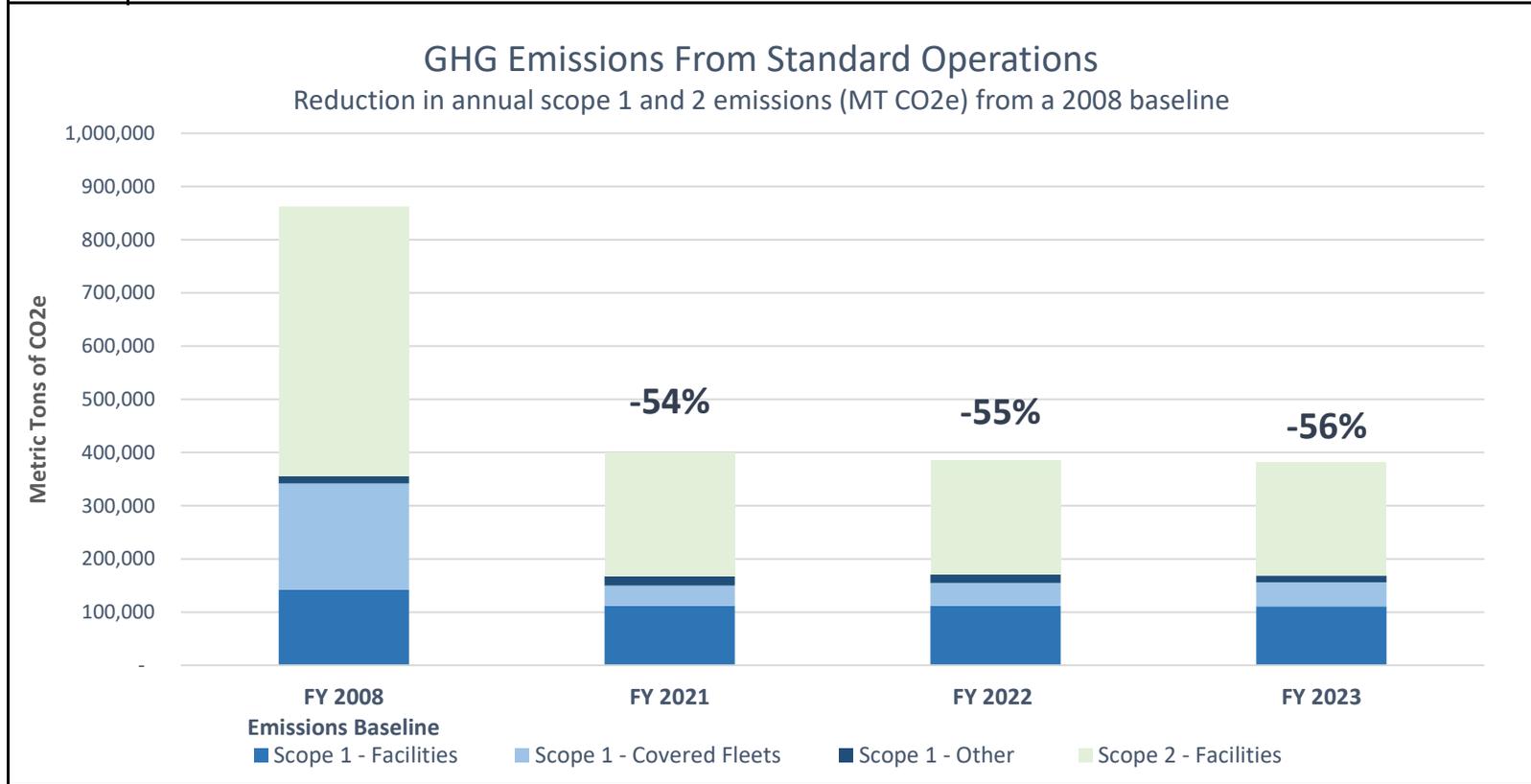


Department of Homeland Security
FY 2023 Sustainability Scorecard



Net-Zero Emissions Operations by 2050,
Including a 65% reduction by 2030

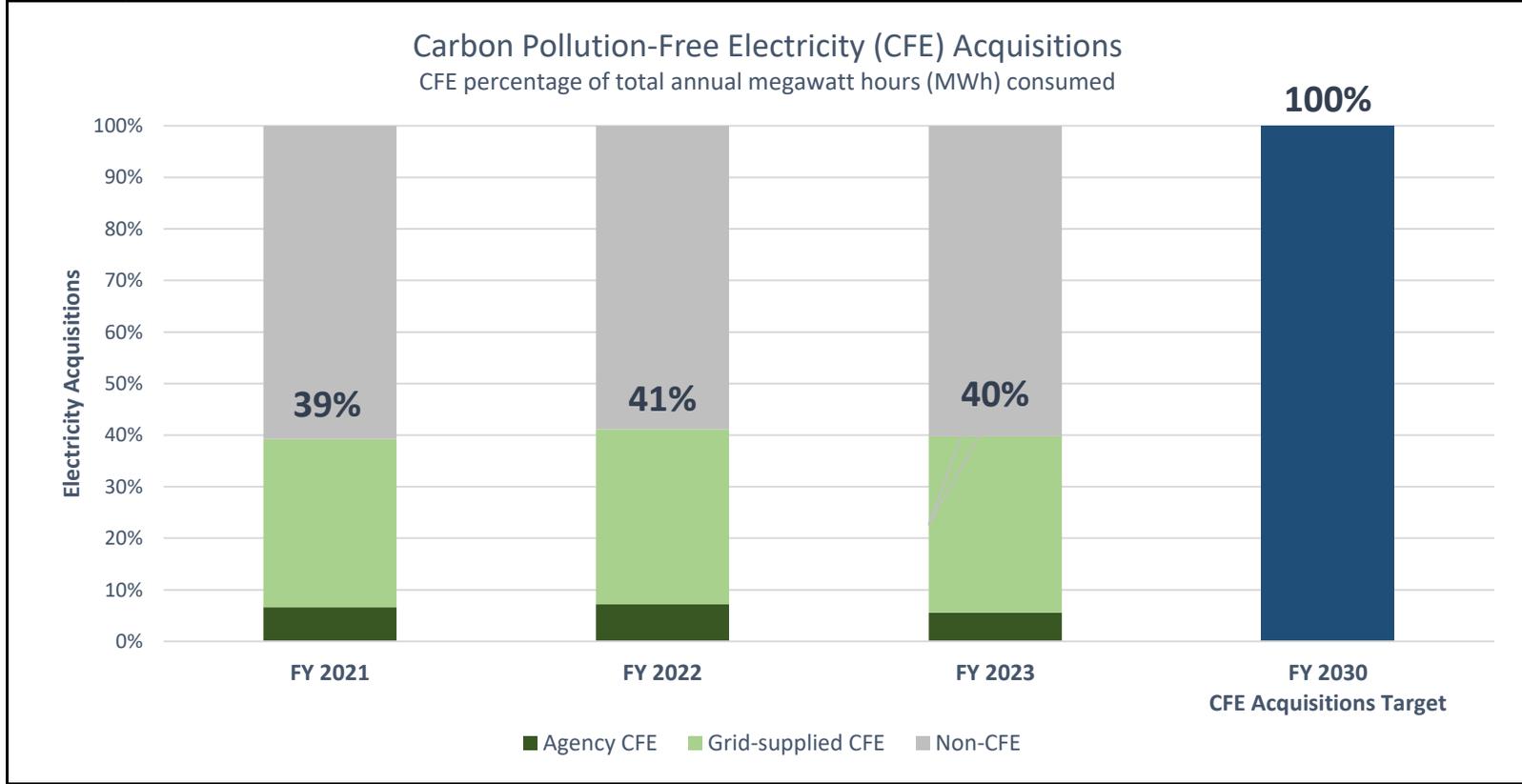


For abbreviations and definitions— See OMB Scorecard Glossary

Annual Progress from Prior Year		
-2,444	-1,218	
Scope 1 Emissions	Scope 2 Emissions	
-1%	-1%	
FY 2023 Standard Operations Emissions		
Scope and Category	MTCO2e	% of Total
<div style="display: flex; align-items: center;"> <div style="width: 15px; height: 15px; background-color: #d9e1f2; margin-right: 5px;"></div> Scope 1 - Covered Fleets </div>	44,913	12%
<div style="display: flex; align-items: center;"> <div style="width: 15px; height: 15px; background-color: #1f374d; margin-right: 5px;"></div> Scope 1 - Other </div>	12,379	3%
<div style="display: flex; align-items: center;"> <div style="width: 15px; height: 15px; background-color: #336699; margin-right: 5px;"></div> Scope 1 - Facilities </div>	110,806	29%
<div style="display: flex; align-items: center;"> <div style="width: 15px; height: 15px; background-color: #c6e0b4; margin-right: 5px;"></div> Scope 2 - Facilities </div>	213,009	56%
Total	381,107	

Department of Homeland Security
FY 2023 Sustainability Scorecard

 **100% Carbon Pollution-Free Electricity on a Net Annual Basis by 2030**



Annual Progress from Prior Year

-23,739
 MWh of CFE Acquisition

-7%

FY 2023 Agency Electricity Profile

Category	MWh	% of Total
Agency CFE	41,737	6%
Grid-Supplied CFE	254,405	34%
Non-CFE	448,669	60%

Total **744,810**

For abbreviations and definitions— See OMB Scorecard Glossary

Department of Homeland Security

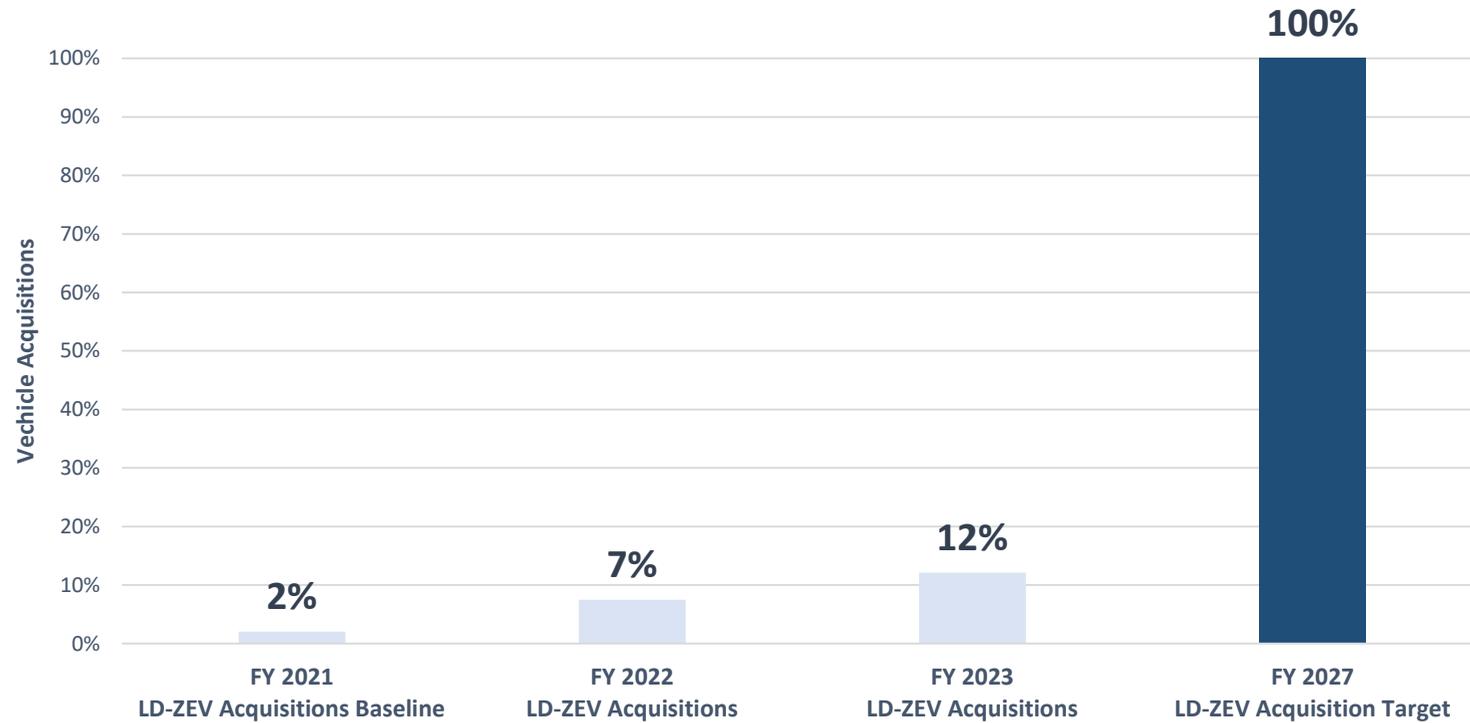
FY 2023 Sustainability Scorecard



100% Zero-Emission Vehicle Acquisitions by 2035

Zero Emission Vehicles Acquisitions

ZEVs as percentage of annual light-duty vehicle (LDV) orders



For abbreviations and definitions— See OMB Scorecard Glossary

Annual Progress from Prior Year

+28

LD-ZEV Acquisitions

-26

Charging Ports

+10%

-12%

Covered Fleet Inventory

Category	FY 22	FY 23
Light Duty ZEV	187	564
Light Duty ICE	41,287	41,311
Total	41,474	41,875

Charging Port Inventory

Category	FY 22	FY 23
AC Level 1	0	0
AC Level 2	113	186
DC Fast Charging	112	13
Total	225	199

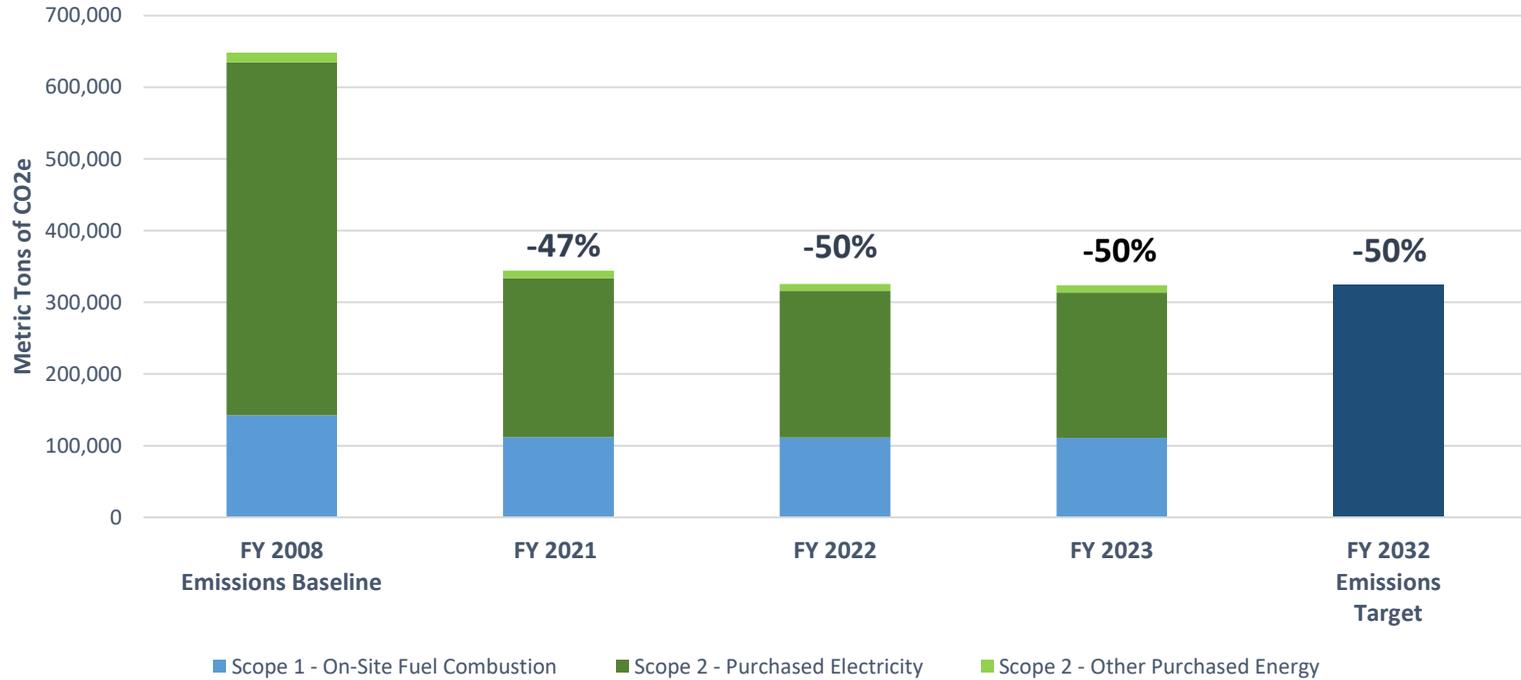
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FY 2023 Sustainability Scorecard



Net-Zero Buildings by 2045, including a 50% reduction by 2032

GHG Emissions from Standard Operations in Facilities
Reduction in annual scope 1 and 2 emissions (MT CO2e) from a FY 2008 Baseline



For abbreviations and definitions— See OMB Scorecard Glossary

Annual Progress from Prior Year

-706

Scope 1 Emissions

-1,218

Scope 2 Emissions

-1%

-1%

FY 2023 Buildings Standard Emissions

GHG	MTCO2e	% of Total
Scope 1 - On-Site Fuel Combustion	110,806	34%
Scope 2 - Purchased Electricity	202,769	63%
Scope 2 - Other Purchased Energy	10,239	3%

Total

323,815

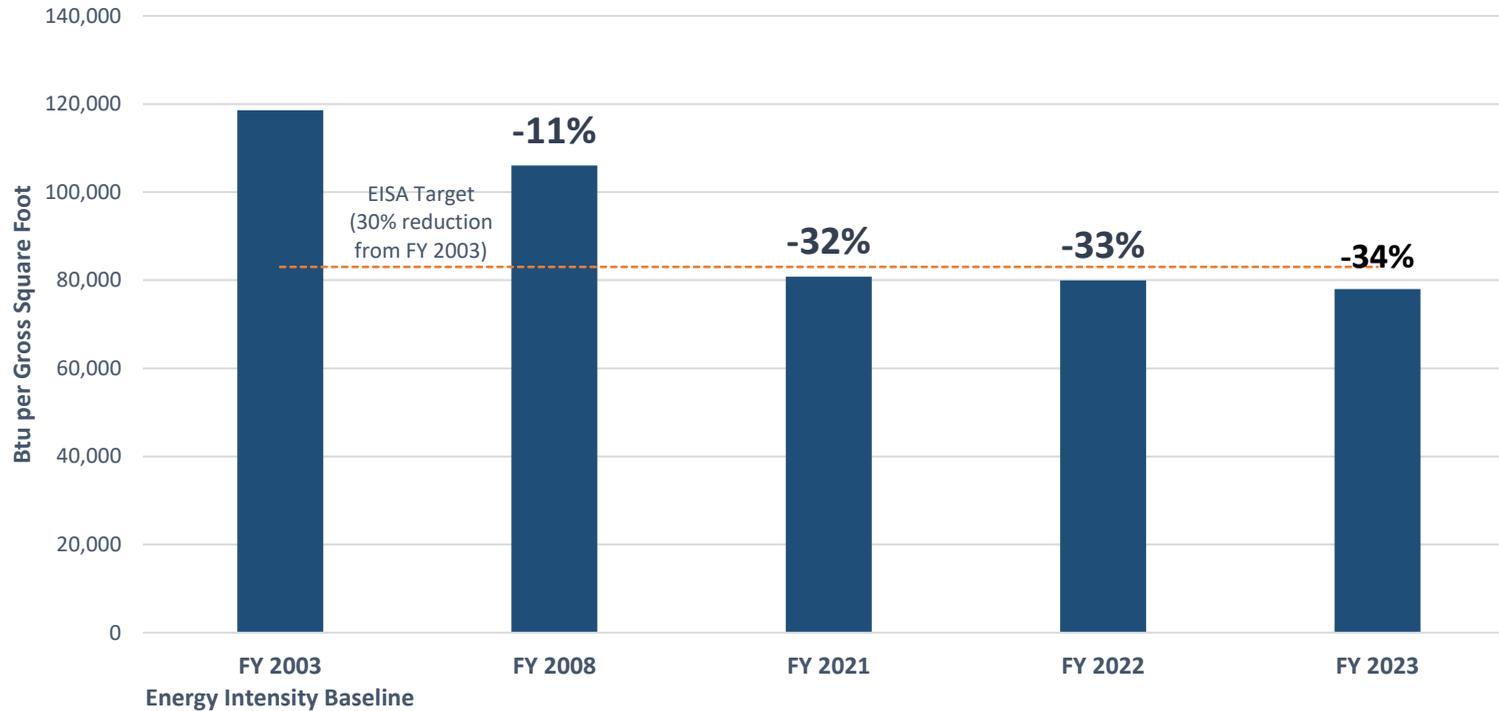
Department of Homeland Security
FY 2023 Sustainability Scorecard



Federal Facility Energy Use

Facility Energy Intensity

Reduction in facility energy intensity (Btu per GSF) from a 2003 baseline



Agency Progress Indicator

Agency status meeting or exceeding the statutory goal of a 30% reduction in Btu/GSF from a 2003 Baseline



Not Met

Met

Exceeded

Annual Progress from Prior Year

-2,012

Btu per GSF

-2.5%

Energy Intensity Details

<u>End Use</u>	<u>Site-Delivered BBtu</u>	<u>% of Total</u>
Electricity	1,934	53%
On-Site Fuel Combustion	1,768	48%
Purchased Thermal	147	4%
On-Site Renewables and Other Adjustments	-201	-6%
End-Use Sector Total	3,647	
Gross Square Feet (Thou.)		46,785
Energy Intensity	77,959	

For abbreviations and definitions— See OMB Scorecard Glossary

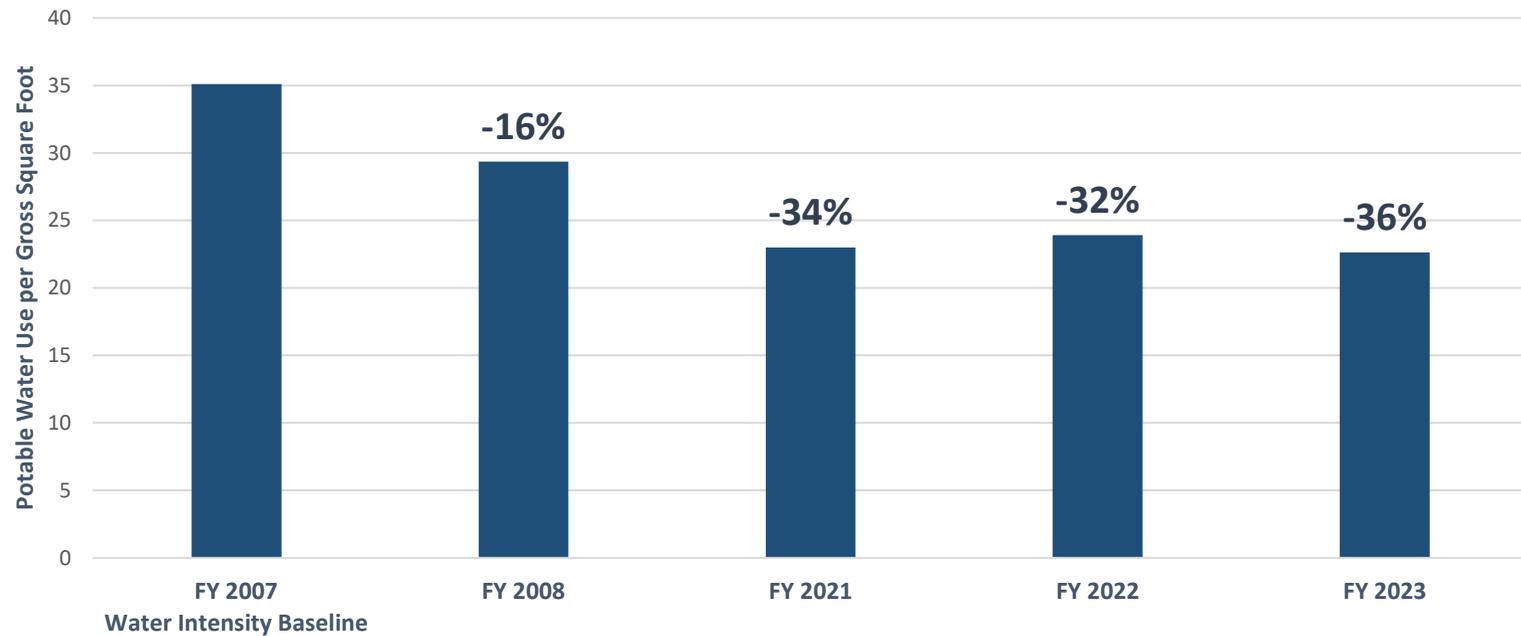
Department of Homeland Security
FY 2023 Sustainability Scorecard



Federal Facility Water Use

Facility Water Intensity

Reduction in facility water intensity (Gallons per GSF from a 2007 baseline)



Annual Progress from Prior Year

-1

Gallons per GSF Change

-5.4%

Water Intensity Details

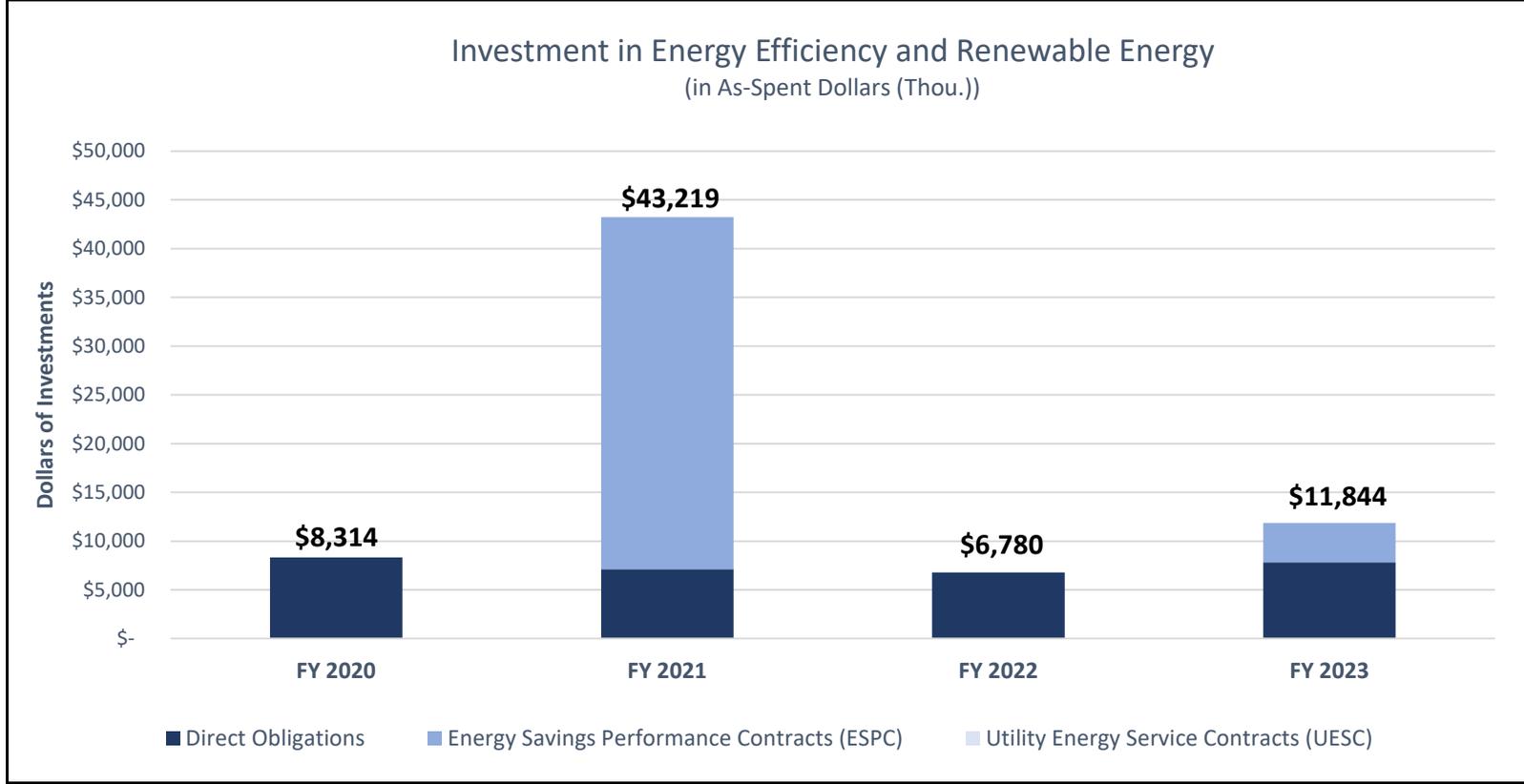
	<u>FY23</u>
Gallons (Million)	1,125
GSF (Thou.)	49,735

Water Intensity **22.6**

For abbreviations and definitions— See OMB Scorecard Glossary

Department of Homeland Security
FY 2023 Sustainability Scorecard

 **Federal Facility Efficiency Investments**



For abbreviations and definitions— See OMB Scorecard Glossary

Annual Progress	
Percent of total investments completed by ESPC or UESCs over the last 4 years	57%
Percent of covered facilities evaluated for efficiency opportunities	88%

Agency Facility Investments in ECMs		
Type of Investment	Thou. \$	% of investment
Direct Obligations	\$7,795	66%
ESPC	\$4,050	34%
UESC	\$0	0%

Total (M\$)	\$11.8
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OMB Scorecard Glossary

Abbreviations

Btu = British thermal units CFE = Carbon Pollution Free Electricity ECM = efficiency/conservation measure ESPC = Energy Savings Performance Contracts	EVSE = electric vehicle supply equipment (e.g. Charging Ports) GHG = greenhouse gas GSF = Gross square foot (or feet) ICE = Internal Combustion Engine KWh = Kilowatt hours	LDV = Light Duty Vehicle MTCO_{2e} = Metric Tons of Carbon Dioxide Equivalent N/A = data not available UESC = Utility Energy Service Contracts ZEV = Zero Emissions Vehicles
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Progress Indicators

Bottom 25%	Middle	Top 25%
Lower Quartile or 25th percentile relative to other Scorecard Agencies	Middle Quartiles or >25 th , but <75th, percentile relative to other Scorecard Agencies	Upper Quartile or 75th percentile relative to other Scorecard Agencies

Terminology

TOPIC

DATA SOURCE and TERMINOLOGY DEFINITIONS

NET-ZERO EMISSIONS OPERATIONS

Source: Agency greenhouse gas emission are calculated from the agency submitted Annual Energy Management Data Reports. Details and background data can be found on FEMP's [Comprehensive Annual Energy Data and Sustainability Performance](#) data site.

- **Standard Operations:** Any emissions from operations not designated, under section 602 of E.O. 14057, as exempted and reported as non-standard operations. Non-Standard Operations are vehicles, vessels, aircraft and other equipment used by Federal Government agencies in combat support, combat service support, tactical or relief operations, training for such operations, law enforcement, emergency response, or spaceflight (including associated ground-support equipment). Non-Standard operations also includes generation of electric power produced and sold commercially to other parties.
- **Scope 1 (Covered Fleets):** Emissions from standard operations from the agency's fleet of passenger fleet vehicles.
- **Scope 1 (Other):** Emissions from fluorinated gases and other fugitive emissions, on-site wastewater treatment, on-site landfills and municipal solid waste facilities, manufacturing and industrial processes, and from non-passenger fleet vehicles, aircraft, ships, and mobility equipment reported as standard operations.
- **Scope 1 (Facilities):** Emission from standard operations of on-site fuel consumption at federal facilities, including natural gas, fuel oil, LPG/propane, coal and any other fossil fuel.
- **Scope 2 (Facilities):** Emissions from standard operations of any purchased electricity, purchased biomass energy, purchased steam and hot water, purchased chilled water, purchased energy from combined heat/power plants, and renewable energy purchases.

See [E.O. 14057 Implementing Instructions for Federal Agencies](#) for more details on definitions.

CARBON POLLUTION-FREE ELECTRICITY

Source: Agency electric energy consumption is submitted to DOE-FEMP through Annual Energy Management Data Report. Details and background data can be found on FEMP's [Comprehensive Annual Energy Data and Sustainability Performance](#) data site.

- **Agency CFE:** Includes electricity generated at a Federal facility, electricity purchased from a qualifying CFE generation source with the associated energy attribute certificates (EACs) and Purchased or unbundled EAC.
- **Grid-supplied CFE:** CFE delivered as part of default electricity service or the electricity grid mix from a utility or electric service provider.
- **Non-CFE:** Electricity from non-carbon pollution free electricity sources.

See [E.O. 14057 Implementing Instructions for Federal Agencies](#) for more details on definitions.

OMB Scorecard Glossary

Terminology and Progress Indicators

TOPIC	DATA SOURCE and TERMINOLOGY DEFINITIONS
<p>ZERO-EMISSION VEHICLE ACQUISITIONS</p>	<p>Source: Agency fleet inventory and EVSE installation data was reported in the Federal Automotive Statistical Tool (FAST). Acquisition (vehicle order) data was provided by GSA.</p> <ul style="list-style-type: none"> • Light Duty: A vehicle weighing 8,500 pounds gross vehicle weight rating or less, certified for use on all public roads and highways. (Sec. VII of M-22-06) • Vehicle Acquisition: The placement of an order for a vehicle, recognizing fulfillment and timing of delivery is not within an agency’s control. • Vehicle Inventory: Vehicles in agency operation as of September 30 of the fiscal year as reported in FAST. • Charging Port: Electric vehicle supply equipment connector in agency operation as of September 30 of the fiscal year as reported in FAST. A charging station may have multiple ports. <p>See E.O. 14057 Implementing Instructions for Federal Agencies for more details on definitions.</p>
<p>NET-ZERO EMISSIONS BUILDINGS</p>	<p>Source: Agency facility greenhouse gas emission are calculated from the agency submitted Annual Energy Management Data Reports. Details and background data can be found on FEMP’s Comprehensive Annual Energy Data and Sustainability Performance data site.</p> <ul style="list-style-type: none"> • Scope 2 - Other Purchased Energy: Emissions from standard operations from any purchased biomass energy, purchased steam and hot water, purchased chilled water, purchased energy from combined heat/power plants, and renewable energy purchases. <p>See E.O. 14057 Implementing Instructions for Federal Agencies for more details on definitions.</p>
<p>FACILITY ENERGY EFFICIENCY</p>	<p>Source: Agency facility energy use is submitted to DOE-FEMP through Annual Energy and Water Use Reports. Details and background data can be found on FEMP’s Comprehensive Annual Energy Data and Sustainability Performance data site.</p> <ul style="list-style-type: none"> • Purchased Thermal Energy: Include energy from purchased steam and hot water and purchased chilled water. • Purchased Renewables and Adjustments: Includes renewable energy purchases but not on-site RE, subtracts source-energy-saving project credit, weather normalization credit, and project savings in Excluded buildings credit).
<p>FACILITY WATER EFFICIENCY</p>	<p>Source: Agency facility water use is submitted to DOE-FEMP through Annual Energy Data Reports. Details and background data can be found on FEMP’s Comprehensive Annual Energy Data and Sustainability Performance data site.</p>
<p>FACILITY EFFICIENCY MEASURES/ INVESTMENT</p>	<p>Source: Agency facility efficiency investments are submitted to DOE-FEMP through Annual Energy Data Reports. Details and background data can be found on FEMP’s Comprehensive Annual Energy Data and Sustainability Performance data site.</p>