



FEDERAL FUNDING

State and Local Government Modernization

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Now is an important moment for our country. The U.S. government is preparing to invest billions of dollars to support modernization of critical infrastructure systems that have formed the backbone of our economy for decades, including what has been called the greatest machine ever built – our 100-year-old power grid, the nation's aging buildings, and logistically essential airports.

And with the technology and tools already available, we can put federal dollars to work in fast and powerful ways, making this a decade of real action.

The bipartisan Infrastructure Investment and Jobs Act (IIJA), which was signed into law on November 15, 2021, will provide more than \$60 billion for state and local governments to electrify transportation, modernize ports, enhance grid resiliency, and increase the energy efficiency of buildings.

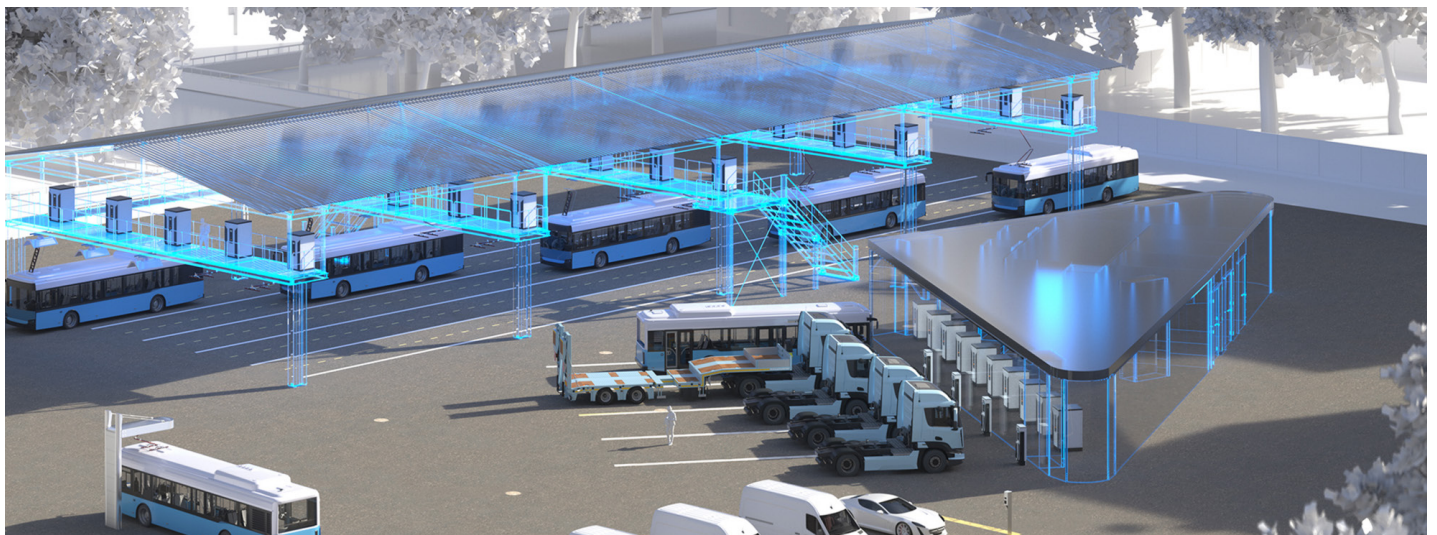
This is our opportunity to reinvent, rebuild, and strengthen our infrastructure.

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Electric Vehicle Infrastructure Funding

The bipartisan infrastructure law has multiple funding sections specifically related to electrifying transportation, which includes not only the electric vehicle itself, but also the critical infrastructure that support it. We have teams in place that can help you define a roadmap and determine the best solutions to meet your energy savings and resiliency goals.

	Bipartisan Infrastructure Investment and Jobs Act (IIJA) for EV Infrastructure				
	Funding Amount	Eligible Entity	Eligible Use	Funding Type	Funding Distribution
EV Charging & Alternative Fueling Infrastructure	\$2.5 billion	State and local government Transit authorities Tribal government territories Metropolitan planning organizations, or a group of any listed eligible entity	EV charging infrastructure for alternative fuel corridors, "and public roads and in publicly accessible locations Focus on ensuring equitable access of funding for disadvantaged communities	Grant	\$300 million available for FY22 Increasing each year through FY26 Maximum grant amount of \$15 million
Buses and Bus Facilities	\$206 million	State and local government Territories Tribal government	Low/No emission buses and related infrastructure	Grant	\$206 million for each fiscal year allocated to all states and territories \$4 million allocated to each state for each fiscal year \$1 million allocated to each territory for each fiscal year
NEW National Electric Vehicle Formula Program	\$5 billion	State government Territories	Strategic deployment of EV charging infrastructure as national network	Formula 80% federal cost share funding	Available FY22-FY26
NEW Clean School Bus Program	\$5 billion	Local or state government Eligible bus service contractors Tribal government Nonprofit school transportation associations	Establish a program to award grants and rebates to replace existing school buses with: <ul style="list-style-type: none"> • Zero-emission school buses • Clean school buses 	Grants awards may cover 100% of replacement costs	\$1 billion for each FY2022 – 2026 At least \$500 million available for each fiscal year specific for zero-emission electric school buses 120 days to develop an education and outreach program to promote and explain this award program



Electric Grid Modernization & Resiliency Funding

The threat of extreme weather events, natural disasters and wildfires is increasing every year. Pair this with the rise in energy demands and our grid has an enormous challenge to overcome. The new law provides \$14 billion in funding to support solutions that reduce the impact of natural disasters, including flooding, wildfires, and storms.

	Bipartisan Infrastructure Investment and Jobs Act (IIJA) for Grid Modernization				
	Funding Amount	Eligible Entity	Eligible Use	Funding Type	Funding Distribution
NEW GRANT PROGRAM Preventing Outages and Enhancing the Resilience of the Grid	\$5 billion	Electric grid operators, transmission owner or operator, distribution provider or any relevant entity States, tribal government, storage operators, electric generators, fuel suppliers	Hardening technology to reduce the risk of wildfires consequences of disruptive events; the use and construction of DERs and microgrids use and construction of DERs and microgrids	Grants	Available FY22-26 Must establish the program 180 days after the date of enactment of this Act 5-year program
Smart Grid Investment Matching Grant Program	\$3 billion	Local government, electricity providers	Technologies software-as-a-service vehicle-to-grid integration that quickly rebalance the grid: <ul style="list-style-type: none"> Distributed energy resources energy storage, intermittent generation sources, Wildfire and national disaster mitigation 	Smart Grid Investment Matching Grant	3 billion available beginning in FY2022, to remain available through September 30, 2026
NEW FUNDING PROGRAM Electric Grid Reliability and Resilience Research, Development, and Demonstration	\$5 billion	State and local government, tribal government, local PUCs State may also apply has part of a partnership	<ul style="list-style-type: none"> Includes \$1 billion in funding for grid resilience investments in rural and remote areas (pop. <10,000) Eligible uses include cost-effectiveness of rural grid, upgrading T&D lines, reducing GHGs from generation, modernizing generation facilities, developing microgrids, and increasing energy efficiency 	Competitive federal financial assistance program	Available FY22-26 Must establish the program 180 days after the date of enactment of this Act
FEMA BRIC Program	\$1 billion	States, territories, tribal government, local communities	Community resiliency and disaster mitigation Demonstrates innovative approaches to partnerships	Potential Cost Sharing	Expected Spring 2022



Energy Efficiency Funding

We spend up to 90% of our lives inside buildings and the flow of energy, emissions, and air in and out of these structures results in a huge impact on emissions, efficiency, and safety. Buildings alone contribute to nearly 75 percent of our nation's energy usage – a staggering number, but one we can change, starting with the \$1.3 billion allocated for energy efficiency at the state and local level.

	Bipartisan Infrastructure Investment and Jobs Act (IIJA) for Energy Efficiency				
	Funding Amount	Eligible Entity	Eligible Use	Funding Type	Funding Distribution
Energy Efficiency Improvements and Renewable Energy Improvements at Public School Facilities	\$500 million	Public Schools Local educational agencies with the ability to partner with organizations who are able to support energy and renewable improvements	Renovation, repair, and improvements focused on energy efficiency and renewable energy	Grant	\$100M each year, FY22-FY26
Energy Efficiency and Conservation Block Grant Program	\$550 million	Cities, communities, states, U.S. territories, and tribal government	Programs that finance energy efficiency and other clean energy capital investments, projects, loan programs, and performance contracting programs	Block Grant	FY22
Energy Efficiency Revolving Loan Fund Capitalization Grant Program	\$250 million	State Energy Programs Territories	Commercial energy audits, residential energy audits, or energy upgrades or retrofits	Revolving Loan Fund Capitalization Grant	FY22 60% to priority states in accordance with an allocation formula determined or the 15 states with the highest per capita energy consumption

New Federal Funding for Ports

Ports face increased pressure to operate efficiently and safely, despite the fact that their existing infrastructure is not suited to support these needs. The bipartisan infrastructure law assists in these areas to keep our ports operating efficiently, as well as complying with TWIC® (Transportation Worker Identification Credential) guidelines as required through TSA for safety.

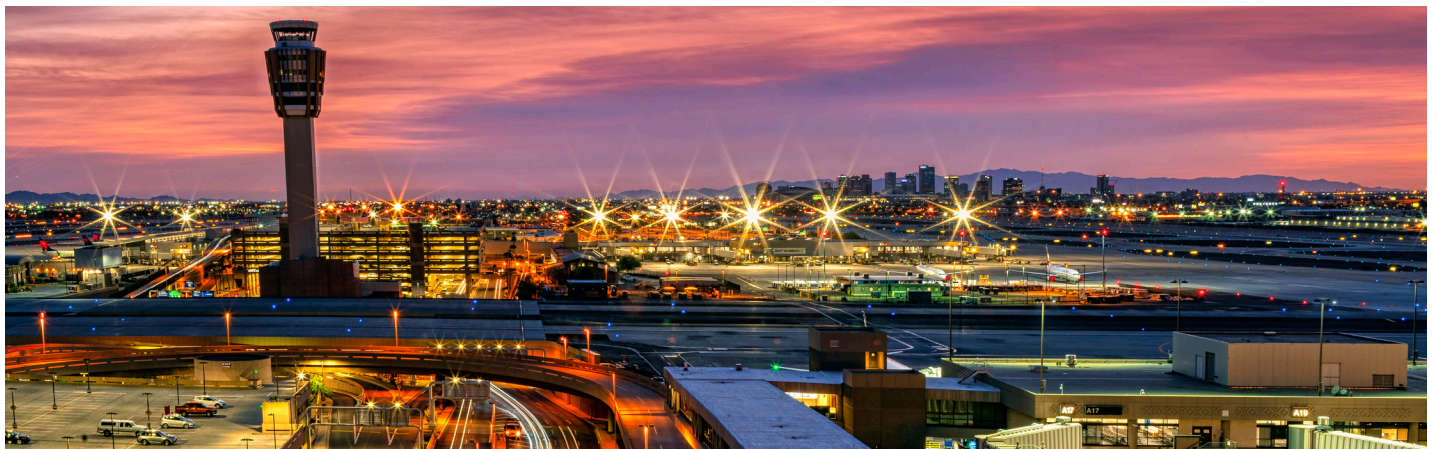
	Bipartisan Infrastructure Investment and Jobs Act (IIJA) for Ports				
	Funding Amount	Eligible Entity	Eligible Use	Funding Type	Funding Distribution
Port Infrastructure Development Grant Program	\$230 million	Port operators	Investments to modernize ports	Grant	Q1 FY22
Additional Port Infrastructure Funding	\$475 million	Port operators	Investments to modernize ports	Grant	Q1 FY22
Georgia Port Authority Funding	\$8 million	Georgia Port Authority	Convert existing inland facilities into five pop-up container yards in both Georgia and North Carolina to alleviate congestion	Direct funding	FY22

New Federal Funding for Airports

Our roads and bridges are not the only transportation infrastructure that require attention and funding. Our airports are also in dire need of modernization.

The federal infrastructure funding will provide \$25 billion to support airport repair and maintenance backlogs, expansion of accessibility, and energy efficiency upgrades, as well as support new terminal builds.

	Bipartisan Infrastructure Investment and Jobs Act (IIJA) for Airports				
	Funding Amount	Eligible Entity	Eligible Use	Funding Type	Funding Distribution
Airport Infrastructure Grants	\$15 billion	Commercial service airports (>10,000 passengers/yr) Non-primary airports (2,500-<10,000 passengers/yr)	To modernize existing airport infrastructure through <ul style="list-style-type: none"> Upgraded heating, air conditioning, ventilation, plumbing, and electrical service Electric Vehicle (EV) infrastructure 	Grants	FY22-FY26 \$3 billion per year Majority distributed to primary airports Funding based on Airport Improvement Plan formulas (2019 enplanements for FY22-23; most recent will be used for FY24-26) There is no maximum apportionment limit
New Airport Terminal Program	\$5 billion	Large, Medium, Small, and non-hub airports	Terminal development projects that: <ul style="list-style-type: none"> Replace aging infrastructure Improve energy efficiency 	Competitive Grant Program	FY22-FY26 \$1 billion per year Breakdown of funding: 55% - Large 15% - Medium 20% - Small 10% - non-hubs Cost share: 80% - Large & Medium 95% - Small & non-hubs Timeline January 14th for program implementation
FAA Facilities & Equipment Funding	\$5 billion	FAA-Owned Air Traffic Control Facilities	Funding for capital investments related to air navigation facilities and aviation safety systems including acquisition costs, installation, testing, initial spares, initial maintenance contracts and training for equipment, facilities, and other construction projects	Revolving Loan Fund Capitalization Grant	FY22-FY26 Subject to congressional approval each fiscal year



At Siemens, we're ready to help you hit the ground running.

We have teams in place that can help you define a roadmap and determine the best solutions to meet your energy savings and resiliency goals.

We're a proven partner: We are already helping close to 50% of the U.S.'s large, and medium, hub airports decrease their carbon footprint and increase their energy efficiency, resiliency, comfort, and safety through investments in terminal infrastructure, expansions, and technology upgrades.

SI Portfolio:

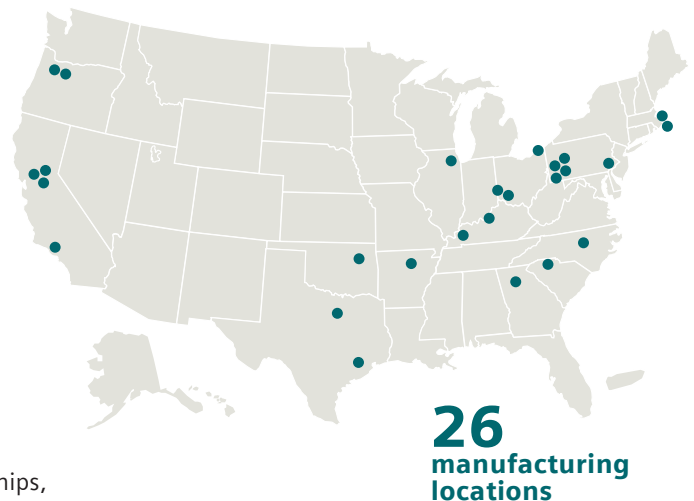
Facility/Industrial Controls
Building/Perimeter Security
Building Automation
Power Distribution
Generator Controls/ATS
Microgrids
EVSE
Services/Modernization

We're ready: We have installed EV infrastructure in all 50 states. We understand local requirements at the industry, commercial, and government level, and we partner with local utilities, auto OEMs, EVSPs, and more to enable successful and reliable EV infrastructure installation and fleet electrification.

Siemens is Invested in U.S.

Manufacturing: Siemens has 26 manufacturing locations in the U.S., and we are ready to work with our partners on navigating the complexities of Buy American and local state content requirements to deliver projects.

We understand: Whether it's state procurement processes, small business contracting requirements, competitive grant opportunities, performance contracting, or private-public-partnerships, we understand how to work with state and local governments.



Siemens wants to help you take full advantage of this available funding.
Learn more at usa.siemens.com/totallycities

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Part #153-SBT-748

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