairs.</p>
	<p>University of Nevada - publication with related local references on Nevada's geothermal resources.</p>
	<p>NV Energy - public utility and energy company providing Nevada's residents and businesses with energy from various sources.</p>
New Hampshire	<p>Clean Energy New Hampshire - directory of resources and initiatives on renewable projects in New Hampshire.</p>
	<p>NH Office of Strategic Initiatives - resources on local wind energy projects and plans.</p>
	<p>NREL - 27 page booklet on small wind energy systems in New Hampshire, provided by the US Department of Energy.</p>
New Jersey	<p>NJ Clean Energy Program - extensive resource library on both state and general renewable energy-related topics.</p>
	<p>State of New Jersey - state plan for renewable energy transition.</p>
	<p>NJNG - clean energy resources provided by one of the largest natural gas suppliers in the state.</p>
New Mexico	<p>New Mexico Renewable Energy Transmission Authority - access information on transition lines, projects, and reports.</p>
	<p>New Mexico State Land Office - maps of solar and wind energy projects in New Mexico.</p>
	<p>New Mexico Public Regulation Commission - information on local projects, reports, and contributors to the renewable energy space.</p>
New York	<p>NY Office of Climate and Environmental Justice - guidance to renewable energy in the state of New York.</p>
	<p>NY State Energy Research and Development Authority - ample resources and details on ongoing projects.</p>
	<p>New York State Energy Plan - energy plan with resources on NY state-wide energy affairs.</p>

State	Resources
North Carolina	<p>North Carolina Utilities Commission - portfolio standard and efficiency standard in NC.</p> <p>NC Sustainable Energy Association- a hub to grow the renewable energy sector by sharing information, funding, and creating work opportunities.</p> <p>NC Clean Energy Technology Center - local service provider in renewable energy technology installation, surveying, and more.</p>
North Dakota	<p>North Dakota Government - guide to North Dakota's renewable energy program.</p> <p>North Dakota Government Research- state renewable energy statistics and career advice.</p>
Ohio	<p>Ohio Environmental Council- resources on environment-related topics, including clean energy.</p> <p>Green Energy Ohio- organization working on policies, technological advancement, and community building.</p>
Oklahoma	<p>Oklahoma Commerce - guidance to renewable energy business in Oklahoma, for both new and existing businesses.</p> <p>Oklahoma Secretary of Energy and Environment- resource library on Oklahoma state's energy projects along with generic learning material on renewable energy.</p> <p>University of Oklahoma Energy Management - energy-related research from the University of Oklahoma.</p>
Oregon	<p>Oregon Department of Energy- local government resource library on Oregon state's energy affairs.</p> <p>Energy Trust of Oregon - non-stakeholder organization that connects consumers and producers across the clean energy sector.</p>
Pennsylvania	<p>Pennsylvania Department of Environmental Protection - information on local biomass, geothermal, hydroelectric, wind, and solar projects.</p> <p>PennFuture- state organization tackling transition to clean energy with learning resources.</p> <p>Center for Strategic and International Studies (CSIS) - a recent report on clean energy in Pennsylvania.</p>
Rhode Island	<p>Energy Rhode Island- programs, learning material, and news.</p> <p>University of Rhode Island - opportunities of participation and educational resources.</p>
South Carolina	<p>South Carolina Energy Office - resources on biomass, geothermal, hydroelectric, hydrogen, solar, and wind in South Carolina.</p> <p>South Carolina Renewable Energy Commission (SCREC) - news, resources, and reports from the renewable energy commission of SC.</p>
South Dakota	<p>South Dakota Public Utilities Commission - local state directory of energy projects, utility providers, resource maps, updates on recent renewable energy development, and more.</p>

State	Resources
	<p>South Dakota Wind Energy Association - group of businesses and individuals in aid of wind energy development in South Dakota.</p>
Tennessee	<p>Tennessee Renewable Energy & Economic Development Council (TREEDC) - state-wide network of over 100 city mayors and businesses with resources on Tennessee renewables.</p> <p>Tennessee Valley Authority - resources on recent development of local renewable energy projects.</p> <p>Department of Environment and Conservation - details on the Office of Energy programs and other government funded renewables projects.</p>
Texas	<p>ERCOT - organization in charge of Texas' electrical grid supplying over 20 million clients.</p> <p>Environment Texas - crowdfunded organization working towards a greener Texas.</p> <p>Powering Texas - learning resources on energy in Texas, policies, and updates on recent developments.</p>
Utah	<p>Utah Office of Energy Development - key operator and authority of Utah state's energy plan with resources on programs, general education, and more.</p> <p>Utah Clean Energy - a breadth of information and guidance on clean energy.</p> <p>Solar Energy Industries Association - performance report by SEIA on solar energy production, usage, and distribution in Utah.</p>
Vermont	<p>REV - an organization consisting of businesses, non-profits, utilities, and individuals working towards Vermont's full transition to renewable energy.</p> <p>State of Vermont, Department of Public Service - archives and library of local government projects focusing on renewable energy standards and state-wide implementation.</p>
Virginia	<p>Virginia DEQ - regulatory enforcement agency with active participation in Virginia's transition to cleaner energy.</p> <p>Virginia Renewable Energy Alliance - community-based hub with local events related to renewable energy, as well as learning material.</p>
Washington	<p>Washington Utilities and Transportation Commission - a list of current green power programs and statistics in Washington.</p> <p>Clean Energy Institute Washington - funded by the state of Washington and part of UW. Resource for research and education about renewables both state and country-wide.</p> <p>Washington Public Utility Districts Association - organization of non-profit, community-owned utilities that provide water, energy, sewage management, and telecommunication services in rural areas.</p>

State	Resources
	Washington Rural Electric Cooperative Association - representation of a handful of small state energy companies with over 200,000 members.
West Virginia	WVED Office of Energy - resources for consumers and businesses alike.
	West Virginia Office of Energy - events listing, learning resources, and more.
Wisconsin	PSC of Wisconsin - development, production, and compliance related information.
	Renew Wisconsin - resources on bioenergy, EVs, geothermal energy, hydropower, solar, wind, and clean energy policies.
	Wisconsin Energy Institute - academic research on state and nationwide clean energy.
Wyoming	Wyoming Energy Authority - state-wide energy map, reports, portfolio listings, and further resources on financing.
	Wyoming Renewables - resource from the University of Wyoming, mostly on residential, agricultural, and commercial energy provision.
	Office of State Lands and Investment - guide to wind energy-related leases in Wyoming.

Note: This guide was prepared for National RTAP by Commodity.com. Links were last checked on April 7, 2022. National RTAP does not recommend or endorse any commercial vendors or commodities companies.