

## RURAL EV INFRASTRUCTURE FUNDING MATRIX

Below is a list of Federal programs that can fund rural EV infrastructure, sorted alphabetically by agency. The matrix notes the type of EV activities that are eligible for funding under different programs, as well as the eligible entities. The matrix will be expanded in future updates of this toolkit to reflect new programs in the 2021 Bipartisan Infrastructure Law.

Agency/Office	Program Name	Program Description	Eligible Parties	LDV Charging	Transit Charging	Commercial Charging	Infrastructure Planning	Workforce Development	Vehicle Acquisition
	Program Type								
DOC EDA	<a href="#">FY2020 EDA Public Works and Economic Adjustment Assistance Program</a>	Provides investments that support construction, non-construction, technical assistance, and revolving loan fund projects designed to leverage existing regional assets and support the implementation of economic development strategies that advance new ideas and creative approaches to advance economic prosperity in distressed communities.	State, Tribes, Localities, Nonprofits	•		•	•	•	
	Grant (Discretionary)								
	<a href="#">Build to Scale Program</a>	Provides funds for organizations to aid companies in developing the next generation of tech-based economic development initiatives, including commercial EV technology implementation.	State, Tribes, Localities, Nonprofits			•		•	
	Grant (Discretionary)								
DOC EDA	<a href="#">Planning and Localities Technical Assistance Program</a>	Awards funding to eligible recipients (within Economic Development Districts) to create and implement regional economic development plans designed to build capacity and guide the economic prosperity and resiliency of an area or region.	State, Tribes, Localities, Nonprofits				•	•	
	Grant (Discretionary)								
DOC EDA	<a href="#">Research and National Technical Assistance</a>	Supports research and technical assistance projects designed to leverage existing regional assets and support the implementation of economic development strategies that advance new ideas and creative approaches to advance economic prosperity in distressed communities.	State, Tribes, Localities, Nonprofits				•		
	Grant (Discretionary)								

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DOE Loan Programs Office	<a href="#">Advanced Technology Vehicles Manufacturing (ATVM) Loan Program</a> Loan (Innovative Finance)	Supports the manufacture of eligible light-duty vehicles and qualifying components under the ATVM Loan Program.	State, Localities, Private Sector	•					•
	<a href="#">Title XVII Renewable Energy and Efficient Energy Projects</a> Loan Guarantee (Innovative Finance)	Provides loan guarantees to projects that support innovative, renewable energy and energy efficiency projects in the United States.	States, Tribes, Localities, Transportation Providers, Nonprofits, Private Sector	•			•		
DOE VTO	<a href="#">Vehicle Technologies Office Funding Opportunities</a> Various	Supports high-impact projects that can significantly advance its mission to reduce petroleum reliance by developing and deploying more energy efficient and sustainable transportation technologies. VTO regularly updates its FOAs with information on available VTO grant opportunities.	States, Tribes, Localities, Transportation Providers, Nonprofits, Private Sector, Individuals	•	•	•	•	•	•
DOE Weatherization and Intergovernmental Programs Office	<a href="#">State Energy Program</a> Grant (Formula)	Provides funding and technical assistance to States, territories, and the District of Columbia to enhance energy security, advance State-led energy initiatives, and increase energy affordability. Some States allocate funds to projects that promote the buildout of EV infrastructure in rural areas. Contact the State energy office for more information about program guidance and eligibility for a particular State.	States	•	•	•	•		
DOE	<a href="#">Property Assessed Clean Energy Programs</a> Loan (Innovative Finance)	Allows a commercial or residential property owner to finance the up-front cost of energy or other eligible improvements on a property and then pay the costs back over time through a voluntary assessment; the assessment is attached to the property instead of the individual.	Nonprofits, Private Sector, Individuals	•					

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DOL	<a href="#"><u>Workforce Opportunity for Rural Communities</u></a>	Funds projects that demonstrate alignment of regionally driven, comprehensive approaches to addressing economic distress and the necessary workforce development activities to ensure dislocated and other workers in the regions are capable of succeeding in current and future job opportunities.	States, Tribes, Localities, Nonprofits, Individuals					•	
	Grant (Discretionary)								
DOT FAA	<a href="#"><u>Airport Zero Emission Vehicle</u></a>	Improves airport air quality and provides air quality credits for future airport development; airport sponsors can use funds to finance low emission vehicles, refueling and recharging stations, gate electrification, and other airport air quality improvements. Eligible parties must be Commercial airport sponsors that are in the NPIAS and located in areas that do not meet National Ambient Air Quality Standards.	States, Tribes, Localities, Transportation Providers	•	•		•		•
	Grant (Discretionary)								
DOT FAA	<a href="#"><u>Voluntary Airport Low Emissions Program</u></a>	Improves airport air quality and provides air quality credits for future airport development; airport sponsors can use funds to finance low emission vehicles, refueling and recharging stations, gate electrification, and other airport air quality improvements. Eligible parties must be Commercial airport sponsors that are in the National Plan of Integrated Airport Systems (NPIAS) and located in areas that do not meet National Ambient Air Quality Standards.	States, Tribes, Localities, Transportation Providers	•	•		•		•
	Grant (Discretionary)								
DOT FHWA	<a href="#"><u>Advanced Transportation and Congestion Management Technologies Deployment</u></a>	Makes competitive grants for the development of model deployment sites for large scale installation and operation of advanced transportation technologies.	States, Localities, Transportation Providers	•	•				
	Grant (Discretionary)								
	<a href="#"><u>National Highway Performance Program</u></a>								
Grant (Formula)									
	<a href="#"><u>Surface Transportation Block Grant Program</u></a>	Provides flexible funding that may be used by States and localities for projects to preserve and improve the conditions and performance on any Federal-aid highway, bridge and tunnel projects on any public road, pedestrian and bicycle infrastructure, and transit capital projects, including intercity bus terminals.	States	•	•	•	•	•	
	Grant (Formula)								

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	Program Type								
(continued from previous page) DOT FHWA	<a href="#"><u>Congestion Mitigation &amp; Air Quality Improvement</u></a> Grant (Formula)	Provides a flexible funding source to State and local governments for transportation projects and programs to help meet the requirements of the Clean Air Act. Funding is available to reduce congestion and improve air quality for areas that do not meet the National Ambient Air Quality Standards.	States	•	•	•		•	•
	<a href="#"><u>National Highway Freight Program</u></a> Grant (Formula)	Funds projects that improve the efficient movement of freight on the National Highway Freight Network.	States			•	•		•
	<a href="#"><u>State Planning and Research</u></a> Grant (Formula)	Provides funding for making transportation investment decisions throughout the State. The goals of the funding are to develop cooperative planning efforts that support transportation investment decisions statewide.	States				•		
	<a href="#"><u>Highway Infrastructure Program</u></a> Grant (Allocated)	Funds projects for Surface Transportation Block Grant purposes and to provide necessary charging infrastructure along corridor-ready or corridor-pending alternative fuel corridors designated by FHWA.	States	•	•	•	•	•	
	<a href="#"><u>Puerto Rico Highway Program</u></a> Grant (Allocated)	Carries out priorities of the highway program in the Commonwealth of Puerto Rico.	Puerto Rico	•	•	•	•	•	•
	<a href="#"><u>Territorial Highway Program</u></a> Grant (Allocated)	Assists each U.S. territory in the construction and improvement of a system of arterial and collector highways and necessary inter-island connectors.	U.S. Territories (other than Puerto Rico)	•	•	•	•	•	
	<a href="#"><u>Federal Lands Transportation Program</u></a> Grant (Allocated)	The program focuses on improving Federal lands transportation facilities that are located on, adjacent to, or provide access to Federal lands and which are owned and maintained by Federal land management agencies. Funds are distributed to Federal land management agencies.	Federal Land Management Agencies	•	•	•	•	•	•
	<a href="#"><u>Federal Land Access Program</u></a> Grant (Allocated)	Aims to improve transportation to and within Federal lands by improving transportation facilities that provide access to, are adjacent to, or are located within Federal lands.	States, Tribes, Localities	•	•	•	•	•	•

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DOT FTA	<a href="#">Public Transportation on Indian Reservations Program; Tribal Transit Program</a>	Aims to improve transportation to and within Tribal lands by funding capital, operating, planning, and administrative expenses for public transit projects that meet the growing needs of rural Tribal communities.	Tribes		•		•		•
	Grant (Discretionary)								
	<a href="#">Accelerating Innovative Mobility</a>	Promotes forward-thinking approaches to improve transit financing, planning, system design, and service. Program also supports innovative approaches to advance strategies that promote accessibility, including equitable and equivalent accessibility for all travelers.	States, Tribes, Localities, Transportation Providers, Nonprofits, Private Sector	•	•		•		
	Grant (Discretionary)								
	<a href="#">Integrated Mobility Innovation</a>	Supports the transit industry’s ability to leverage and integrate mobility innovations with existing services, while examining the impact of innovations on agency operations and the traveler experience.	States, Localities, Tribes, Transportation Providers		•				
	Grant (Discretionary)								
<a href="#">Area of Persistent Poverty Program</a>	Supports planning, engineering and technical studies, or financial planning to improve transit services in areas experiencing long-term economic distress.	States, Localities, Transportation providers, Nonprofits				•			
Grant (Discretionary)									
<a href="#">Public Transportation Innovation</a>	Provides funding to develop innovative products and services assisting transit agencies in better meeting the needs of their customers.	States, Localities, Transportation Providers, Nonprofits, Private Sector				•			
Grant (Discretionary)									
<a href="#">Grants for Buses and Bus Facilities Discretionary Program</a>	Makes Federal resources available to States and direct recipients to replace, rehabilitate, and purchase buses and related equipment and to construct bus-related facilities, including technological changes or innovations to modify low- or no-emission vehicles or facilities.	States, Tribes, Localities, Transportation Providers		•				•	•
Grant (Discretionary)									

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	Program Type								
(continued from previous page) DOT FTA	<a href="#">Low- or No-Emission Vehicle Program</a> Grant (Discretionary)	Provides funding to State and local governmental authorities for the purchase or lease of zero emission and low emission transit buses, as well as acquisition, construction, and leasing of required supporting facilities.	States, Tribes, Localities, Transportation Providers		•			•	•
	<a href="#">Grants for Buses and Bus Facilities Formula Program</a> Grant (Formula)	Provides funding to States and transit agencies through a statutory formula to replace, rehabilitate, and purchase buses and related equipment and to construct bus-related facilities. Subrecipients: public agencies or private nonprofit organizations engaged in public transportation.	States, Tribes, Localities, Transportation Providers		•			•	•
	<a href="#">Metropolitan Planning</a> Grant (Formula)	Provides funding and procedural requirements to State DOTs for multimodal transportation planning in metropolitan areas and States.	States, Transportation providers				•		
	<a href="#">Tribal Transit Formula Grants</a> Grant (Formula)	Aims to improve transportation to and within Tribal lands by funding capital, operating, planning, and administrative expenses for public transit projects that meet the growing needs of rural Tribal communities.	Tribes		•		•		•
	<a href="#">Formula Grants for Rural Areas</a> Grant (Formula)	Provides capital, planning, and operating assistance to States to support public transportation in rural areas with populations of less than 50,000, where many residents often rely on public transit to reach their destinations. State and Tribes receive formula funding, then redistribute funds to projects in rural areas.	States, Tribes		•		•	•	•
	<a href="#">Enhanced Mobility of Seniors &amp; Individuals with Disabilities</a> Grant (Formula)	Provides formula funding to States for the purpose of assisting private nonprofit groups in meeting the transportation needs of older adults and people with disabilities when the transportation service provided is unavailable, insufficient, or inappropriate to meeting these needs. Subrecipients: private nonprofit groups providing transportation to these groups.	States		•		•		•
	<a href="#">Rural Transportation Assistance Program</a> Grant (Formula)	Provides a source of funding to assist in the design and implementation of training and technical assistance projects and other support services tailored to meet the needs of transit operators in nonurbanized areas.	States, Localities, Transportation Providers				•	•	
	<a href="#">Urbanized Area Formula Funding</a> Grant (Formula)	Provides capital, planning, and operating assistance to urbanized areas and to governors for transit capital and operating assistance in urbanized areas and for transportation-related planning. An urbanized area is an incorporated area with a population of 50,000 or more that is designated as such by the U.S. Department of Commerce, Bureau of the Census. Funding can support rural areas if the service provided also impacts a rural area.	States, Tribes, Localities, Transportation Providers		•		•	•	•

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DOT MARAD	<a href="#">America's Marine Highway Program</a> Grant (Discretionary)	Funds previously designated Marine Highway Projects that support the development and expansion of documented vessels or port and landside infrastructure.	States, Tribes, Localities, Transportation Providers, Private Sector	•		•	•		•
	<a href="#">Port Infrastructure Development Program</a> Grant (Discretionary)	Makes grants to improve facilities related to coastal seaports or Great Lakes ports. Funds are to be awarded as discretionary grants on a competitive basis for projects that will improve the safety, efficiency, or reliability of the movement of goods into, out of, around, or within a port.	States, Tribes, Localities, Transportation Providers	•			•		•
DOT OST	<a href="#">Rebuilding American Infrastructure with Sustainability and Equity</a> Grant (Discretionary)	Provides a unique opportunity for the USDOT to invest in road, rail, transit, and port projects that achieve national objectives. Starting in FY21, RAISE has substantially increased program focus on ZEV infrastructure, including EV charging.	States, Tribes, Localities, Transportation Providers	•	•	•	•		
DOT OST Build America Bureau	<a href="#">Infrastructure for Rebuilding America</a> Grant (Discretionary)	Advances the Administration's priorities of rebuilding America's infrastructure and creating jobs by funding highway and rail projects of regional and national economic significance that position America to win the 21st century.	States, Tribes, Localities, Transportation Providers	•		•	•		
EPA	<a href="#">National Grants: Diesel Emissions Reduction Act</a> Grant (Discretionary)	Awards funding to eligible government agencies and nonprofits for eligible diesel emissions reduction solutions, including the replacement of heavy-duty diesel vehicles with EVs.	States, Tribes, Localities, Transportation Providers, Nonprofits		•	•			•
	<a href="#">Tribal and Insular Area Grants: Diesel Emissions Reduction Act</a> Grant (Discretionary)	Awards funding to eligible Tribes and Insular Areas for eligible diesel emissions reduction solutions, including the replacement of heavy-duty diesel vehicles with EVs.	States, Tribes		•	•			•

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(continued) EPA	<a href="#">School Bus Rebates: Diesel Emissions Reduction Act</a> Grant (Discretionary)	Awards funding to public and private fleet owners for the replacement of old diesel school buses with cleaner buses, including EVs. Anticipated: rebates for electric school bus replacements in underserved communities.	States, Tribes, Localities, Private Sector		•				•
	<b>State Grants: Diesel Emissions Reduction Act</b> Grant (Formula)	Allocates DERA funds to eligible U.S. States and territories for the establishment of diesel emissions reduction programs. States can prioritize specific eligible diesel emissions reduction solutions under DERA, including the replacement of heavy-duty diesel vehicles with EVs.	States		•	•			•
IRS	<a href="#">Alternative Fuel Vehicle Refueling Property Credit</a> Tax Credit	EV charging infrastructure installed through December 31, 2021, is eligible for a tax credit of 30 percent of the cost, not to exceed \$30,000. Charging station owners who install qualified equipment at multiple sites are allowed to use the credit towards each location. Consumers who purchase qualified residential charging equipment prior to December 31, 2021, may receive a tax credit of up to \$1,000.	Nonprofits, Private Sector, Individuals	•					
SBA	<a href="#">Small Business Innovation Research</a> Grant (Discretionary)	Enables small businesses to explore their technological potential and provides the incentive to profit from its commercialization.	Private Sector, Individuals				•		
	<a href="#">Small Business Technology Transfer</a> Grant (Discretionary)	Enables small businesses to explore their technological potential and provides the incentive to profit from its commercialization.	Private Sector, Individuals				•		

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USDA NRCS	<a href="#"><u>Urban Agriculture and Innovative Production</u></a> Grant (Discretionary)	Assists eligible entities with projects that support the development of urban agriculture and innovative production.	Tribes, Localities, Nonprofits	•		•	•		
	<a href="#"><u>Environmental Quality Incentives Program</u></a> Grant (Discretionary)	Provides agricultural producers and non-industrial forest managers with financial resources and one-on-one help to plan and implement improvements or conservation practices.	Tribes, Private Sector, Individuals	•		•		•	
	<a href="#"><u>Conservation Innovation Grants</u></a> Grant (Discretionary)	Supports the development of new tools, approaches, practices, and technologies to further natural resource conservation on private lands.	States, Tribes, Localities, Nonprofits, Private Sector, Individuals		•	•			
USDA RD	<a href="#"><u>Rural Placemaking Innovation Challenge</u></a> Cooperative Agreement	Helps rural communities create plans to enhance capacity for broadband access; preserve cultural and historic structures; and support the development of transportation, housing, and recreational spaces.	Tribes, Localities, Transportation providers, Nonprofits, Private sector	•	•		•	•	
	<a href="#"><u>Rural Economic Development Grant Program</u></a> Grant (Discretionary)	Provides zero-interest loans to localities' utilities, which they use to establish a revolving loan fund to pass funding through to local businesses (i.e., the ultimate recipients) for projects that create and retain employment in rural areas.	Localities, Nonprofits	•		•	•	•	
	<a href="#"><u>Renewable Energy Development Assistance</u></a> Grant (Discretionary)	Assists rural small businesses and agricultural producers by conducting and promoting energy audits and providing Renewable Energy Development Assistance.	States, Tribes, Localities, Nonprofits, Private Sector, Individuals				•		

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(continued) <b>USDA RD</b>	<a href="#"><u>Community Facilities Grant Program</u></a> Grant (Discretionary)	Provides affordable funding to develop essential community facilities in rural areas. Essential community facility: a facility that provides an essential service to the locality's community for the orderly development of the community in a primarily rural area.	Tribes, Localities, Nonprofits	•			•		•
	<a href="#"><u>Rural Business Development Grants</u></a> Grant (Discretionary)	Provides technical assistance and training for small rural businesses for activities related to rural transportation improvement, technology-based economic development, and more.	States, Tribes, Localities, Transportation Providers, Nonprofits	•		•	•	•	
	<a href="#"><u>Rural Energy for America Program - Guaranteed Loans</u></a> Loan	Provides guaranteed loan financing to agricultural producers and rural small businesses for renewable energy systems or to make energy efficiency improvements; switching from diesel to electric irrigation motors qualifies.	Private sector, Individuals			•			•
	<a href="#"><u>Community Facilities Direct Loan Program</u></a> Loan	Provides affordable funding to develop essential community facilities in rural areas. An essential community facility is defined as a facility that provides an essential service to the locality's community for the orderly development of the community in a primarily rural area.	States, Tribes, Localities, Transportation Providers, Nonprofits	•	•		•	•	
	<a href="#"><u>Rural Economic Development Loan Program</u></a> Loan	Provides zero interest loans to local utilities, which they, in turn, pass through to local businesses (ultimate recipients), for projects that will create and retain employment in rural areas. The ultimate recipients repay the lending utility directly. The utility is responsible for repayment to the USDA.	Localities, Nonprofits	•		•	•	•	
	<a href="#"><u>Intermediary Relending Program</u></a> Loan (Revolving Fund)	Provides 1 percent low-interest loans to localities lenders or "intermediaries" that re-lend to businesses to improve economic conditions and create jobs in rural communities. Intermediaries relending the capital to other parties with a maximum loan of \$250k or 75 percent of total project.	States, Tribes, Localities, Nonprofits	•		•	•	•	
	<a href="#"><u>Business &amp; Industry Loan Guarantees</u></a> Loan Guarantee	Offers loan guarantees to lenders for their loans to rural businesses.	Tribes, Localities, Transportation Providers, Nonprofits, Private Sector, Individuals	•			•	•	

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USDA RD RUS	<a href="#">Denali Commission High Energy Cost Grants</a> Grant (Discretionary)	Assists the Denali Commission in lowering the cost of energy for families and individuals in areas with extremely high per-household energy costs. Eligible projects improve energy facilities serving communities with extremely high energy costs, partly by implementing energy efficient technology and practices.	States, Tribes, Localities, Nonprofits, Private Sector, Individuals	•			•		
	<a href="#">High Energy Cost Grants</a> Grant (Discretionary)	Assists energy providers and other eligible entities in lowering energy costs for families and individuals in areas with extremely high per-household energy costs.	States, Tribes, Localities, Nonprofits, Private Sector, Individuals	•			•		
	<a href="#">Energy Efficiency and Conservation Loan Program</a> Loan	Provides loans to finance energy efficiency and conservation projects for commercial, industrial, and residential consumers. Applicants must be utilities and/or energy distributors.	Localities, Tribes, Private Sector	•			•		
	<a href="#">Rural Energy Savings Program</a> Loan	Provides loans to rural utilities and other companies who provide energy efficiency loans to qualified consumers to implement durable cost-effective energy efficiency measures. Applicants must be utilities and/or energy distributors.	Localities, Tribes, Private Sector	•			•		
	<a href="#">Distributed Generation Energy Project Financing</a> Loan/Loan Guarantee	Provides loans and loan guarantees to energy project developers for distributed energy projects including renewables that provide wholesale or retail electricity to existing Electric Program borrowers or to rural communities served by other utilities. Applicants must be utilities and/or energy distributors.	States, Tribes, Localities, Nonprofits, Private Sector	•			•		
	<a href="#">Electric Infrastructure Loan &amp; Loan Guarantee Program</a> Loan/Loan Guarantee	Makes insured loans and loan guarantees to finance the construction of electric distribution, transmission, and generation facilities, including system improvements and replacements required to furnish and improve electric service in rural areas, as well as demand side management, energy conservation programs, and on-grid and off-grid renewable energy systems. Applicants must be retail or power supply providers.	States, Tribes, Localities, Nonprofits, Private Sector	•			•		