



GreenGov 2025 Annual Report

Incorporating environmentally sustainable practices into the Commonwealth's policy, planning, operations, procurement, and regulatory functions





About Us

The GreenGov Council is chaired by the Department Secretaries of:

- Conservation & Natural Resources
- Environmental Protection
- General Services



Pennsylvania
**Department of
Environmental Protection**

Jessica Shirley, DEP Secretary



Pennsylvania
**Department of Conservation
and Natural Resources**

Cindy Adams Dunn, DCNR Secretary



Pennsylvania
Department of General Services

Reggie McNeil, DGS Secretary

We Are



Mark Hand
Director



Matt Reis
Deputy Director



Chris Nafe
Energy Program
Specialist



Colleen Unroe
Energy Program
Specialist

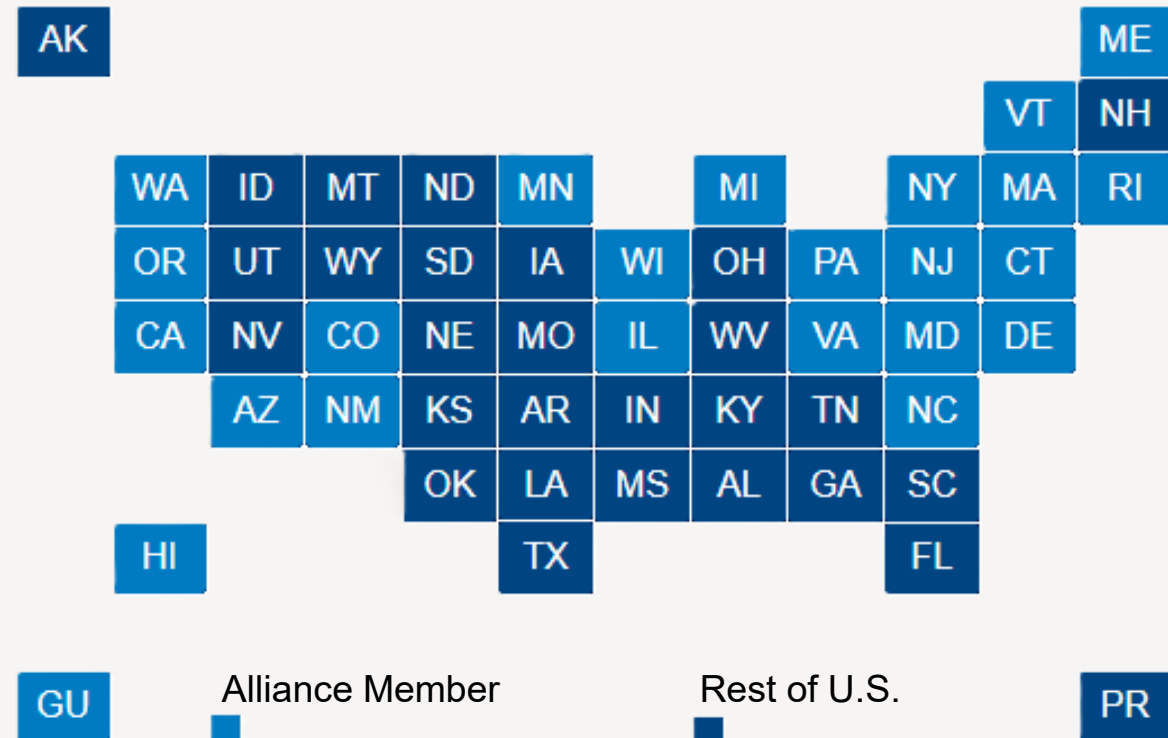
US Climate Alliance

PA Participation

“The U.S. Climate Alliance is a Bipartisan Coalition of 24 Governors Securing America’s Net-Zero Future by Advancing State-Led, High-Impact Climate Action”

Pennsylvania has been a Member of the US Climate Alliance Since 2019

www.usclimatealliance.org



Commonwealth Agency Goals

Lead-By-Example

Reduce

Overall energy consumption by 3% per year within the Commonwealth's building portfolio

Replace

25% of the state passenger fleet with Battery Electric Vehicles and Plug-In Hybrid Electric Vehicles

Procure

















Renewable energy to offset at least 40% of the Commonwealth's annual electricity, and/or directly purchase renewable power generation sited within PA

Build

New buildings, major renovations, build to suit leased buildings to high-performance building standards

Agency Energy Performance

Fiscal Year 2023/2024 – 2024/2025

State Reporting Agency	Normalized Use (MMBtu)	# Reporting Meters	% of Reporting Meters	FY 2023 Baseline MMBtus	FY 2024 Current MMBtus	Change in Energy Usage	FY 2023 Baseline CO2 Metric Tons*	FY 2024 Current CO2 Metric Tons*	Change in CO2 Metric Tons
Department of Corrections		233	97%	2,033,281	2,157,332	6.1%	85,668	93,023	7,355
Department of Human Services		81	93%	892,893	908,776	1.8%	38,962	42,341	3,379
Department of Military and Veterans Affairs		760	96%	618,200	672,800	8.8%	31,683	36,394	4,711
Department of General Services		53	93%	502,647	531,923	5.8%	24,385	24,907	522
Department of Transportation		3,078	88%	401,828	415,778	3.5%	23,227	24,744	1,517
Pennsylvania State Police		401	98%	140,822	141,587	0.5%	4,634	4,812	178
Department of Conservation and Natural Resources		1,893	98%	110,049	110,978	0.8%	5,499	5,781	282
Department of Labor and Industry		9	90%	60,485	60,539	0.1%	2,085	2,268	183
Pennsylvania Fish & Boat Commission		86	97%	47,426	50,467	6.4%	1,881	2,017	136
Department of Agriculture		13	100%	46,438	55,108	18.7%	1,360	1,765	405
Pennsylvania Historical & Museum Commission		117	94%	29,276	28,747	-1.8%	1,854	1,829	-25
Department of Environmental Protection		114	96%	26,170	29,880	14.2%	796	738	-58
Pennsylvania Emergency Management Agency		14	100%	20,731	18,892	-8.9%	1,439	1,339	-100
Pennsylvania Game Commission		215	96%	13,614	14,261	4.8%	709	769	60
Department of Revenue		5	100%	13,463	13,497	0.3%	764	709	-55
Department of Health		3	100%	8,032	8,075	0.5%	110	123	13
Totals:		7,075	93%	4,965,355	5,218,640	5.10%	225,056	243,559	18,503

*MMBtus supplied through PA PULSE solar electricity contract are carbon-free. These values reflect 0 tons CO2 for those MMBtus.

General Note: MMBtu data are weather normalized. Emissions data are not normalized. Some mismatches may appear.

EV & EV Charging

Infrastructure Investments

514 EV Charging Plugs Delivered
with 120+ More in Process

27% of EV Goal Reached
310 Units of 1138 Unit Goal
(1138 is 25% of the Passenger Fleet)



Overall EV Charging Plug Delivery Status	
Total EV Plug Heads Completed:	514
Total EV Plug Heads In Design and/or Construction:	97
Total EV Plug Heads in Future Planning:	26
Total Count Completed & Planned (Agency Use):	637
DCNR State Park Completed & Planned (Public Use):	122
Overall Commonwealth-Owned EV Charging Plugs:	759

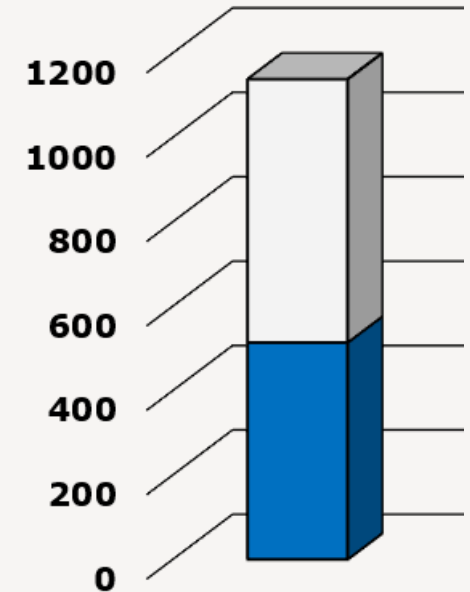
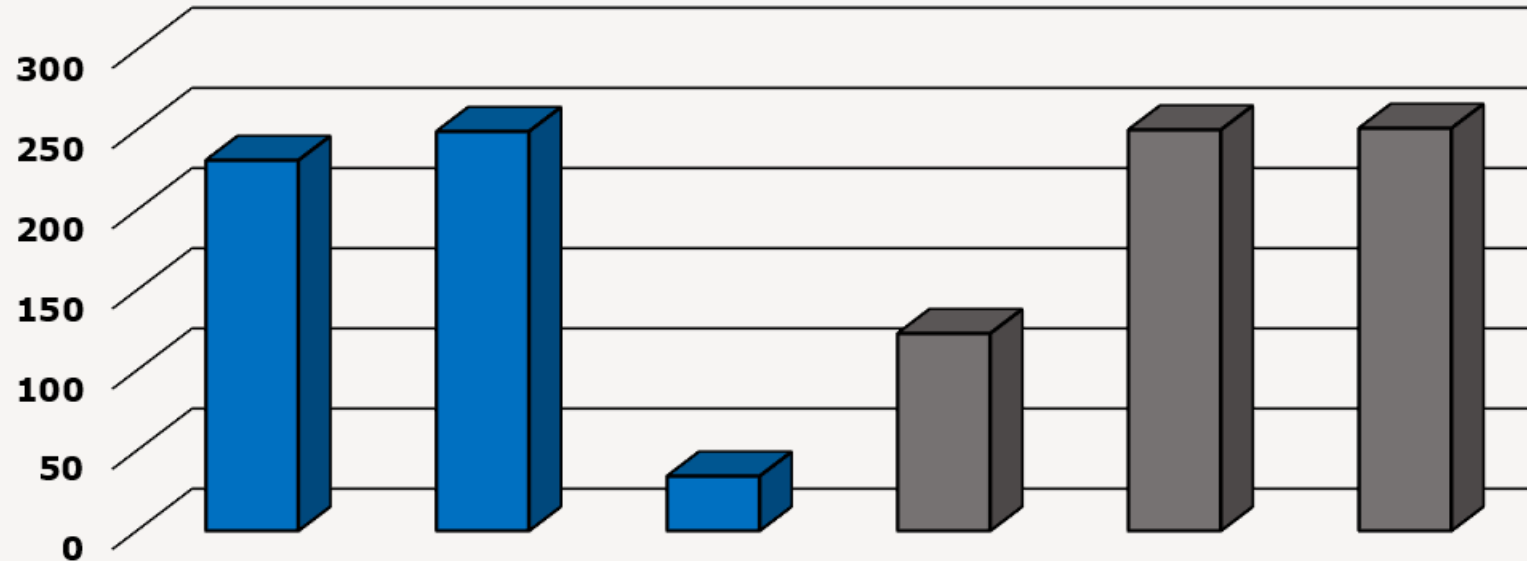
Charging Plug Annual Delivery

Projected 1138 Unit Goal

EV Plug Delivery Status

Year	2017-2023	2024	2025	2026	2027	2028
Plugs Delivered	231	249	34	123	250	251
Percentage Complete	20%	42% (480 Total)	45% (514 Total)	56% (637 Total)	78% (887 Total)	100% (1138 Total)

Total Plugs	Percentage
514 of 1138	45%

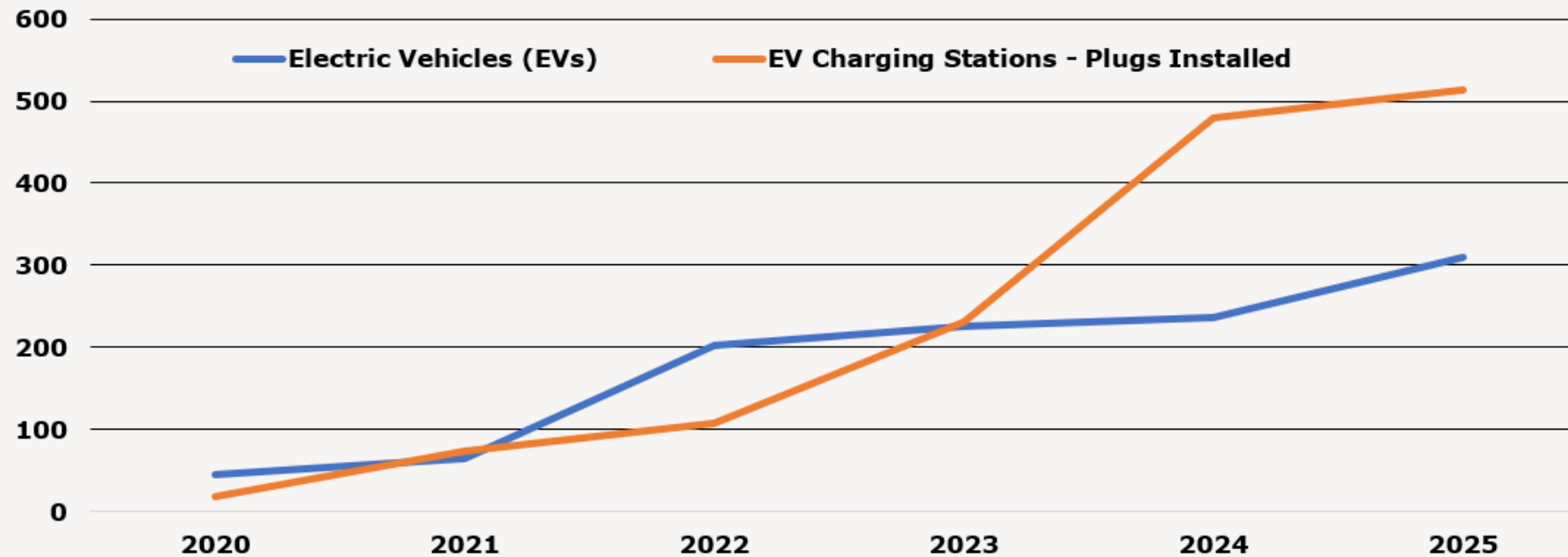


120+ Plugs Planned for 2026!

Commonwealth Vehicle Fleet*

Electric Vehicles & Charging Stations

Equipment Description	Count 2020	Count 2021	Count 2022	Count 2023	Count 2024	Count 2025
Electric Vehicles (EVs)	45	64	203	225	236	310
EV Charging Stations - Plugs Installed	19	74	108	231	480	514



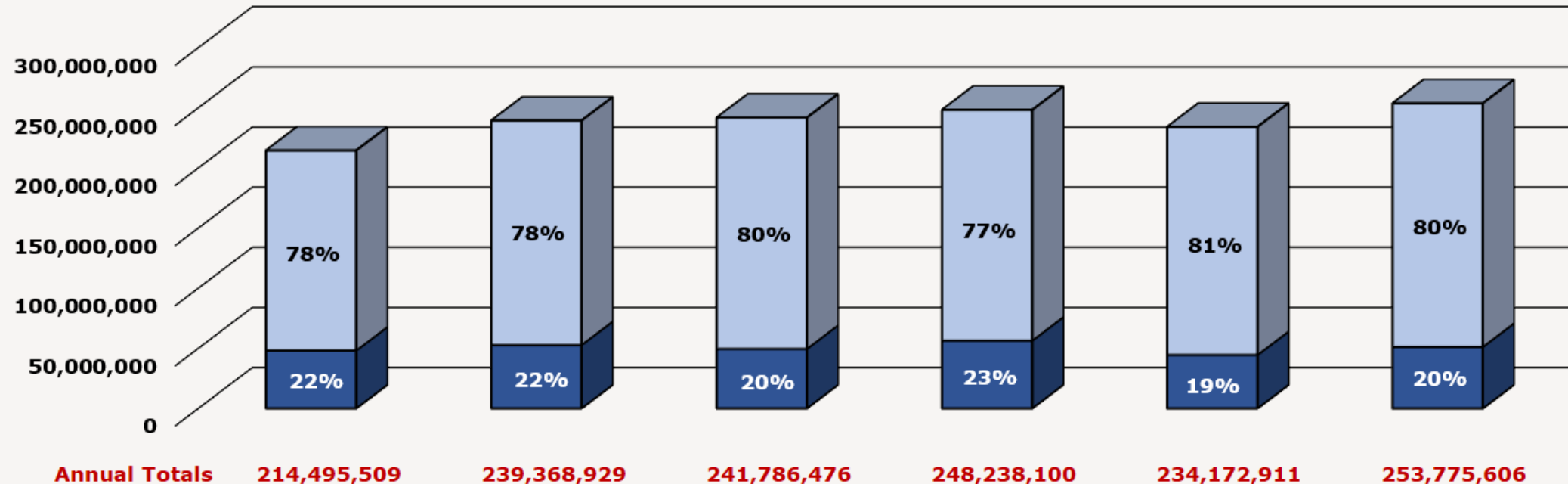
*PA Turnpike fleet not included

2020-2025 Rolling
Annual Report
Ending November 30

Commonwealth Vehicle Fleet

Annual VMT Comparison

Vehicle Classification	Vehicle Miles Traveled					
	2020	2021	2022	2023	2024	2025
Passenger* (Class 1-2)	48,070,127	52,674,806	49,455,037	56,317,249	44,425,911	51,109,706
All Remaining Vehicles (Classes 3-8)	166,425,382	186,694,123	192,331,439	191,920,851	189,747,000	202,665,900

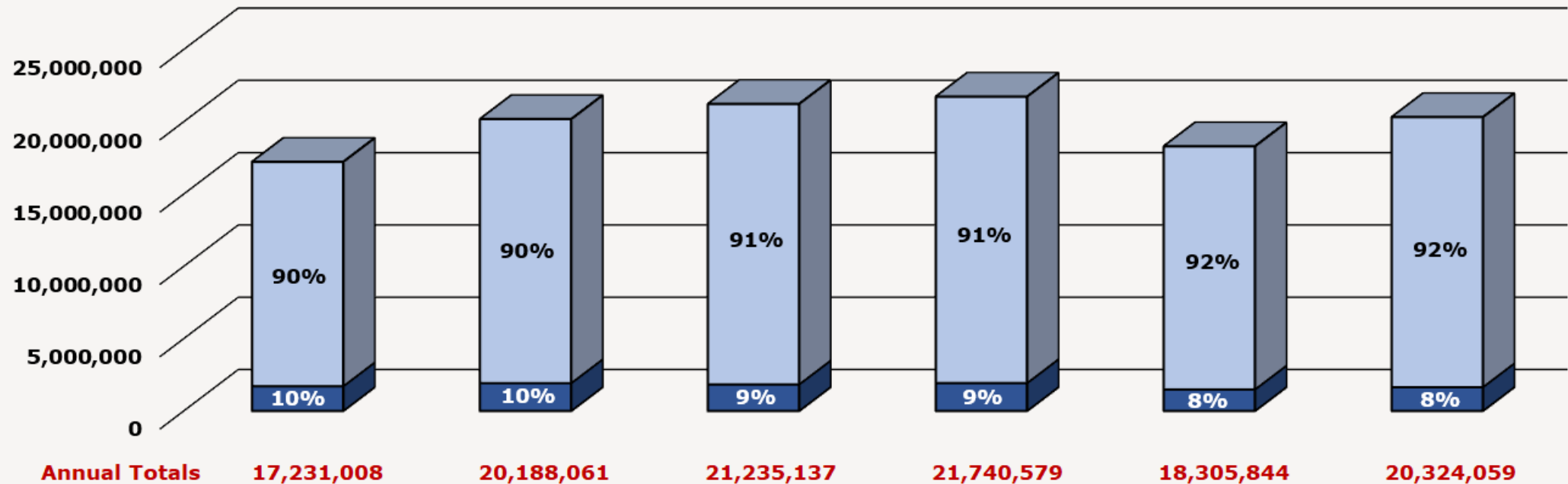


*Law enforcement vehicles & pickup trucks not included

Commonwealth Vehicle Fleet

Annual Fuel Consumption Comparison

Vehicle Classification	Gallons, Gasoline & Diesel Combined					
	2020	2021	2022	2023	2024	2025
Passenger* (Class 1-2)	1,712,478	1,926,828	1,837,297	1,932,142	1,490,847	1,649,179
All Remaining Vehicles (Classes 3-8)	15,518,530	18,261,233	19,397,840	19,808,437	16,814,997	18,674,880



*Law enforcement vehicles & pickup trucks not included

Renewable Energy

Power Purchase Agreements

PA PULSE – Project to Utilize Light and Solar Energy

Powering 50% of PA State Portfolio with Clean, Renewable Electricity

158 Megawatts of Power to Utility Accounts Across 16 State Agencies

Providing Carbon-Free Electricity to State Agencies through 2041

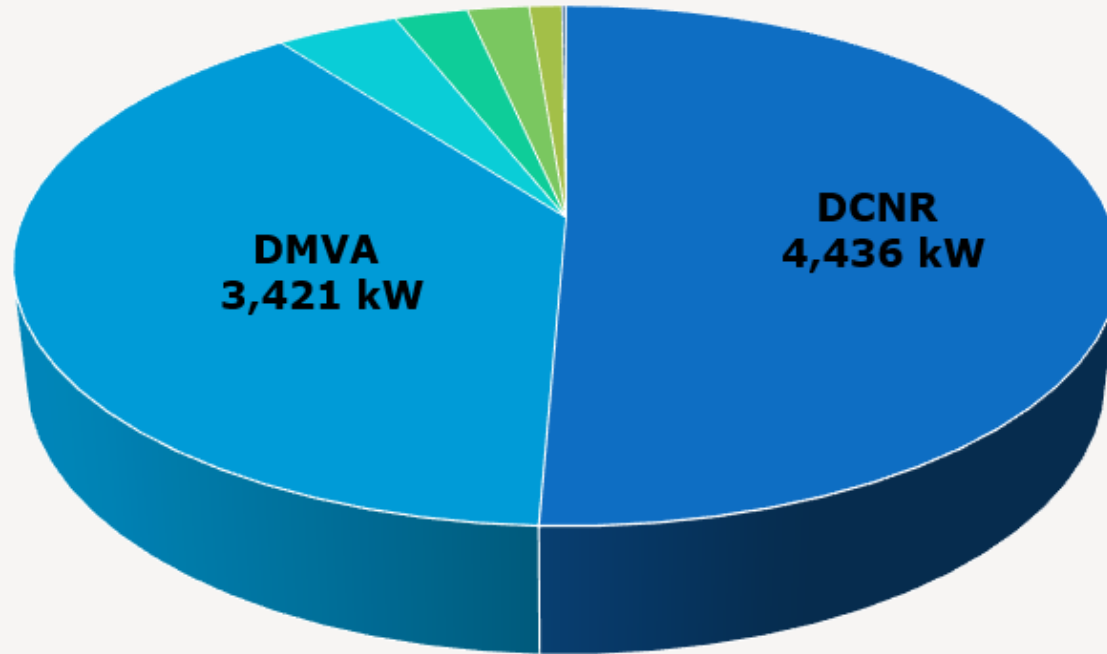


Pennsylvania
Department of General Services



On-Site Solar Installations

Commonwealth-Owned



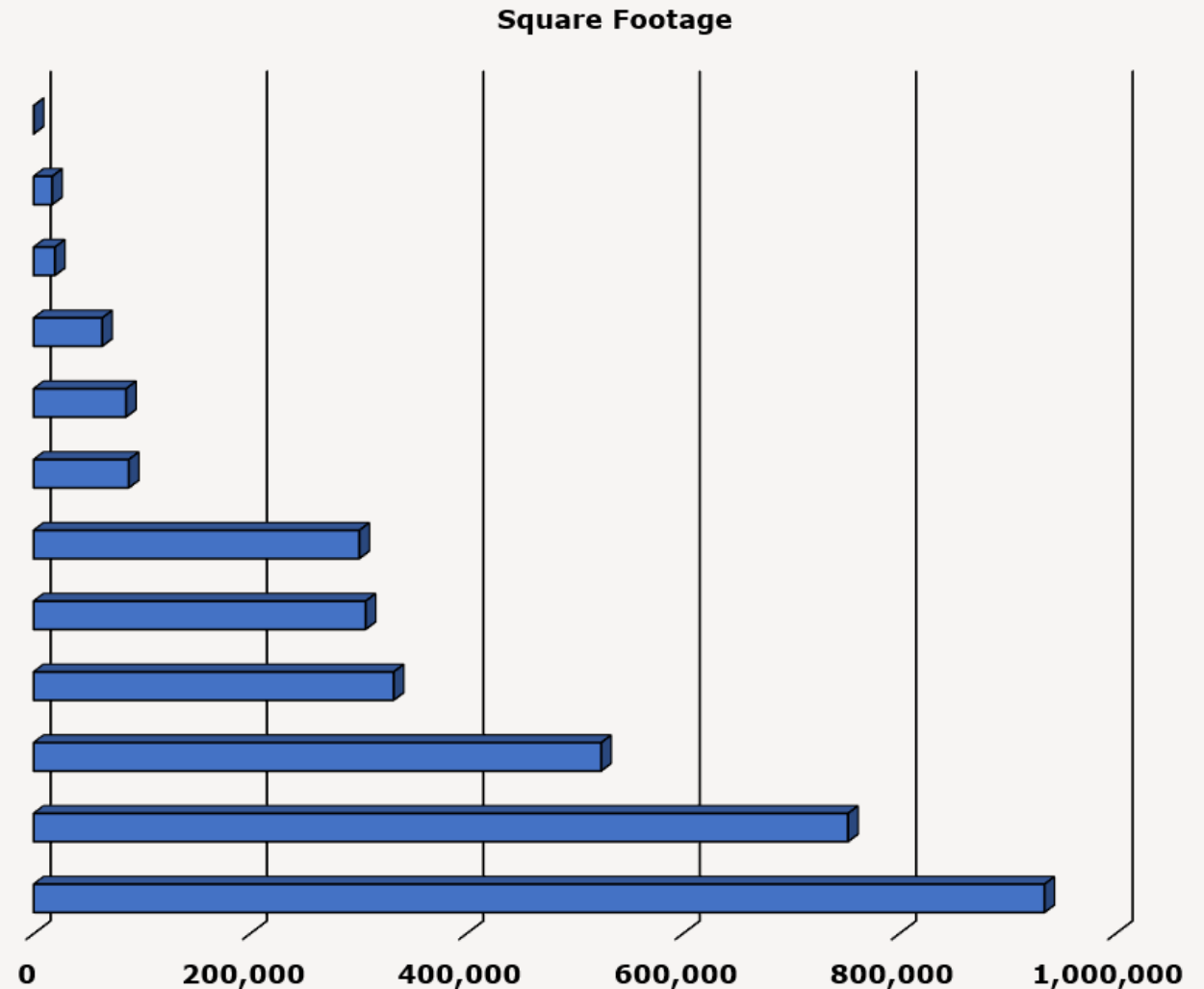
- Dept. of Conservation & Natural Resources (4,436 kW)
- Dept. of Military & Veteran's Affairs (3,421 kW)
- Dept. of Environmental Protection (374 kW)
- Edinboro University (225 kW)
- Millersville University (189 kW)
- Dept. of Agriculture (100 kW)
- Dept. of Labor & Industry (10 kW)
- Governor's Residence (3 kW)

Total Solar Capacity 2025: 8,758 kW

High-Performance Buildings

Projects by Agency

Agency	Buildings	Value (M)	Square Footage
PEMA	1	TBD	TBD
Fish & Boat Commission	2	\$7.76	17,050
Historical & Museum Comm.	2	\$8.48	19,600
Corrections	3	\$42.20	63,300
Game Commission	4	\$47.39	85,355
DCNR <small>(1 project cost TBD)</small>	10	\$68.53	87,900
Joint Laboratory <small>(multiple agencies)</small>	1	\$325.00	301,000
PennDOT	6	\$218.10	306,796
DMVA	13	\$293.60	332,770
Human Services	2	\$390.45	524,500
State Police	2	\$319.00	752,635
Higher Education*	16	\$335.00	934,201
Totals:	62	\$2,055.51	3,425,107

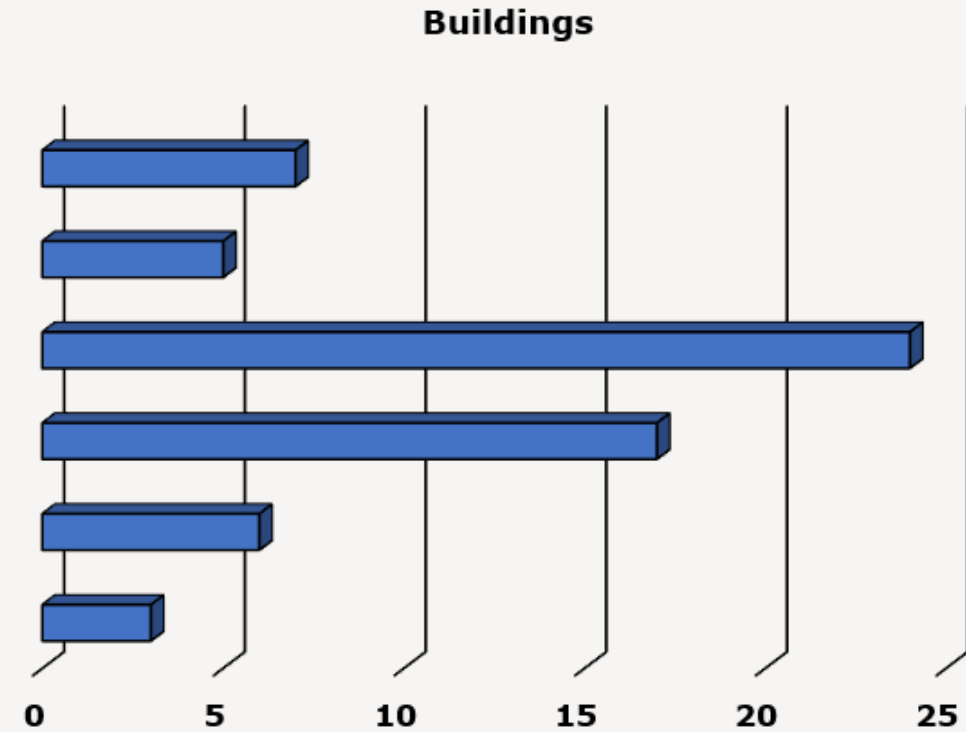


* Includes PASSHE (10), State-Related (4) & Independent Higher Education Schools (2)

High-Performance Buildings

Projects by Delivery Phase

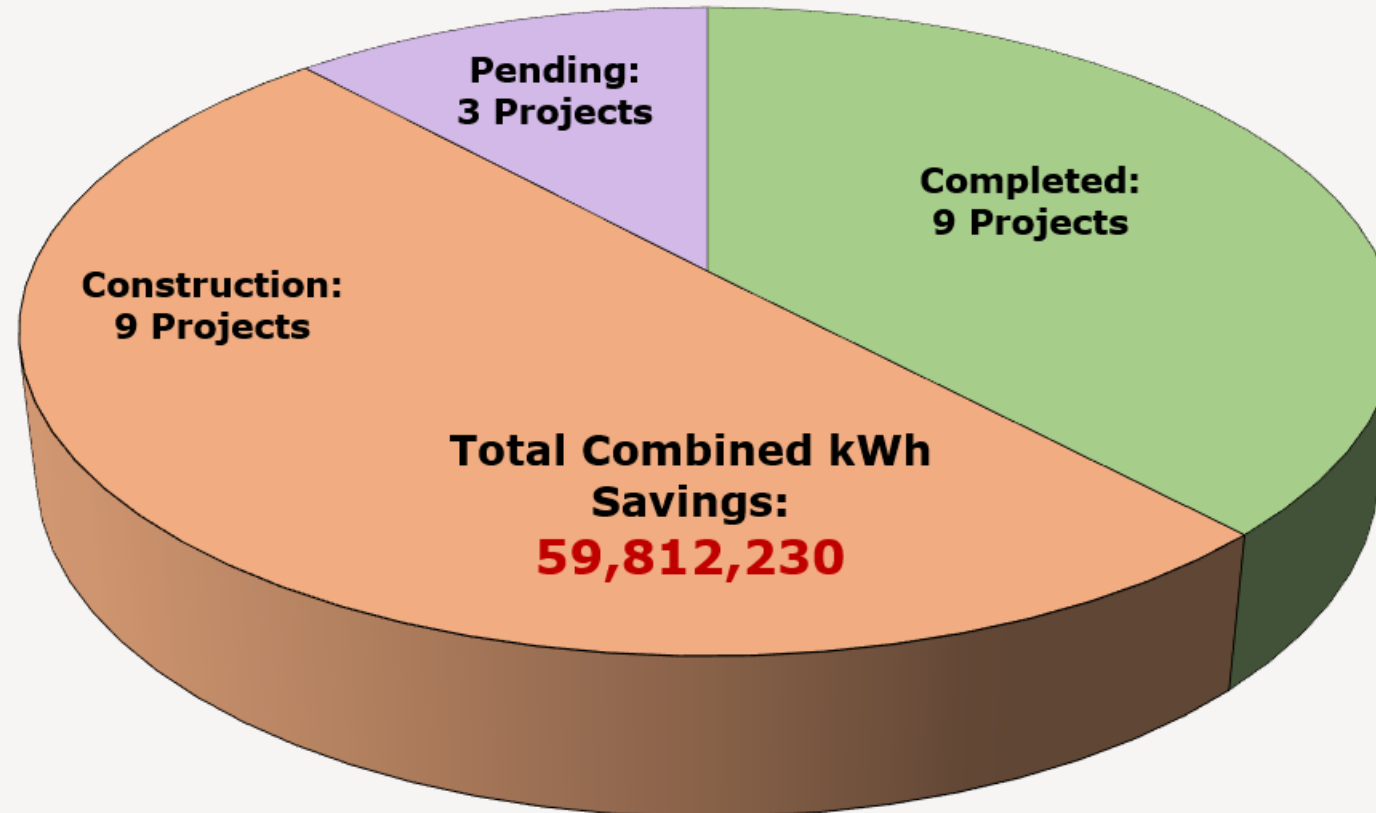
Delivery Phase	Value (M)	Square Footage	Buildings
Completed	\$42.73	92,867	7
In Close-Out	\$123.92	175,277	5
In Construction	\$449.17	1,250,151	24
In Design	\$626.27	923,012	17
In Pre-Design / Procurement	\$731.42	859,500	6
Temporarily Suspended	\$82.00	124,300	3
Totals:	\$2,055.51	3,425,107	62



Guaranteed Energy Savings Act Projects

Kilowatt-hour Savings by Delivery Phase*

Completed	Construction	Pending**
22,711,514	30,032,695	7,068,021



*KWH figures are derived through project Investment-Grade Audits **KWH figures for two of the three "Pending" projects are TBD

GreenGov Program Agency Work Groups



**Incorporating
Sustainability and
Resilience into
Commonwealth
Operations**

Sustainability Teams

Building Performance

Clean Transportation

Products & Materials

Agency Work Group Summary

Sustainability Teams

Summary	Workplan
<p>The Sustainability Teams Group is working to develop and implement Agency Sustainability Team models & policies, create employee & public engagement messaging templates, as well as the implementation of strategic business actions resulting in consolidation and reduction.</p>	<ul style="list-style-type: none"> • Agency Sustainability Teams & Policy Models • Sustainability Actions, Messaging & Awards Program • Identification of Energy & Carbon Reduction Strategies

Building Performance

Summary	Workplan
<p>The Building Performance Work Group is the intersection of facility energy tracking, facility management and critical project investment, all used as foundational tools to establish and employ portfolio-wide Building Performance Standards enabling us to meet our energy and carbon reduction goals.</p>	<ul style="list-style-type: none"> • Development of Building Performance Standards • Energy Tracking to Identify Project Opportunities • Best Practices to Maintain High-Performance Facilities

Products & Materials

Summary	Workplan
<p>The Products & Materials Work Group is developing enhanced recycling plans, environmentally preferred product procurements and sustainable operations for the use and implementation of all agencies in facilities state-wide, including pilot programs as well as employee participation and education components.</p>	<ul style="list-style-type: none"> • Environmentally-Preferred Procurement Expansion • Agency & Employee Messaging & Education • Recycling Kiosks Program Rollout

Clean Transportation

Summary	Workplan
<p>The Clean Transportation group is assessing agency vehicle fleets, identifying opportunities for electrification and clean vehicles within agency portfolios. The group works to develop plans & locations for new charging station opportunities, as well as educational tools for the adoption & use of clean vehicles.</p>	<ul style="list-style-type: none"> • Clean Vehicle Fleet Transition & Best Practices • EV Education & Policy Recommendations • EV Charging - Project Planning & Delivery

GreenGov Checklist

Assessment Tool to Gauge Achievement Efforts on Performance Goals

Menu of Measures and Strategies for Conservation and Sustainability

Benchmarking and Evaluation to Track Implementation Progress

Results Sharing with Other Agencies and the Public

Rev. 5/14/2026

GreenGov Agency Certification Checklist Fiscal Year 2025-2026 Reporting

Agency Representative Sign-off: Agency Executive Sign-off:

Points Applicable	Points Earned	Bonus Points	Score
203	0	0	0%

Instructions:

- Review each measure and answer based upon actions of your Agency within the fiscal year of July 1, 2025 through June 30, 2026.
- As each measure is evaluated, begin with the following preface: "Since July 2025, as an Agency have you..."
- The Checklist will automatically tally all points earned based upon measures applicable to your Agency.
- Once completed, type in your Agency sign-offs above and save the document with your Agency name in the title.

Scoring:

- Score will be based upon the percentage of "yes" answers to measures applicable to your Agency.
- For measures that do not apply to your Agency, select "not applicable".
- Green highlighted measures valued at 4 points are direct initiatives of the GreenGov Program.
- Dark Blue highlighted measures valued at 4 points are direct initiatives of GreenGov Agency Work Groups.
- Light Blue highlighted measures are new and/or revised from the 2024-2025 GreenGov Checklist.

Resources:

- [GreenGov Checklist submissions - All Agency past years](#)
- [GreenGov Sustainability Team Development Workbook](#)
- [GreenGov Energy Management System \(EnMS\) Template](#)
- [Project to Utilize Light and Solar Energy \(PULSE\) Press Release](#)

- [GreenGov Sustainable Buildings Training Modules](#)
- [Pennsylvania Climate Training Modules](#)
- [Sustainability in Leased Space Exhibit](#)
- [Jawnt Press Release](#)

Contact GreenGov:

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Since July 2025, as an Agency have you...

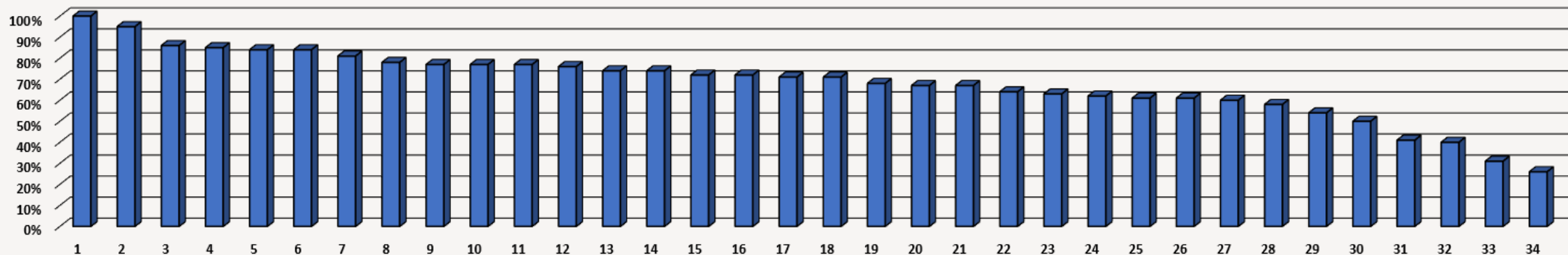
Benchmarking and Evaluation						
I		Yes	No	N/A	Points Value	Points Earned
1	Facility Benchmarking					
1 A	Maintained an inventory of all owned and leased buildings and square footage figures for use in DGS TRIRIGA & EnergyCAP systems?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	2	0
1 B	Developed, implemented, and maintained a space portfolio plan to identify opportunities for optimization of space (DGS Space Optimization and Utilization Project: SOUP), leading to cost, energy and carbon footprint savings?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	4	0
1 C	Utilized the EnergyCAP Program through the Commonwealth Utility Benchmarking Initiative (CUBI) and building square footage figures to establish a baseline Energy Use Intensity (EUI) for at least 1 facility?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	3	0
1 D	Utilized EnergyCAP for the evaluation of utility bills regarding consumption trends, usage spikes, billing anomalies and established reduction targets for continued energy savings?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	3	0
1 E	Established an Executive-level energy portfolio report for your agency's facilities through the EnergyCAP System?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	2	0
1 F	Participated in the High-Performance Lease Program through partnership with DGS Bureau of Real Estate, GreenGov and Lessor by conducting an energy audit and establishing energy efficiency goals in a lease facility?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	4	0
1 G	Worked with a Lessor to establish a utility bill tracking program for at least 1 facility that does not meet the 20k square foot and greater office space threshold for the High-Performance Lease Program?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	2	0
1 H	Utilized the DGS Consulting Services ITQ 4400007410 to procure at least 1 ASHRAE Energy Audit and/or EnergyStar Building Certification within a facility owned or leased by your Agency?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	2	0
1 I	Achieved an overall 3% reduction of energy consumption within the past Fiscal Year (2024-2025)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	4	0

GreenGov Checklist

100% Agency Participation

GreenGov Checklist Agency Overall Scores - 2025

State Agency	Turnpike Commission	Department of Banking and Securities	Dept. of Community and Economic Development	Department of Corrections	Department of Labor and Industry	Department of Transportation	Office of Human Services	Pennsylvania Milk Marketing Board	Department of General Services	Fish and Boat Commission	Department of Education	Environmental Hearing Board	Dept. of Conservation of Natural Resources	Department of State	Dept. of Military and Veterans Affairs	Office of State Inspector General	Public School Employees Retirement System	Office of Administration	Liquor Control Board	Department of Drug and Alcohol Programs	Pennsylvania Insurance Department	Office of General Counsel	Historical and Museum Commission	Department of Aging	Public Utility Commission	Pennsylvania Game Commission	PA Emergency Management Agency	Department of Revenue	Department of Health	PA Commission on Crime and Delinquency	Department of Agriculture			
Points Applicable	182	102	102	191	182	189	183	86	82	199	86	46	38	179	110	160	181	62	92	144	85	158	82	76	89	193	70	104	190	173	140	156	166	163
Points Earned	182	91	81	156	152	152	142	67	63	154	66	35	28	126	73	111	124	44	63	97	57	101	51	46	54	111	42	57	103	87	51	62	52	42
Score	100%	95%	86%	85%	84%	84%	81%	78%	77%	77%	77%	76%	74%	74%	72%	72%	71%	71%	68%	67%	67%	64%	63%	62%	61%	61%	60%	58%	54%	50%	41%	40%	31%	26%

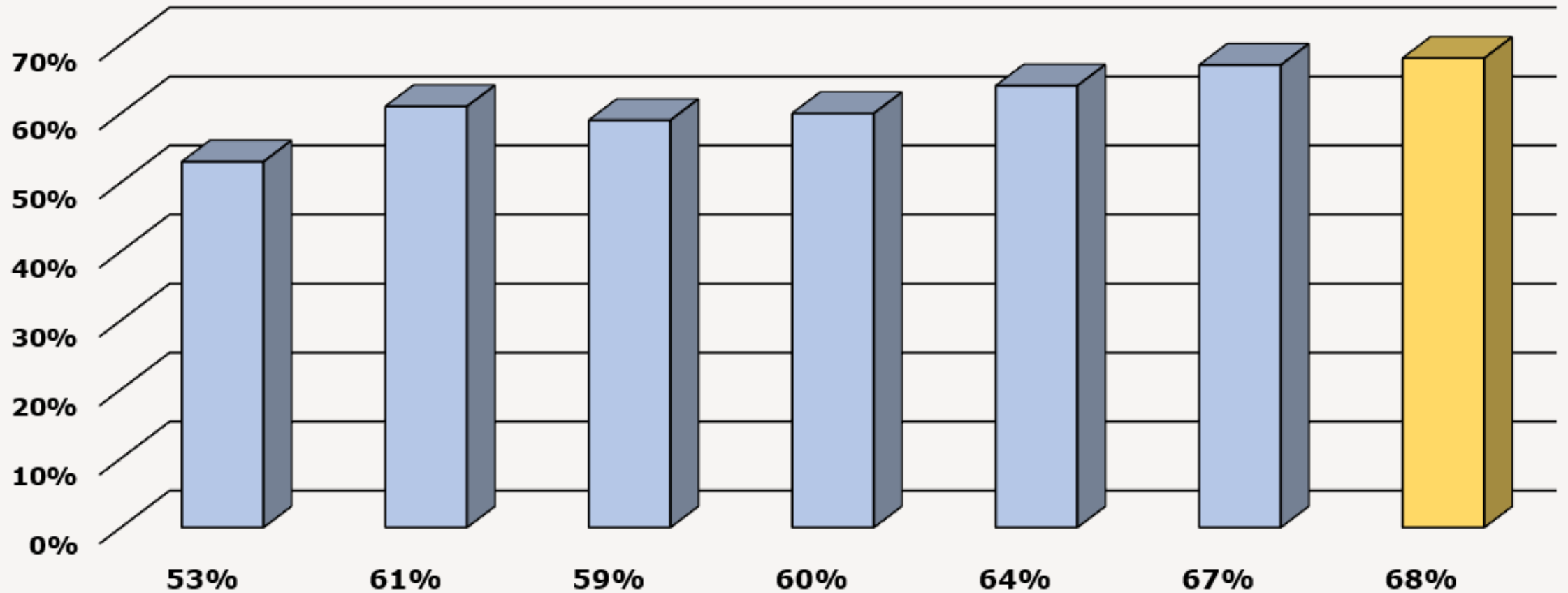


Average Score: 68% - Highest Performance to Date!

GreenGov Checklist

All Agency Performance Averages 2019-2025

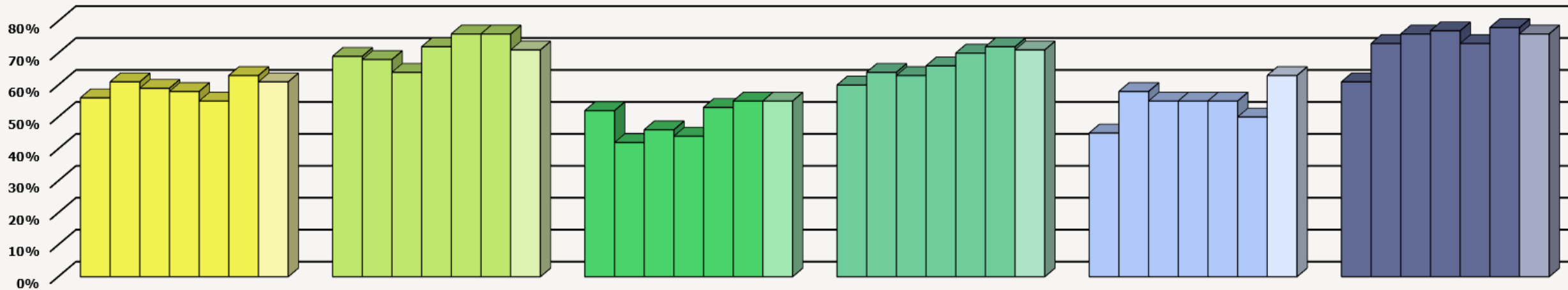
Year	2019	2020	2021	2022	2023	2024	2025
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GreenGov Checklist

Performance Averages by Category

Category	Benchmarking & Evaluation							Buildings & Structures							Transportation							Products & Materials							Culture							Resilience						
Year	2019	2020	2021	2022	2023	2024	2025	2019	2020	2021	2022	2023	2024	2025	2019	2020	2021	2022	2023	2024	2025	2019	2020	2021	2022	2023	2024	2025	2019	2020	2021	2022	2023	2024	2025	2019	2020	2021	2022	2023	2024	2025
Percentage	56%	61%	59%	58%	55%	63%	61%	69%	68%	64%	72%	76%	76%	71%	52%	42%	46%	44%	53%	55%	55%	60%	64%	63%	66%	70%	72%	71%	45%	58%	55%	55%	55%	58%	63%	61%	73%	76%	77%	73%	78%	76%



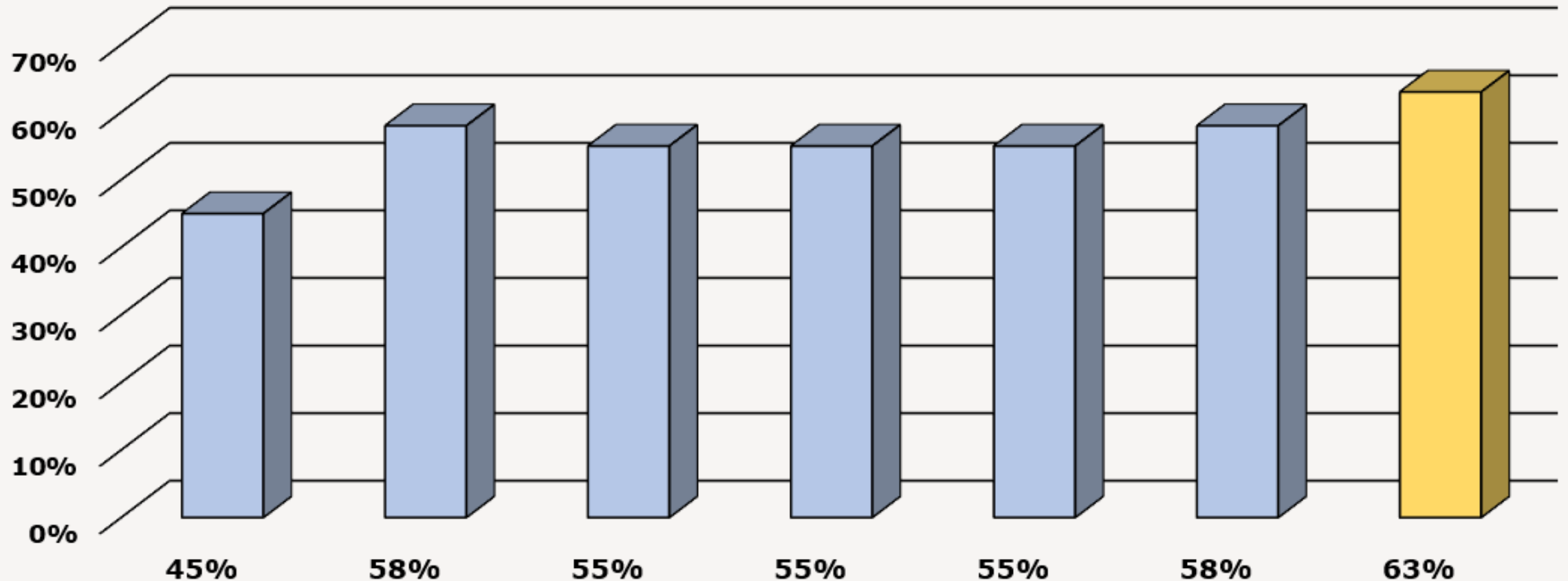
Overall Averages

2019: 53% **2020: 61%** **2021: 59%** **2022: 60%** **2023: 64%** **2024: 67%** **2025: 68%**

GreenGov Checklist

Culture Performance Averages 2019-2025

Year	2019	2020	2021	2022	2023	2024	2025
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Thank You!

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pa.gov/agencies/dep