

GSA's Electric Vehicle Infrastructure Program



Solutions to Support
Zero-Emission Vehicles

Background and Basics

A primary pillar of the federal government's effort to combat climate change and lead by example is through transitioning to a zero-emission federal fleet. Executive action calls for the government to acquire 100% of light-duty vehicles as zero-emission vehicles (ZEVs) by 2027 and 100% of all vehicle acquisitions as ZEVs by 2035.

GSA has solutions in place that support the transition to electric vehicles and make planning, acquisition, installation, and maintenance of electric vehicle infrastructure as seamless as possible. GSA's Electric Vehicle Infrastructure program provides:

- ❖ Electric vehicle supply equipment (EVSE) products and ancillary services
- ❖ Streamlined acquisition process for federal agencies and authorized users
- ❖ Assisted acquisition and self-service options
- ❖ Charging as a service
- ❖ Vendor-agnostic open protocols
- ❖ Software compliant with federal IT-security and privacy requirements
- ❖ Planning, site assessment, and feasibility studies
- ❖ Design/build and construction services
- ❖ Nationwide support in both GSA-controlled and non-GSA-managed spaces

Getting started on deploying electric vehicle supply equipment can seem daunting, with many decisions to make. GSA is assembling an array of solutions to alleviate confusion, simplify decision making, and help fleet, building, and energy managers select an appropriate course of action. All efforts to deploy EVSE should begin with gathering information, then assessing your situation, and selecting an appropriate plan of action. Plans of action will differ simply because every site is different, and every agency mission at these sites will vary.

The following information is intended to help simplify the decision-making process by providing a generally applicable course of action and decision flow.

Planning

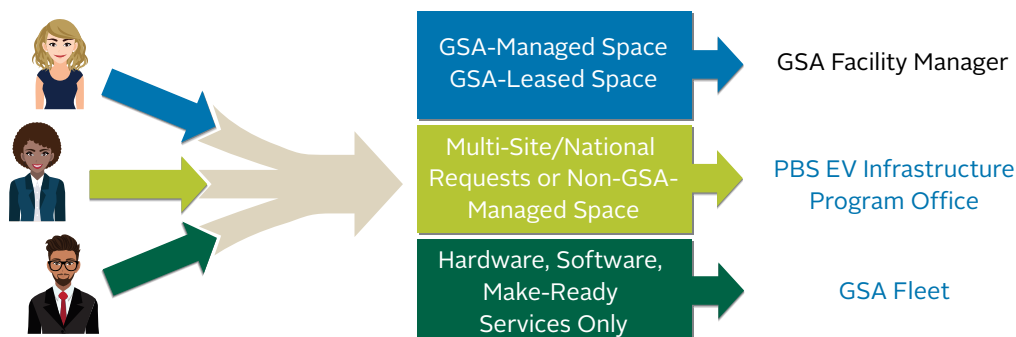
When planning for vehicle electrification, you must know your requirements and engage with the appropriate personnel within your agency to get infrastructure in place. This involves securing funding and working with facility or site managers to assess the electrical capacity of the space, authorize real-property modifications, and engage the utility. GSA can help and work with your agency for all your infrastructure needs.

GSA's EVSE Blanket Purchase Agreement holders can provide consulting, site planning and assessment, utility coordination, and more under CLIN 006. See www.gsa.gov/evse.

A site assessment may be necessary to determine whether the site can support the EVSE requirements. Some sites may require electrical upgrades or additional preparation work to accommodate the EVSE. In GSA-managed space, the requesting agency pays for any EVSE assessment, per [GSA Policy 5605.1](#).

EVSE can also be included in larger Energy Savings Performance Contracts as energy-conservation measures if:

- ❖ The vendor is agreeable
- ❖ The project financing can cover the cost within the allowable 25-year term



Keep in mind current and future zero-emission vehicle acquisition plans. This will help you to determine how many EVSE ports you will require. Contact federal_fleets@ee.doe.gov for training and guidance or your agency's fleet manager for a copy of the ZEV Planning and Charging (ZPAC) tool. ZPAC provides fleet inventories and an indication of whether a vehicle may be an ideal candidate to replace with a ZEV. ZPAC may help fleets identify how many EVSE ports they may need to install. Background information and training on ZEVs and EVSE can be found at:

- ❖ The Department of Energy Federal Energy Management Program website: <https://www.energy.gov/eere/femp/electric-vehicle-training>
- ❖ The GSA Fleet training website: www.gsa.gov/gsa-fleet-training

Engage with the local utility early on regarding the site's current and future EV-related energy needs:

- ❖ Use the Department of Energy's Utility Energy Service Contracts (UESCs) and EV Utility Finder Tool to find local utility partners offering EVSE financing and incentives. If federal facilities do not fit within an offered program, utilities may work with agencies to identify a similarly suitable offering.
- ◆ To learn about UESCs, visit <https://www.energy.gov/eere/femp/about-utility-energy-service-contracts>
- ◆ To use EV Utility Finder Tool, visit <https://www.energy.gov/eere/femp/articles/ev-utility-finder-ev-u-finder>

Did you know?

GSA PBS in Colorado is partnering with local utility Xcel Energy® to support National Oceanic and Atmospheric Administration's electric vehicle charging station project at the David Skaggs Research Center in Boulder. Through its EV Infrastructure Incentive Program, Xcel Energy provides funding and installation support for conduit, electrical panel upgrades, transformers, and any other make-ready infrastructure needed. Keep in mind that Xcel Energy, like many other utilities, accepts only participants whose EV stations are guaranteed to be funded.

- ❖ Research applicable tariffs that may allow you to leverage a GSA Areawide Public Utility Contracts (see <https://www.gsa.gov/real-estate/environmental-programs/energy-water-conservation/gsa-areawide-public-utility-contracts>) to install EVSE and other infrastructure.
- ◆ Use the AWC's Exhibit A, the standard contract for tariffed electric services, to contract for the installation of EVSE and associated infrastructure. For other Exhibit A acquisition approaches (e.g., incentive programs), consult your agency's CFO to ensure compliance with budgetary rules.

Buying and Installing Infrastructure

Agencies can purchase EVSE directly from GSA's EVSE Blanket Purchase Agreements (BPAs) – see www.gsa.gov/evse. Sixteen firms – nine of which are small businesses – offer over 1,165 EVSE products across more than 30 unique EVSE brands. Networked charging stations and networks offered through the BPA are undergoing IT-security reviews as a requirement of the BPAs. A security review must be completed prior to making the products and services available for ordering through the BPAs. In the meantime, all products and services are available for purchase via GSA's Multiple Award Schedule, accessible through GSA Advantage!® at www.gsaadvantage.gov.

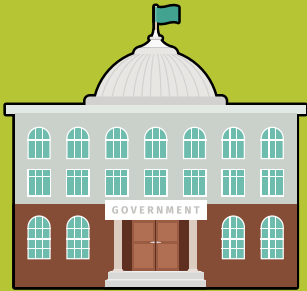
To help agencies with installation and related infrastructure, GSA's Public Buildings Service (PBS) awarded supporting governmentwide indefinite-delivery/indefinite-quantity

(IDIQ) contracts for general construction, including design and build services. For more information about these contracts, please visit [the Governmentwide Design/Build and Construction IDIQ Contracts for EVSE Installation and Related Infrastructure page](#).

PBS's construction contractors can purchase EVSE directly from the GSA's EVSE BPAs through a 2022 class deviation from Federal Acquisition Regulation (FAR) Subpart 51.1. For GSA's help with a turnkey solution including EVSE installation, submit a work request through eRETA today at www.gsa.gov/ereta. Agencies in non-GSA space can also request a GSA Delegation of Procurement authority from GSA to access the IDIQ contracts but provide their own contracting or simply requests some contract and program management support.

Putting It All Together

Engage Agency or GSA Facility Manager with EVSE Needs and Involve the Local Provider as Early as Possible



GSA-Owned and -Operated Facilities

GSA Will Handle Using PBS IDIQs and FAS's EVSE BPAs



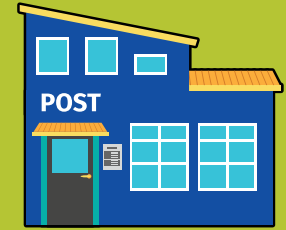
GSA-Owned Delegated Facilities

Dependent on Delegation Agreement; Always Involve GSA



GSA-Leased Space

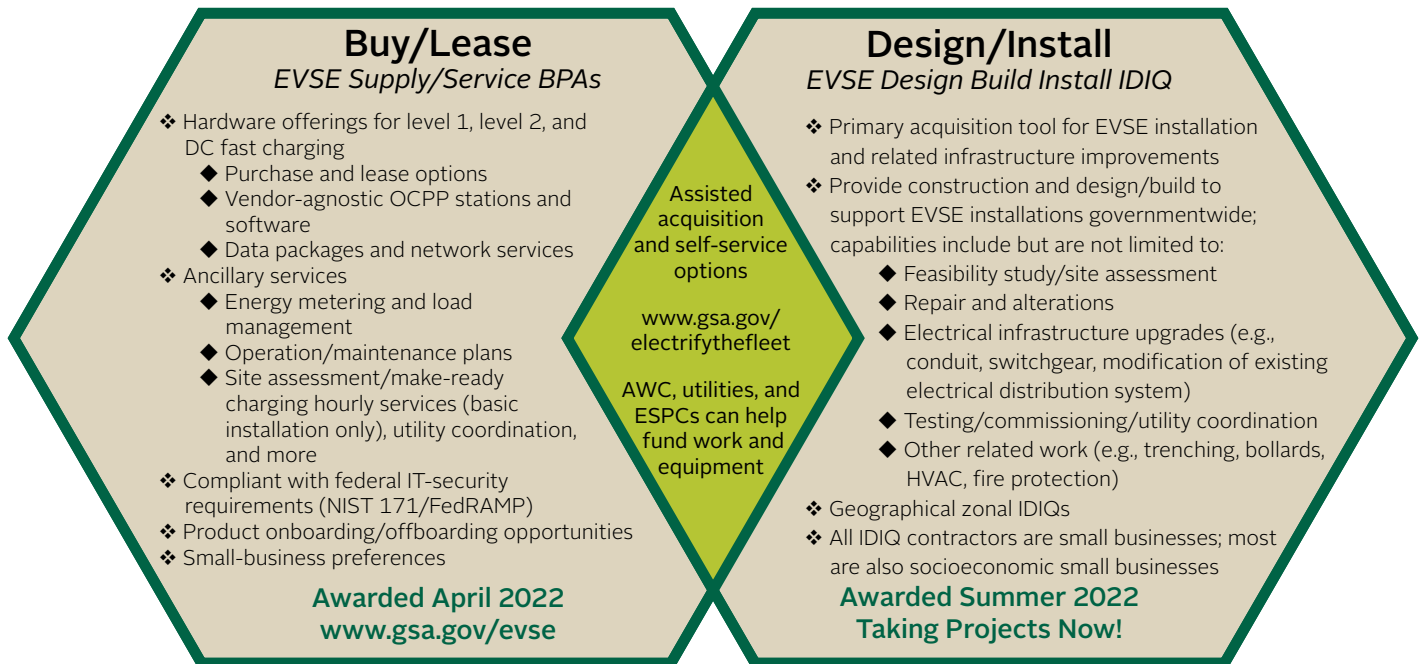
Lessor Will Decide the Path Forward



Agency-Owned or -Managed

Want Turnkey? Use PBS IDIQs for Assessment, EVSE, and Installation

GSA's contracting vehicles can meet customer EVSE needs in both GSA- and agency-controlled spaces. See below for each offering and how they work together.



For More Information

To learn more, visit www.gsa.gov/electrifythefleet.

www.gsa.gov
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