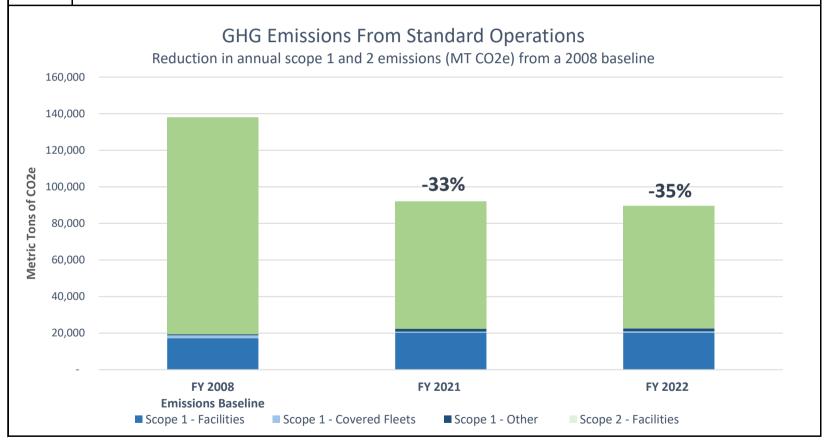
FY 2022 Sustainability Scorecard



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

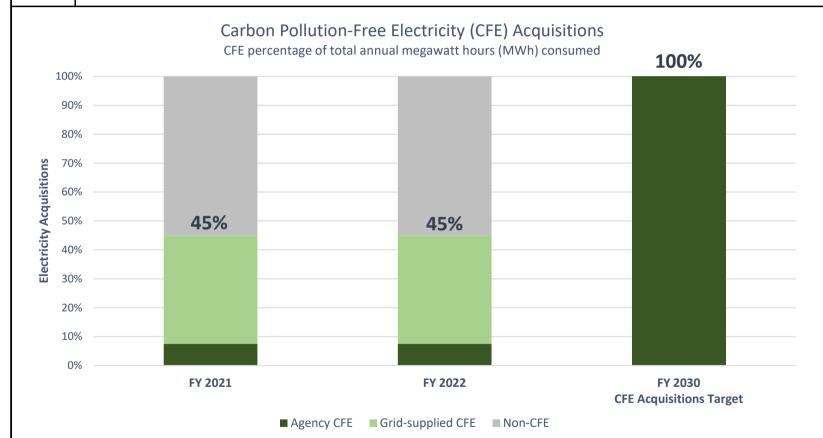


**Annual Progress from Prior Year** +199 -2,715 Scope 2 Emissions Scope 1 Emissions +1% -4% **FY 2022 Standard Operations Emissions Scope and Category** MTCO2e % of Total Scope 1 -809 1% **Covered Fleets** Scope 1 -2% 1,545 Other Scope 1 -23% 20,226 **Facilities** Scope 2 -66,948 75% **Facilities** 89,528 **Total** 

FY 2022 Sustainability Scorecard



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



#### **Agency Progress Indicator**

Agency progress as compared to all other Scorecard Agencies overall progress in FY22 towards the 2030 CFE acquisition goal.

#### **Top 25%**

#### **Annual Progress from Prior Year**

+6,225

MWh of CFE Acquisition

+8%

#### **FY 2022 Agency Electricity Profile**

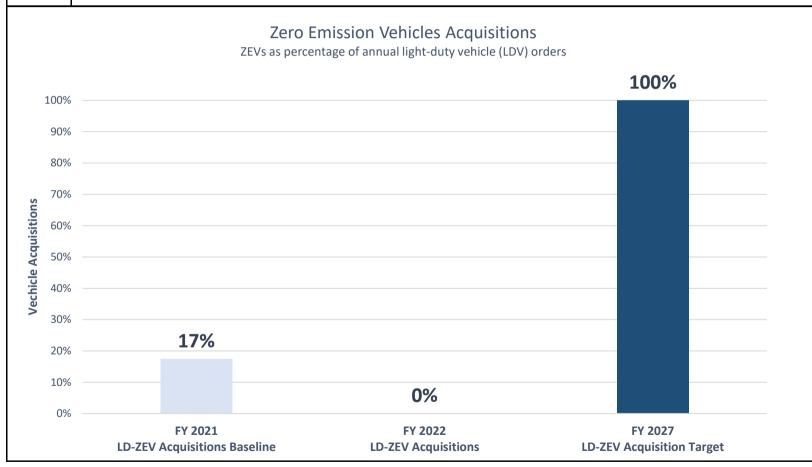
Category	<u>MWh</u>	% of Total
Agency CFE	13,524	8%
Grid-Supplied CFE	67,575	37%
Non-CFE	99,220	55%

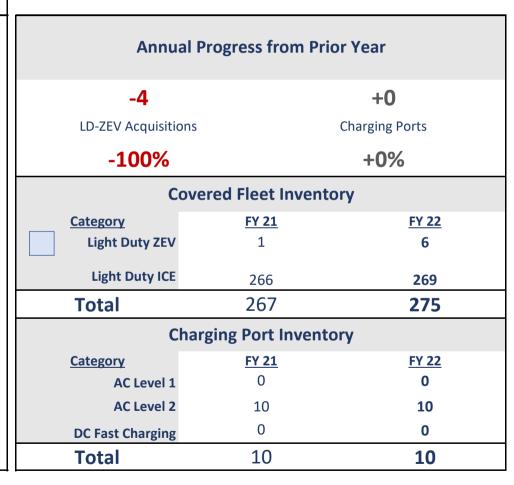
Total 180,319

FY 2022 Sustainability Scorecard



#### 100% Zero-Emission Vehicle Acquisitions by 2035

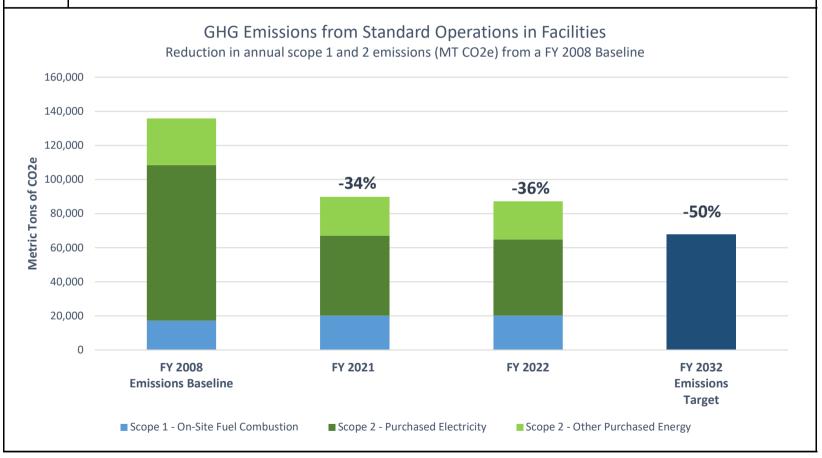




#### FY 2022 Sustainability Scorecard



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

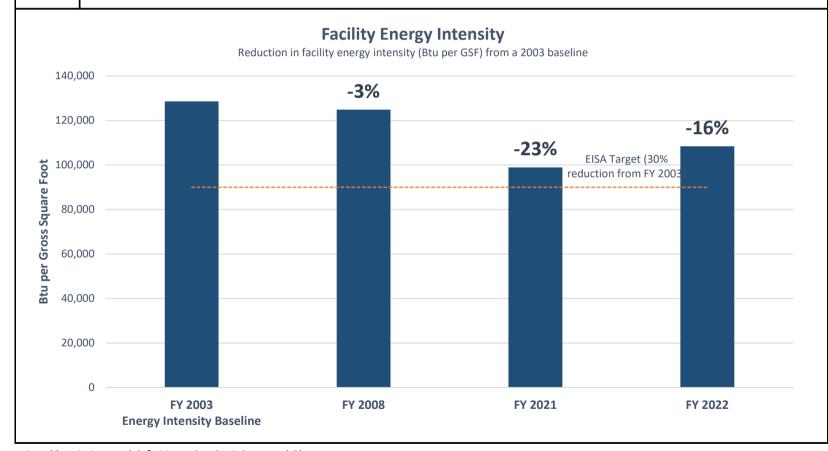


Annual Progress from Prior Year		
+49		-2,715
Scope 1 Emissions	S Sc	cope 2 Emissions
+0%		-4%
FY 2022 Buildings Standard Emissions		
GHG	MTCO2e	% of Total
Scope 1 - On-Site Fuel Combustion	20,226	23%
Scope 2 - Purchased Electricity	44,577	51%
Scope 2 - Other Purchased Energy	22,371	26%
Total	87.	174

FY 2022 Sustainability Scorecard



#### Federal Facility Energy Use



For abbreviations and definitions—See OMB Scorecard Glossary

#### **Agency Progress Indicator**

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



Not Met Exceeded

#### **Annual Progress from Prior Year**

+9,463

Btu per GSF

+9.6%

#### **Energy Intensity Details**

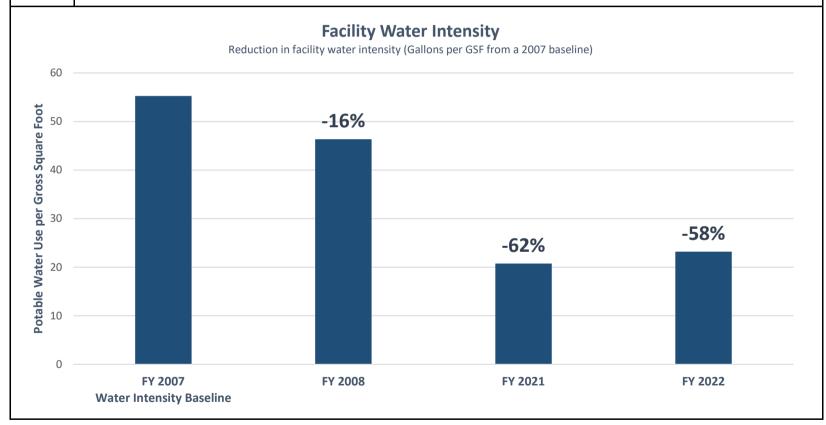
End Use	Site-Delivered BBtu	% of Total
Electricity	616	47%
<b>On-Site Fuel Combustion</b>	372	29%
<b>Purchased Thermal</b>	348	27%
On-Site Renewables and Other Adjustments	-33	-3%
End-Use Sector Total	1,304	
<b>Gross Square Feet (Thou.)</b>	12,	029
_	_	

**Energy Intensity** 

108,391

#### FY 2022 Sustainability Scorecard

#### **Federal Facility Water Use**



For abbreviations and definitions—See OMB Scorecard Glossary

#### **Agency Progress Indicator**

Agency progress as compared to all other Scorecard Agencies overall progress in FY22, regarding reductions from a 2007 Baseline

**Top 25%** 

#### **Annual Progress from Prior Year**

+2

Gallons per GSF Change

+11.8%

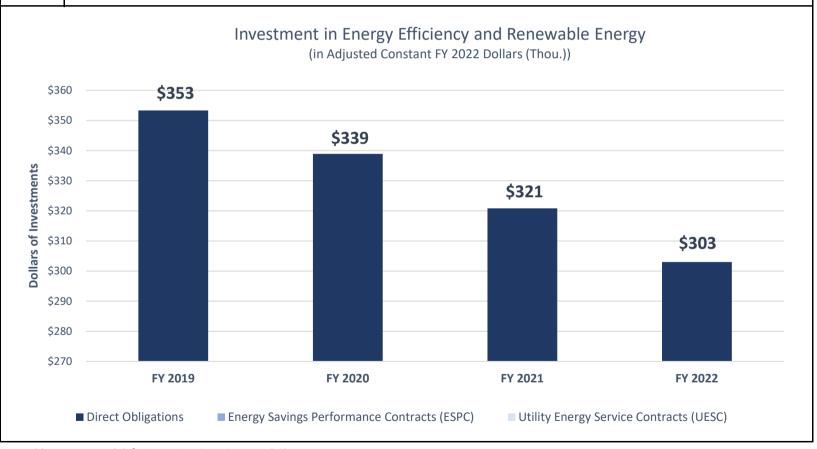
# Water Intensity Details FY22 Gallons (Million) 279 GSF (Thou.) 12,029

Water Intensity 23.2

FY 2022 Sustainability Scorecard



#### Federal Facility Efficiency Investments



	Annual Progress	
	nvestments completed by UESCs over the last 4 years	0%
Percent of covered faciliti	es evaluated for efficiency opportunities	33%
Agency Facility Investments in ECMs		
Type of Investment	<u>Thou. \$</u>	% of investment
Direct Obligations	\$303	100%
ESPC	\$0	0%
UESC	\$0	0%
Total (M\$)	\$0.	3

### **OMB Scorecard Glossary**

Abbreviations		
Btu = British thermal units	EVSE = electric vehicle supply equipment	LDV = Light Duty Vehicle
CFE = Carbon Pollution Free Electricity	(e.g. Charging Ports)	MTCO2e = Metric Tons of Carbon Dioxide
ECM = efficiency/conservation measure	GHG = greenhouse gas	Equivalent
ESPC = Energy Savings Performance	<b>GSF</b> = Gross square foot (or feet)	N/A = data not available
Contracts	ICE = Internal Combustion Engine	<b>UESC</b> = Utility Energy Service Contracts
	KWh = Kilowatt hours	<b>ZEV</b> = Zero Emissions Vehicles

<b>Progress Indicators</b>	
Top 25%	
Upper Quartile or 75th percentile relative to other Scorecard Agencies	

Terminology		
TOPIC DATA SOURCE and TERMINOLOGY DEFINITIONS		
	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.	
NET-ZERO EMISSIONS	Scope 1 (Covered Fleets): Emissions from standard operations from the agency's fleet of passenger fleet vehicles.	
OPERATIONS	• 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 <u>E.O. 14057 Implementing Instructions</u> for Federal Agencies for more details on definitions.	
	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.	
CARBON POLLUTION-FREE	<ul> <li>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.</li> </ul>	
ELECTRICITY	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
ZERO-EMISSION VEHICLE ACQUISITIONS	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.  • 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.  See E.O. 14057 Implementing Instructions for Federal Agencies for more details on definitions.
NET-ZERO EMISSIONS BUILDINGS	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.  • 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.  See E.O. 14057 Implementing Instructions for Federal Agencies for more details on definitions.
FACILITY ENERGY EFFICIENCY	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 <a href="Comprehensive Annual Energy Data and Sustainability Performance">Comprehensive Annual Energy Data and Sustainability Performance</a> data site.  • 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).
FACILITY WATER EFFICIENCY	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.
HIGH PERFORMANCE SUSTAINABLE BUILDINGS	Source: Agency sustainable building inventory is reported through GSA's Federal Real Property Profile Management System. Details and background data can be found in the Federal Real Property Public Data Set (FRPP).  • Assessed as Sustainable: Any building which meets the criteria as laid out in the CEQ Guiding Principles for Sustainable Federal Buildings and Associated Instructions.  • Applicable Buildings: All sustainable buildings and all federal buildings over 25,000 sq.ft. which met the criteria as detailed in Section 32 of the GSA 2022 Guidance for Real Property Inventory Reporting.
FACILITY EFFICIENCY MEASURES/ INVESTMENT	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.