



GREENGOV COUNCIL PROGRAM Highlights 2024-2025





ABOUT US

The GreenGov Council – co-chaired by the Secretaries of the Departments of General Services, Environmental Protection, and Conservation and Natural Resources – encourages the incorporation of environmentally sustainable practices into the Commonwealth's policy, planning, operations, procurement, and regulatory functions.



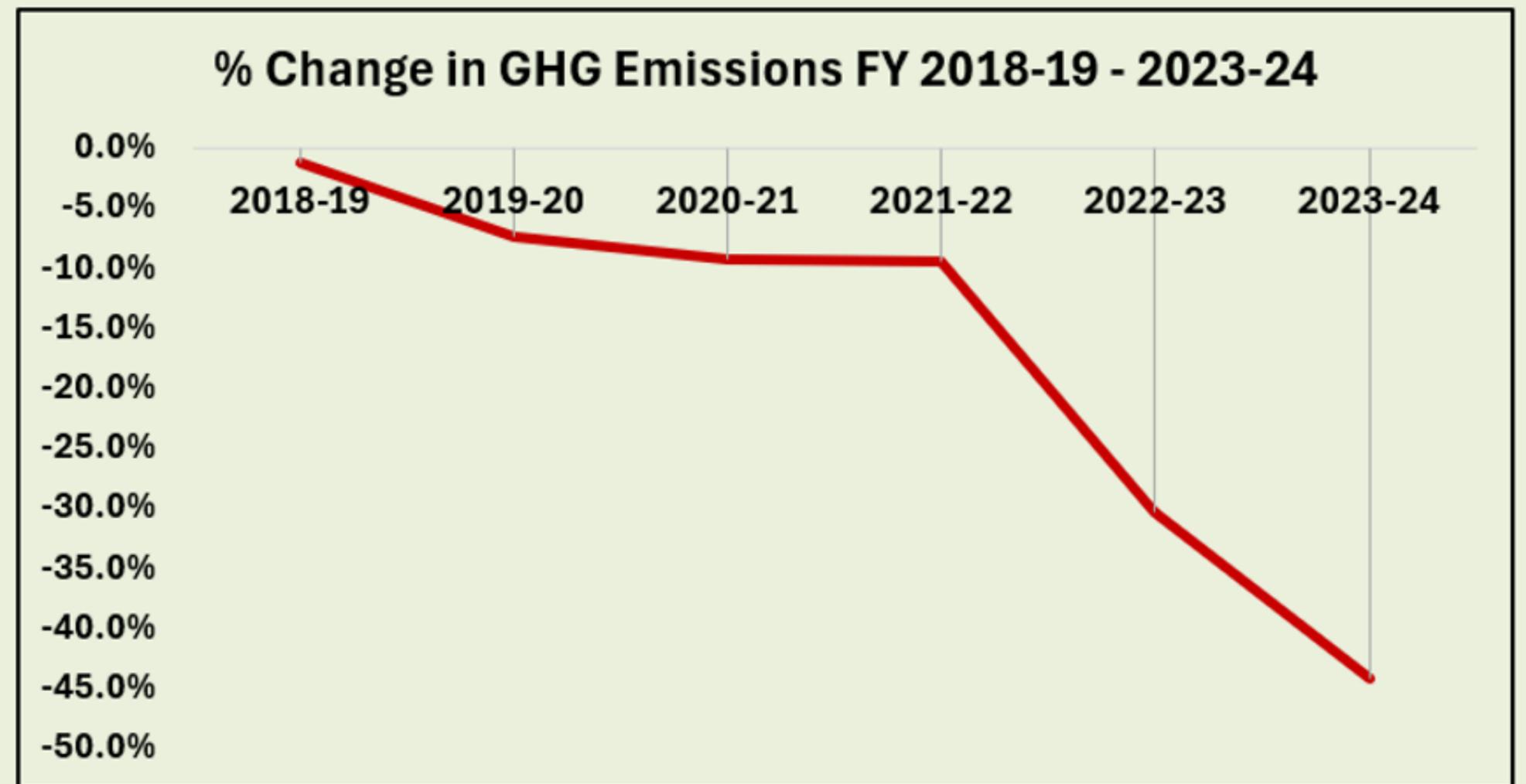


GREENHOUSE GAS REDUCTION ALL AGENCIES

Big wins for the Commonwealth's portfolio – and the environment!

Our clean energy investments are paying off with a major savings in greenhouse gas emissions. Thanks to our PA PULSE solar arrays—all sited within PA counties—we're powering our facilities with low-carbon energy for the next 15 years at locked-in, competitive rates.

Lower emissions and stable energy costs utilizing local solar power is a smart move for sustainability and savings!



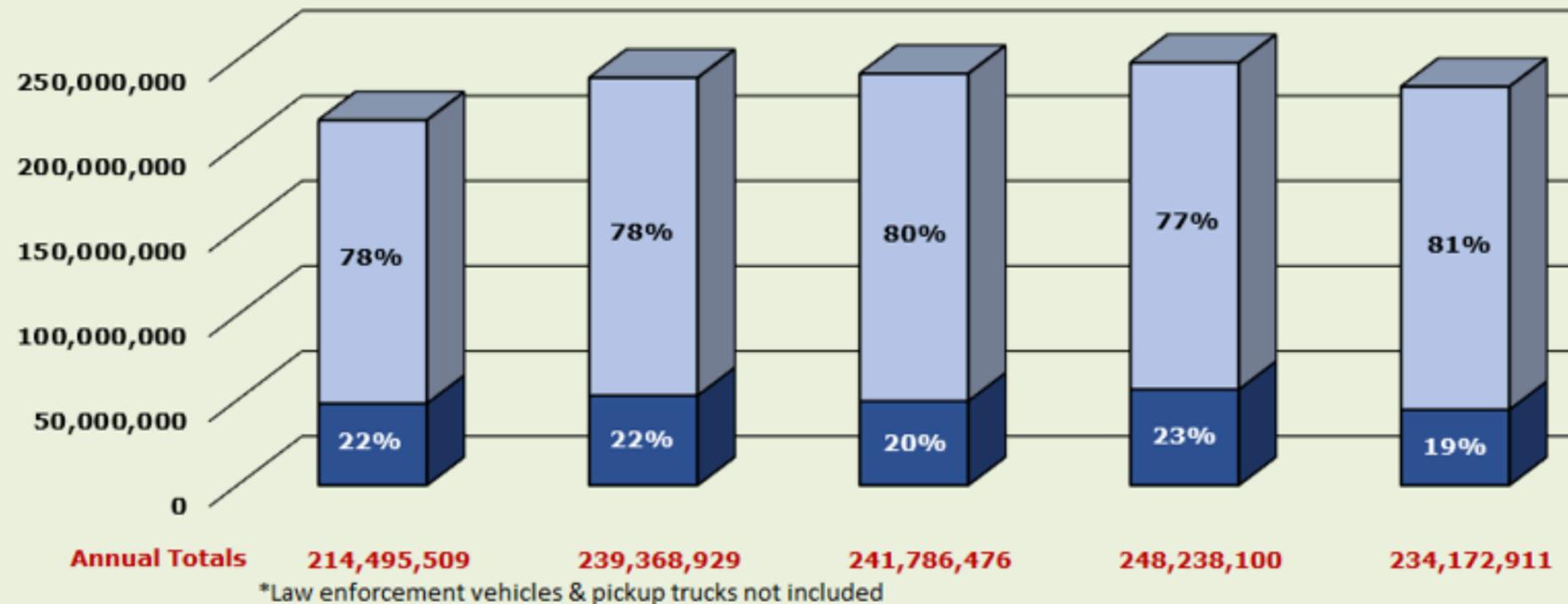
CLEAN TRANSPORTATION - VEHICLE MILES TRAVELED

14 Million Fewer Miles Traveled in 2024!



**Commonwealth Agency Vehicle Fleet
Annual VMT Comparison**

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



In 2024, Commonwealth vehicles traveled 14,065,189 fewer miles than the year before — the savings is equivalent of traveling to the moon and back 30 times.

Since 2020, passenger vehicle use has dropped from 22% to 19%.

Due to significant fluctuations in VMT, GreenGov believes there are opportunities for permanent GHG reductions through efficient workplace tools such as virtual meetings, and remote work, along with more efficient vehicles.

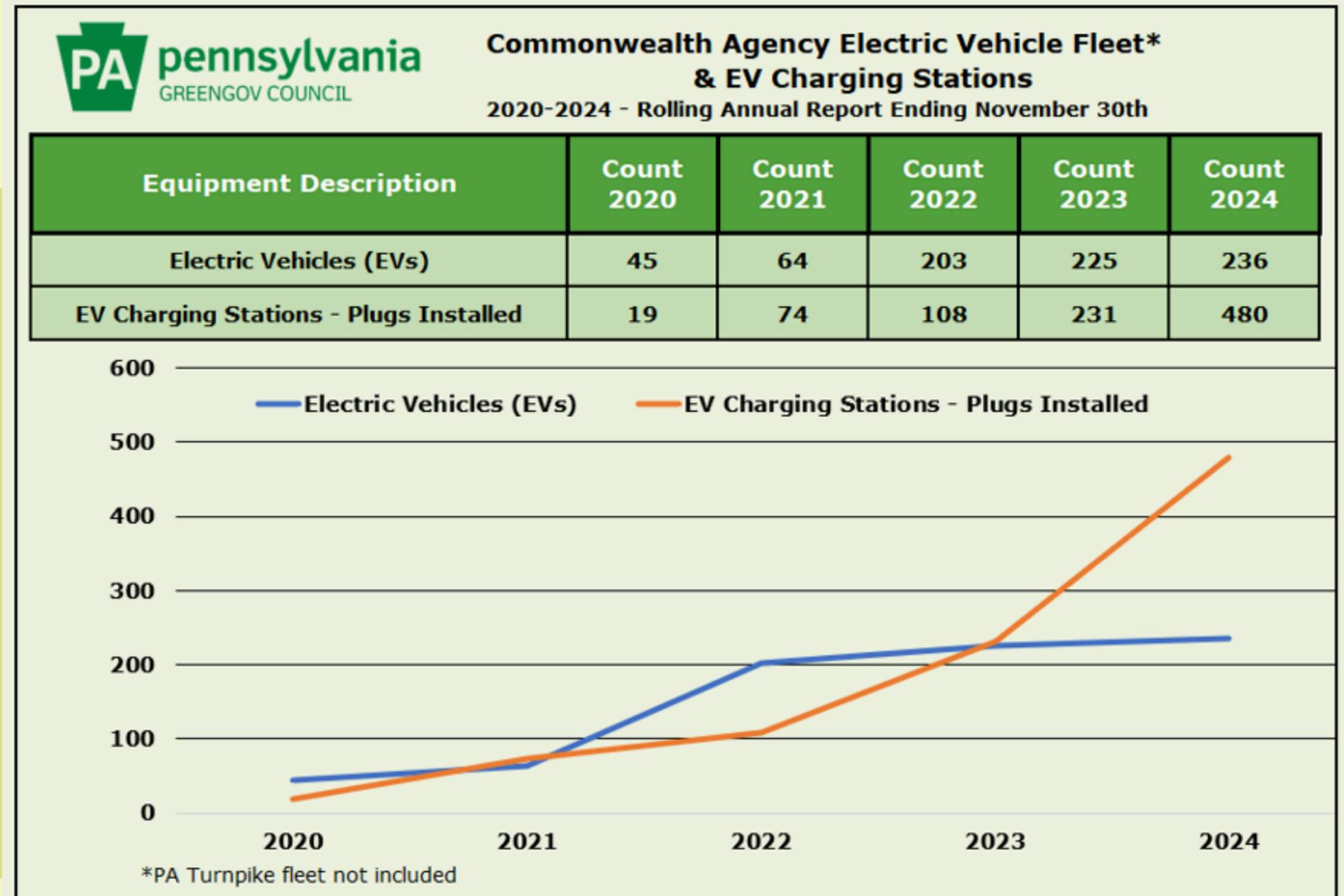
This is Pennsylvania's commitment to doing more with less — saving taxpayer money, protecting our environment, and keeping our Commonwealth strong.

CLEAN TRANSPORTATION - EV & EV CHARGER STATUS

Since 2019, Commonwealth agencies have added 236 EVs and installed 480 chargers—driving toward a cleaner, greener future!

With lower emissions, reduced maintenance costs, and better MPG equivalencies, EVs make both environmental and financial sense.

GreenGov is working with PennDOT on EV education to help employees get the most out of our growing EV fleet—covering charging tips, range, and more!



BUILDING PERFORMANCE - PORTFOLIO OVER TIME

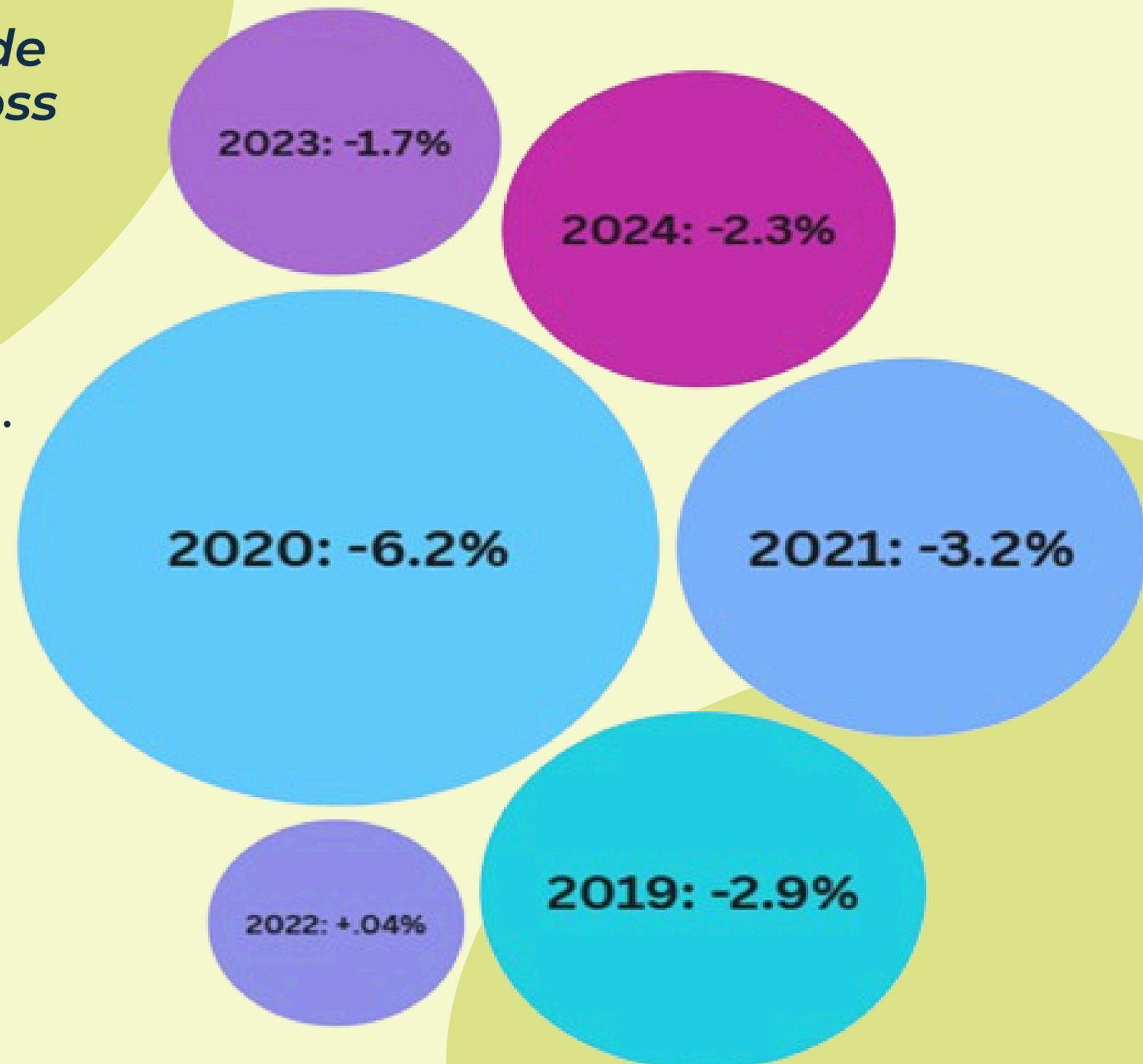
Commonwealth agencies have made big strides in energy reductions across state facilities!

Through investments in energy-saving projects, agencies are driving real progress.

To date, 57 facilities projects meet performance design standards set by Executive Order 2019-01.

Additionally, 20 energy-savings performance contracts are underway through the PA's Guaranteed Energy Savings Act (GESA) — delivering energy savings and carbon emissions reductions.

We are delivering consistent, measurable reductions in energy consumption and greenhouse gas emissions!





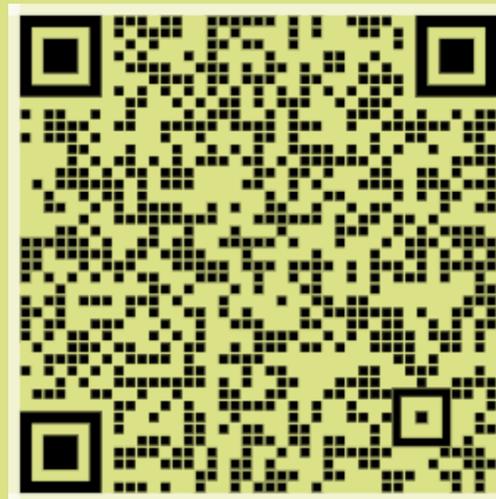
BUILDING PERFORMANCE - FUTURE PLANS & INVESTMENT

Commonwealth agencies are cutting CO₂ emissions, with the annual savings equal to planting 70K+ trees every year!

Our energy performance contracting is cutting 40,000+ tons of emissions from our facilities annually. These energy upgrades not only boost building efficiency but also improve comfort for everyone inside.

Building on this success, we're exploring energy targets and high-performance leasing opportunities to bring even more of our facilities into the sustainability effort.

Interested in building performance? Check out our Sustainable Buildings Series to learn more about the benefits of smarter, greener spaces.





RECYCLING & GREEN PROCUREMENT

Commonwealth Agencies Taking Action and Winning Awards!

For the sixth consecutive year, the Department of General Services (DGS) has been recognized for its leadership in sustainable purchasing. For 2025, DGS once again received the EPEAT Purchaser Award from the Global Electronics Council—honoring its ongoing commitment to reducing the environmental impact of electronics bought for Commonwealth agencies.

Looking ahead, the GreenGov Products & Materials Work Group is developing a waste audit program for Commonwealth-owned facilities. This initiative will help reduce waste generation and enhance recycling efforts across state operations.

Additionally, in partnership with the Department of Environmental Protection (DEP), we will explore how Environmentally Preferred Products (EPP) are identified and made available through statewide goods and services contracts—making it easier for agencies to make sustainable purchasing decisions.



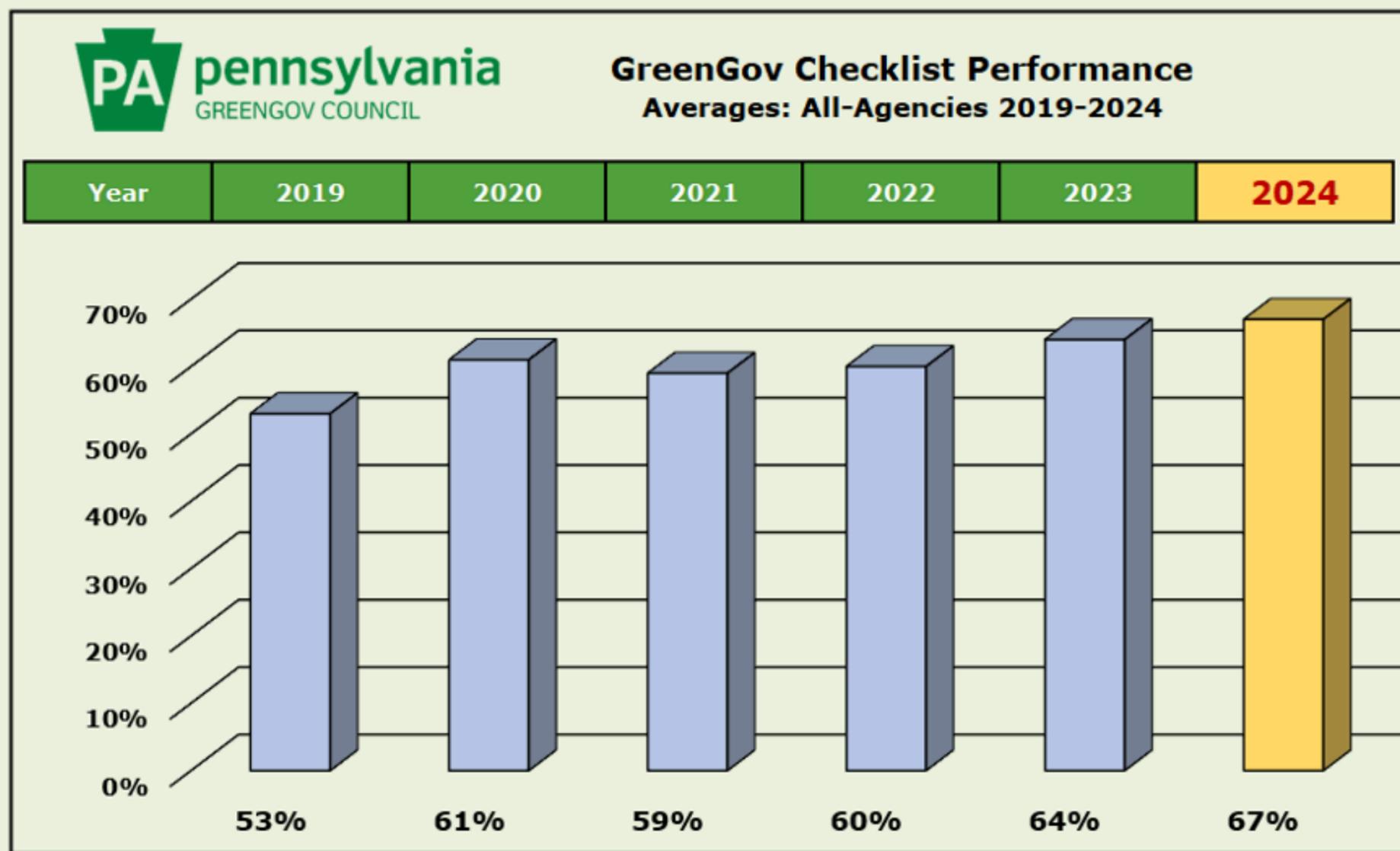
PORTFOLIO PERFORMANCE

Commonwealth agencies just hit their highest-ever GreenGov Checklist performance!

Since 2019, agencies have been tracking progress in sustainability, energy conservation, and resilience — and in 2024, we've reached a 67% overall score!

With 90 measures, the GreenGov Checklist helps drive meaningful change across government operations. Even more impressive: agencies achieved an overall 78% resilience score, reflecting our growing commitment to continuity, adaptability, and service to the public.

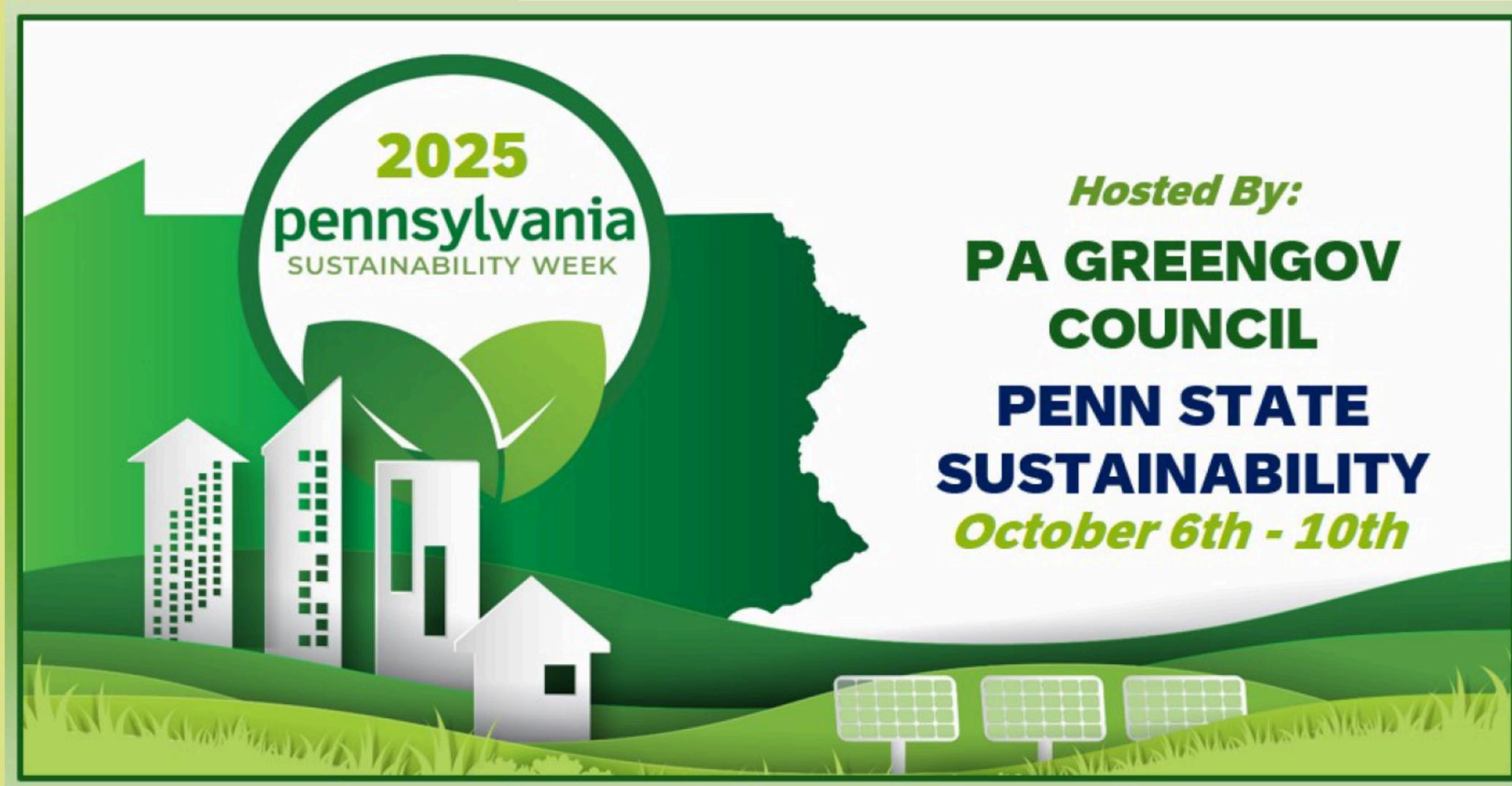
Explore the results and see how we're building a greener, stronger Commonwealth. Check out agency checklists on the GreenGov website!





SUSTAINABILITY WEEK & WEBINAR SERIES

Sustainability Week & the Sustainability Webinar Series are two incredible resources brought to you by the GreenGov Council and Penn State Sustainability!



Each October, Sustainability Week offers daily expert-led webinars on key sustainability topics.

The learning opportunities continue with our monthly Sustainability Webinar Series, featuring live Q&A.

All are welcome to participate in these free events!

Missed an event? Watch past webinars anytime on the GreenGov website.

SUSTAINABILITY ACTIONS

Our Sustainability Teams Work Group is working to drive change!

From our annual Earth Day litter pickup and PA Climate Network trainings to sharing sustainability policy best practices across agencies, collaboration is the key to success.

**PA Climate Change
Mitigation &
Resilience Network**



Looking ahead, we're looking to launch a new sustainability awards program to recognize standout efforts across Commonwealth agencies.

Together, we're turning commitments into actions and making an impact.

POWERING UP WITH SOLAR!

Commonwealth Agency Total On-Site Solar Capacity: 7,581 kW!

The Department of Conservation and Natural Resources (DCNR) has completed 12 new on-site solar arrays in State Parks from 2023–2024, boosting their total capacity to 3,259 kW.

Meanwhile, the Department of Military and Veterans Affairs (DMVA) added another array at Fort Indiantown Gap, bringing their total capacity to 3,421 kW!

These clean energy projects reduce carbon emissions and qualify for federal tax credits—fueling even more investment in a sustainable future for PA.





THANK YOU!

Together, we can create a greener and more sustainable future. Thank you for your commitment to protecting our planet.

717-787-4987 RA-GSGreenGov@pa.gov



Mark Hand, Director
Matt Reis, Deputy Director

GreenGov Council

The GreenGov Council is chaired by the Department Secretaries of:
Conservation & Natural Resources, Environmental Protection, General Services



**Cindy Adams Dunn,
DCNR Secretary**



**Jessica Shirley,
DEP Secretary**



**Reggie McNeil,
DGS Secretary**



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

“Encouraging the Incorporation of Environmentally Sustainable Practices into the Commonwealth’s Policy, Planning, Operations, Procurement, and Regulatory Functions”



Reduce	<ul style="list-style-type: none">• Overall energy consumption by 3% per year, and 21% by 2025 from 2017 levels;
Replace	<ul style="list-style-type: none">• 25% of the state passenger fleet with Battery Electric Vehicles and Plug-In Hybrid Electric Vehicles by 2025;
Procure	<ul style="list-style-type: none">• Renewable energy to offset at least 40% of the Commonwealth’s annual electricity, and/or directly purchase renewable power generation sited within PA;
Build	<ul style="list-style-type: none">• New buildings, major renovations, build to suit leased buildings to high-performance building standards.

Energy Reduction 2022/2023 – 2023-2024

State Reporting Agency	Normalized Use (MMBtu)	% of Meters Reported	FY 2022 Baseline MMBtus	FY 2023 Current MMBtus	Change in Energy Usage	FY 2022 Baseline CO2 Metric Tons*	FY 2023 Current CO2 Metric Tons*	Change in CO2 Metric Tons
Department of Corrections		94 %	1,999,999	1,984,631	-0.8%	111,177	88,789	-22,389
Department of Human Services		94 %	1,043,110	975,693	-6.5%	54,890	43,095	-11,795
Department of Military and Veterans Affairs		93 %	521,380	505,959	-3.0%	26,648	20,141	-6,507
Department of Transportation		91 %	413,743	403,881	-2.4%	27,891	23,835	-4,056
Department of General Services		98 %	130,615	129,160	-1.1%	27,798	24,471	-3,327
Department of Conservation and Natural Resources		97 %	104,992	106,372	1.3%	6,953	5,248	-1,705
Pennsylvania State Police		82 %	85,934	83,795	-2.5%	5,308	3,664	-1,644
Department of Agriculture		100 %	45,763	44,931	-1.8%	2,356	1,359	-997
Pennsylvania Fish & Boat Commission		87 %	44,826	46,592	3.9%	2,584	1,837	-747
Pennsylvania Historical & Museum Commission		93 %	27,487	28,556	73.8%	1,854	1,585	-269
Department of Environmental Protection		92 %	26,105	29,597	13.4%	1,519	977	-542
Pennsylvania Emergency Management Agency		93 %	21,076	20,549	-2.5%	1,516	1,429	-87
Department of Labor and Industry		67 %	58,684	58,251	-0.7%	3,006	2,083	-923
Department of Revenue		100 %	13,133	13,463	2.5%	908	764	-144
Pennsylvania Game Commission		97 %	12,621	13,171	4.4%	877	665	-212
Department of Health		100 %	10,179	9,814	-3.6%	773	715	-58
Totals:		92 %	4,559,647	4,454,417	-2.3%	276,059	220,657	-55,402

12%+ Reduction Since 2017

EV & EV Charging Infrastructure

Overall EV Charging Plug Delivery Status	
Total EV Plug Heads Completed:	480
Total EV Plug Heads In Design and/or Construction:	131
Total EV Plug Heads in Future Planning:	24
Total Count Completed & Planned (Agency Use):	635
DCNR State Park Completed & Planned (Public Use):	120
Overall Commonwealth-Owned EV Charging Plugs:	755



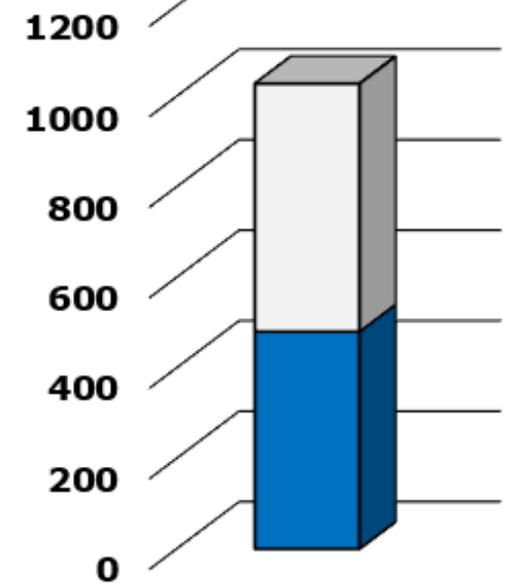
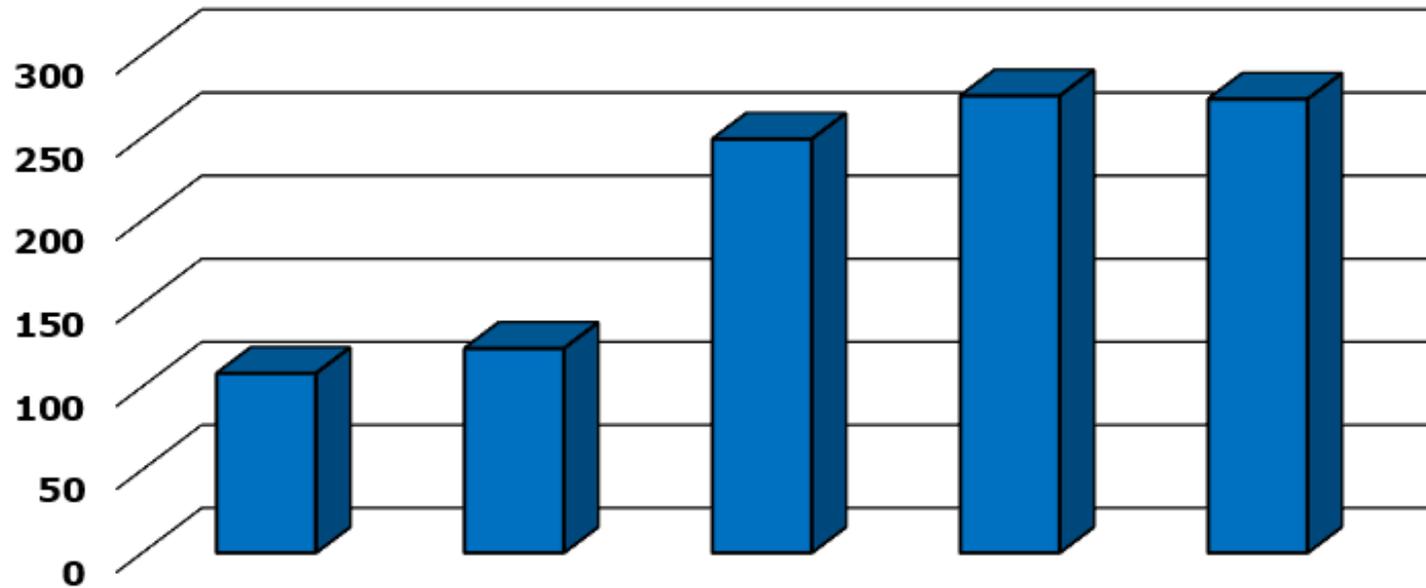
- **480 EV Charging Plugs Delivered** with 150+ More in Process
- **23% of EV Goal Reached**, 236 Units of 1028 Unit Goal (1028 is 25% of the Passenger Fleet)

Charging Plug Annual Delivery Projected 1028 Unit Goal

Year	2017-2022	2023	2024	2025	2026
Plugs Delivered	108	123	249	275	273
Percentage Complete	11%	22% (231 Total)	47% (480 Total)	74% (755 Total)	100% (1028 Total)

EV Plug Delivery Status

Total Plugs	Percentage
480 of 1028	47%

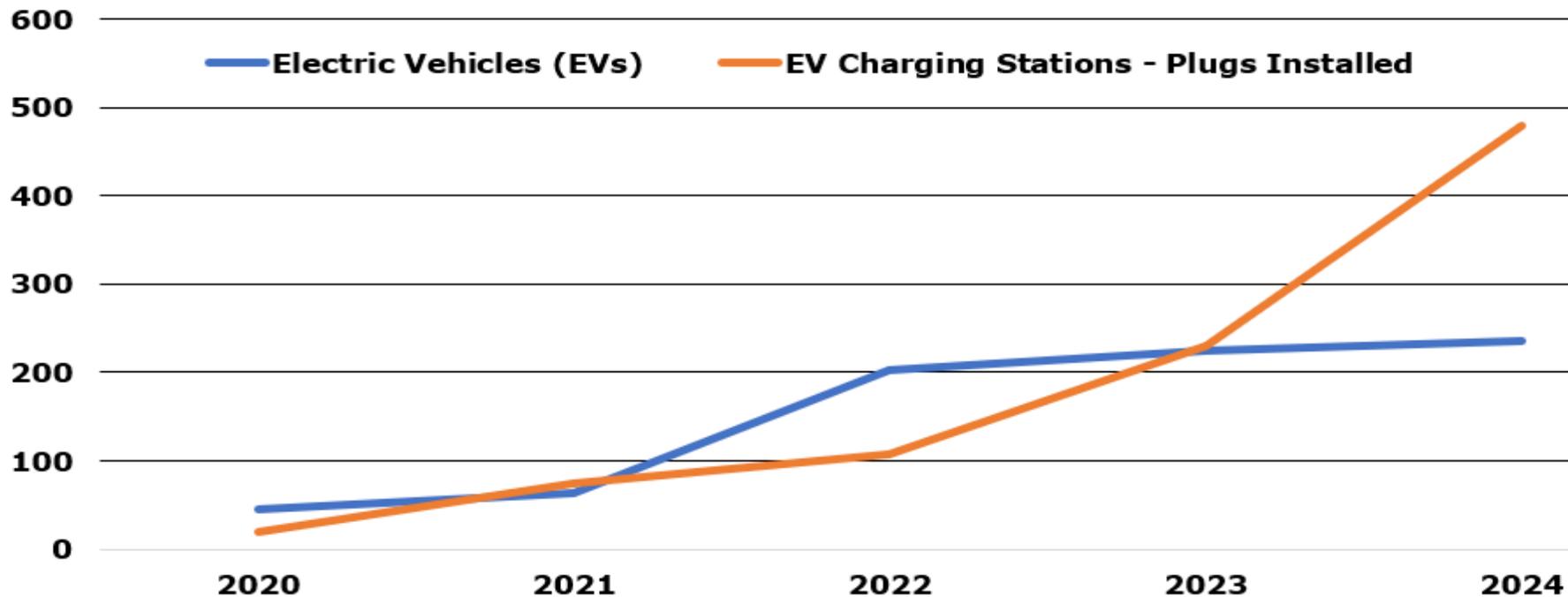


150+ Plugs Planned for 2025!

Commonwealth Agency Electric Vehicle Fleet* & EV Charging Stations

2020-2024 - Rolling Annual Report Ending November 30th

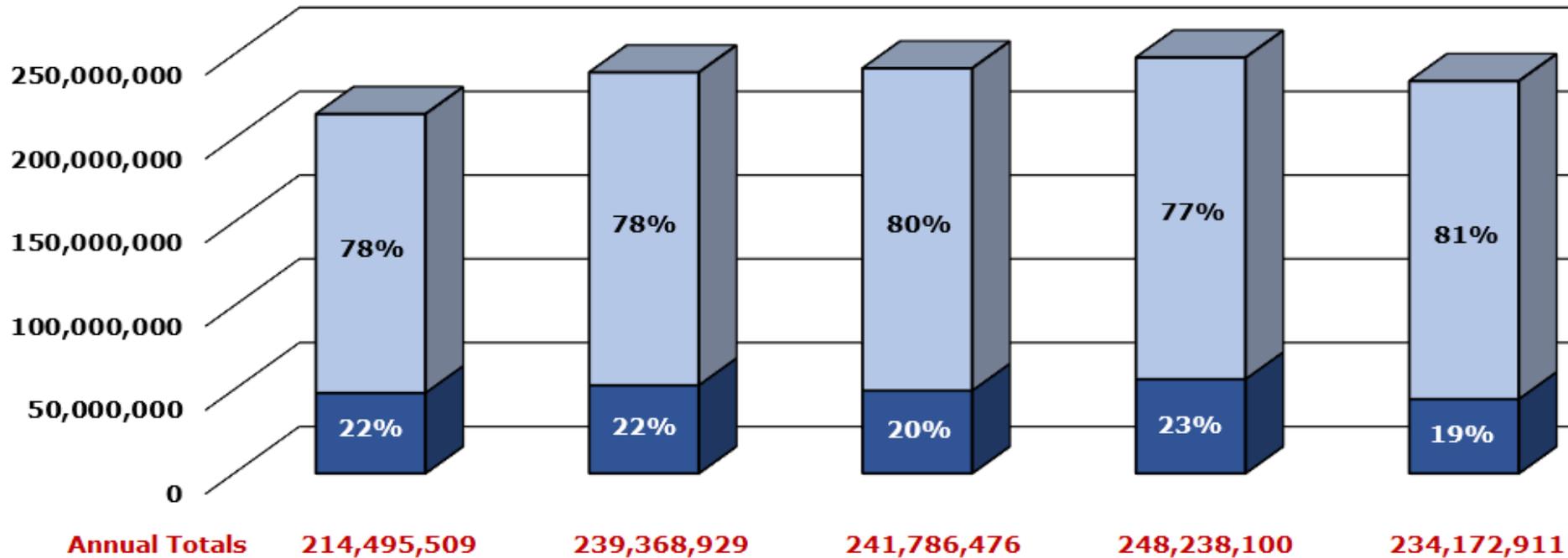
Equipment Description	Count 2020	Count 2021	Count 2022	Count 2023	Count 2024
Electric Vehicles (EVs)	45	64	203	225	236
EV Charging Stations - Plugs Installed	19	74	108	231	480



*PA Turnpike fleet not included

Commonwealth Agency Vehicle Fleet Annual VMT Comparison

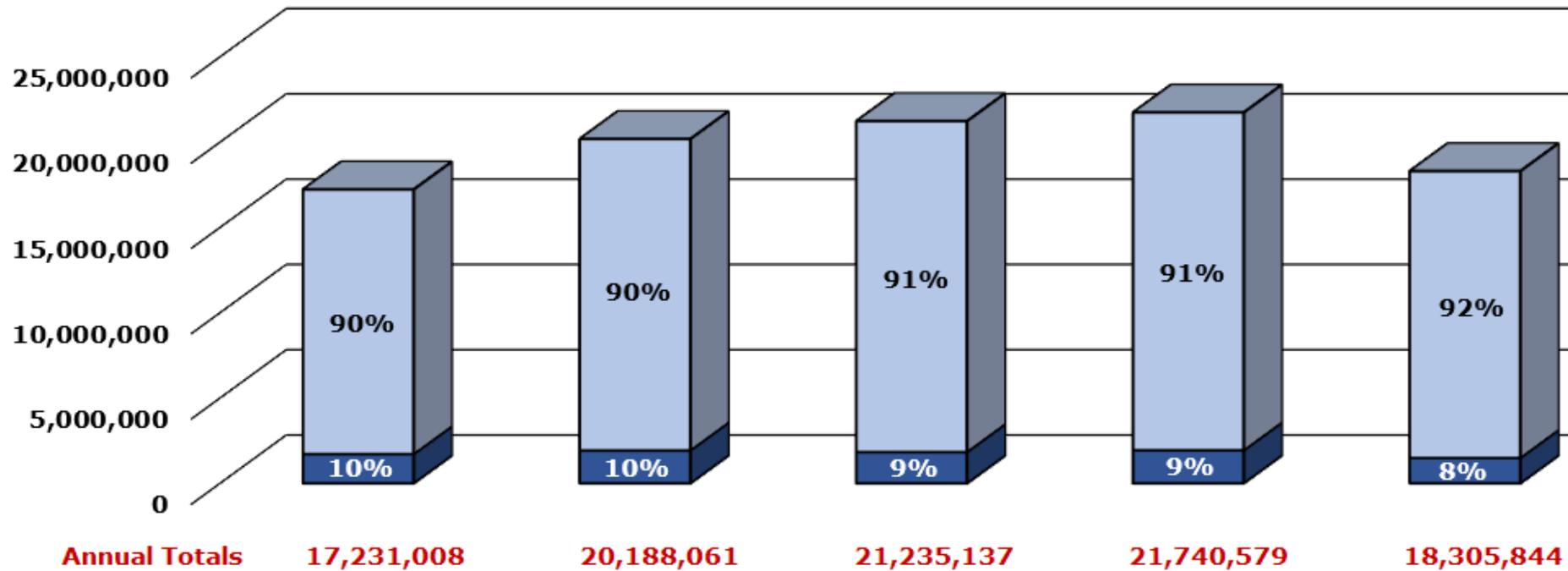
Vehicle Classification	Vehicle Miles Traveled				
	2020	2021	2022	2023	2024
Passenger* (Class 1-2)	48,070,127	52,674,806	49,455,037	56,317,249	44,425,911
All Remaining Vehicles (Classes 3-8)	166,425,382	186,694,123	192,331,439	191,920,851	189,747,000



*Law enforcement vehicles & pickup trucks not included

Commonwealth Agency Vehicle Fleet Annual Fuel Consumption Comparison

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



*Law enforcement vehicles & pickup trucks not included

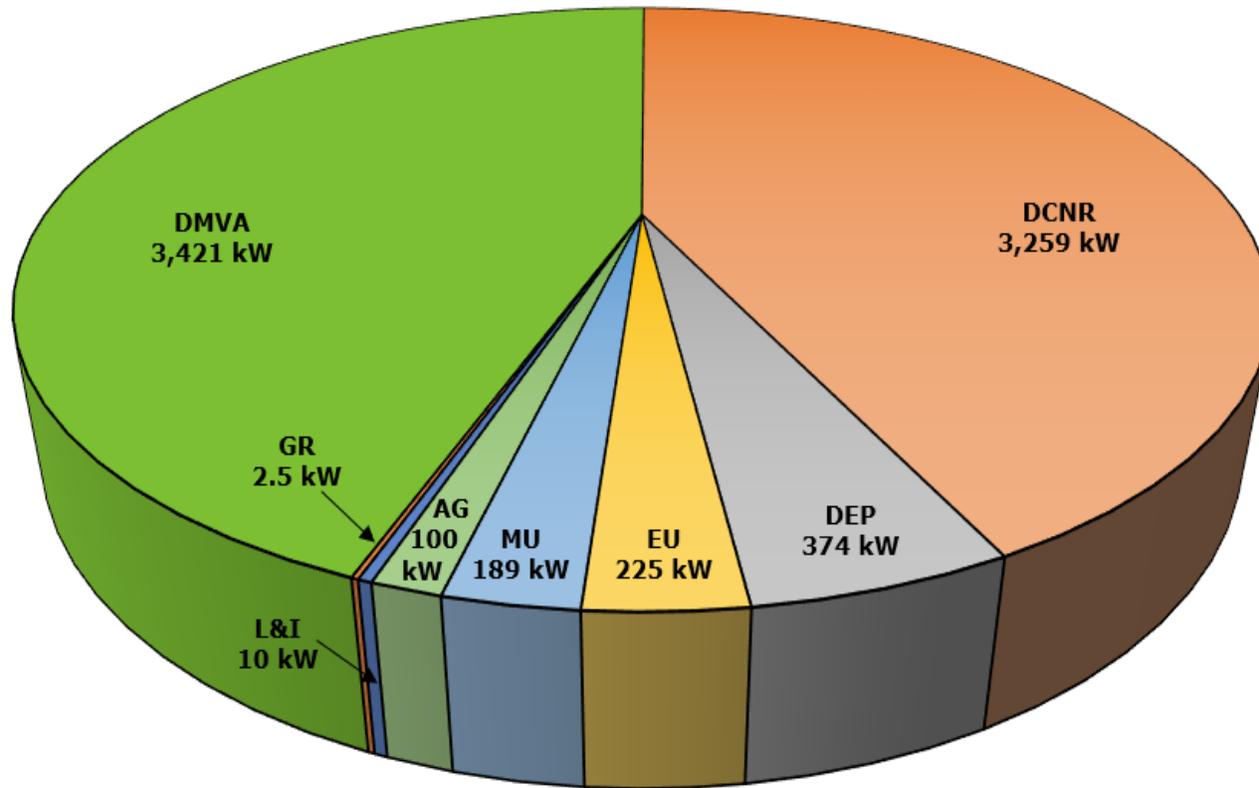
Renewable Energy – Power Purchase Agreements

PA PULSE – Project to Utilize Light and Solar Energy

- **Provide for Nearly 50%** of State Government's Electricity – Now In Construction!
- **191 Megawatts of Power** to 434 Accounts Across 16 Agencies
- **Reduction of 157,800 Metric Tons** of CO2 Emissions Annually



Commonwealth Existing Solar Installations - 2024

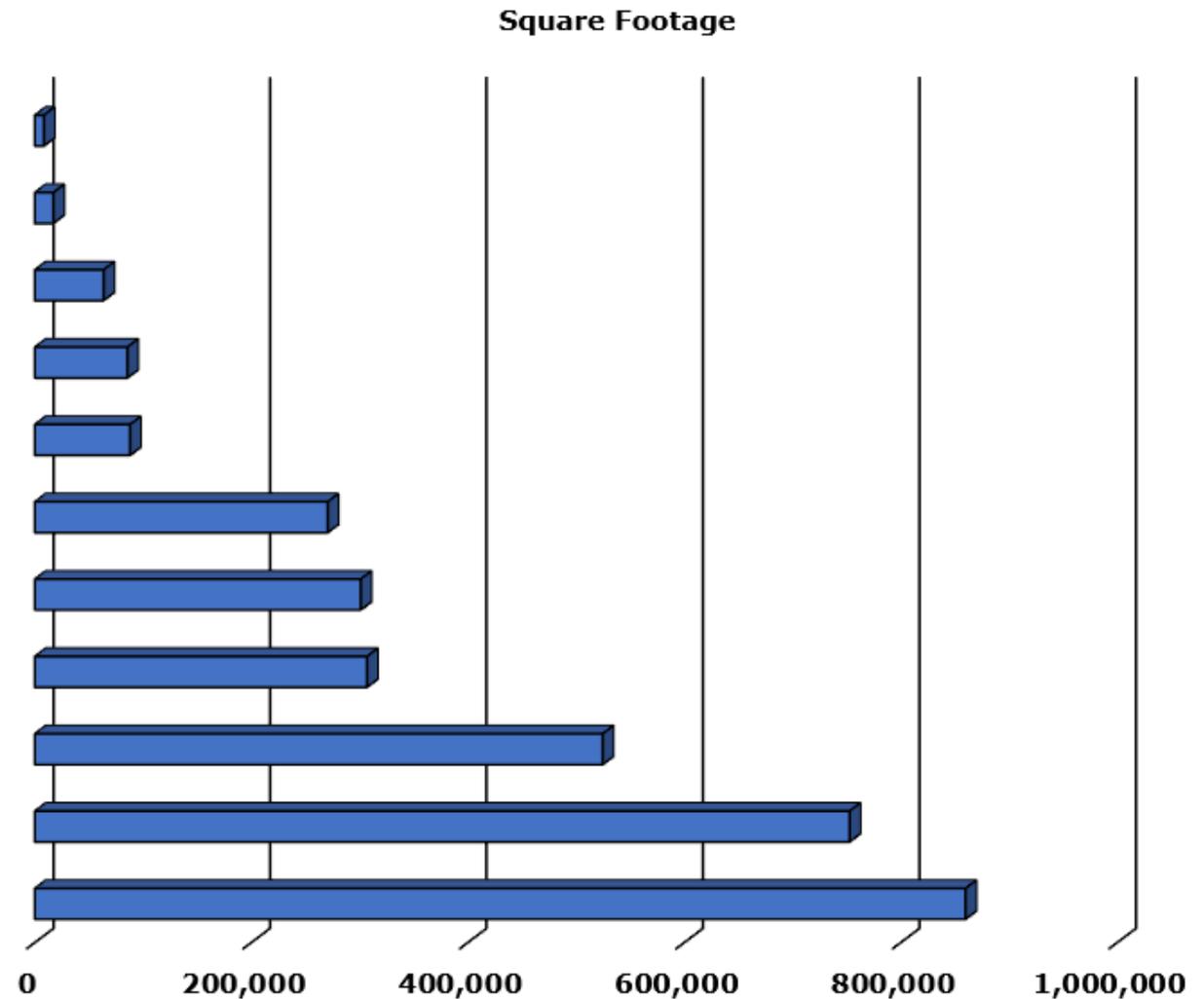


- Dept. of Military & Veteran's Affairs (DMVA)
- Dept. of Conservation & Natural Resources (DCNR)
- Dept. of Environmental Protection (DEP)
- Edinboro University (EU)
- Millersville University (MU)
- Dept. of Agriculture (AG)
- Dept. of Labor & Industry (L&I)
- Governor's Residence (GR)

Total Solar Capacity: 7,581 kW

High-Performance Building Projects - By Agency

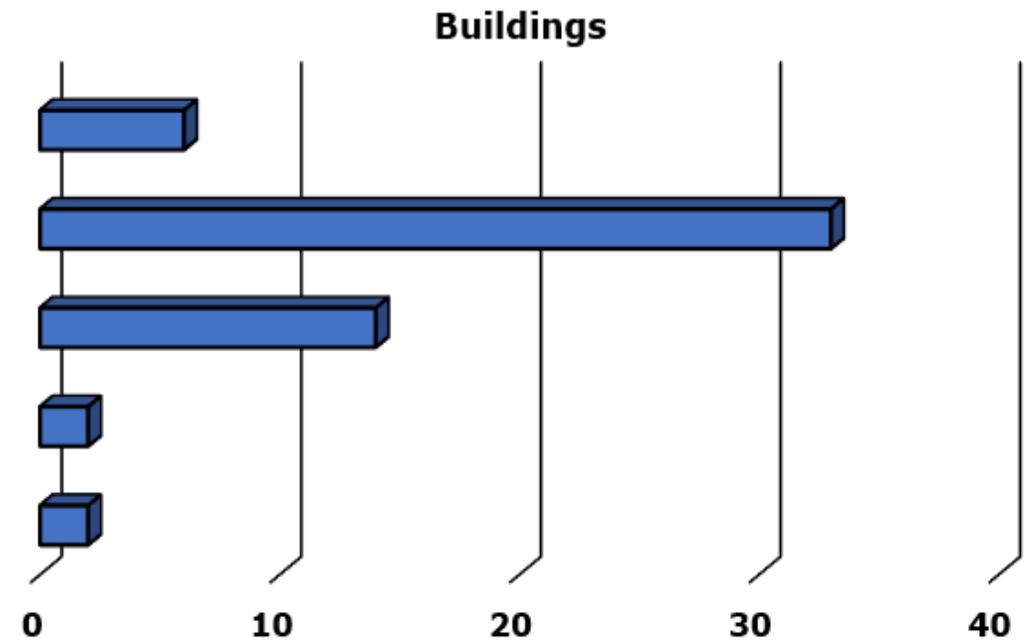
Agency	Buildings	Value (M)	Square Footage
Historical & Museum Comm.	1	\$3.36	8,200
Fish & Boat Commission	2	\$6.10	17,050
Corrections	3	\$28.20	63,300
Game Commission	4	\$46.39	85,355
DCNR (1 project cost TBD)	10	\$63.03	87,900
DMVA (1 project cost TBD)	12	\$229.86	270,429
Joint Laboratory (multiple agencies)	1	\$325.00	301,000
PennDOT	6	\$189.60	306,796
Human Services	2	\$390.45	524,500
State Police	2	\$319.00	752,635
Higher Education*	14	\$252.53	859,739
Totals:	57	\$1,853.52	3,276,904



* Includes PASSHE (9), State-Related (3) & Independent Higher Education Schools (2)

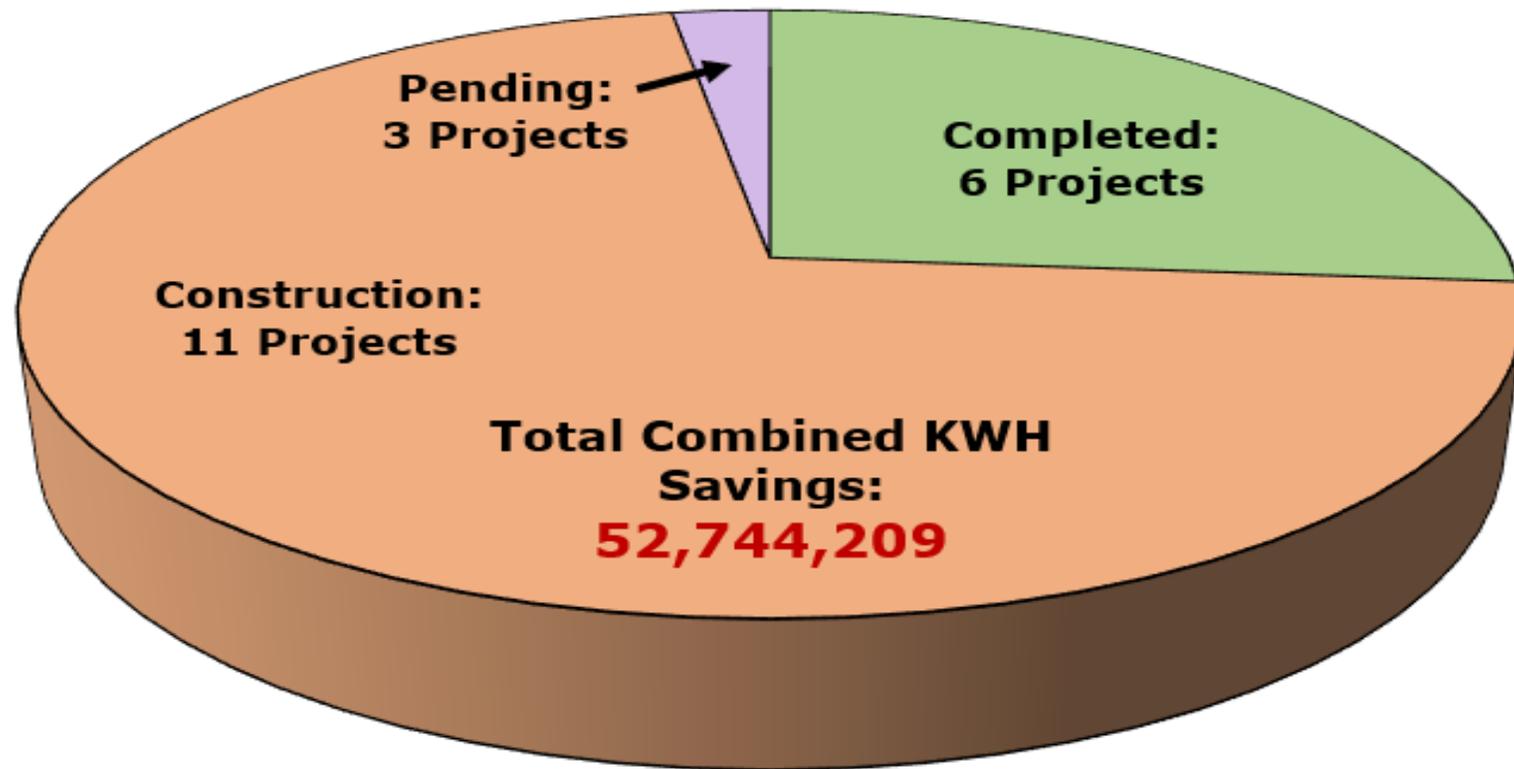
High-Performance Building Projects - By Delivery Phase

Delivery Phase	Value (M)	Square Footage	Buildings
Completed	\$38.03	81,367	6
In Construction	\$1,042.21	1,876,508	33
In Design	\$678.73	985,729	14
Design TBD	\$38.55	223,800	2
Temporarily Suspended	\$56.00	109,500	2
Totals:	\$1,853.52	3,276,904	57



Guaranteed Energy Savings Act (GESA) Projects Kilowatt-hour Savings by Delivery Phase*

Completed	Construction	Pending**
13,857,082	37,561,564	1,325,563



*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

**Sustainability
Teams**

**Building
Performance**

**Clean
Transportation**

**Products &
Materials**

***"Incorporating
Sustainability and
Resilience into
Commonwealth
Operations"***

GreenGov Program – Work Group Summary

Sustainability Teams	
Summary	Workplan
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.	<ul style="list-style-type: none"> • Agency Sustainability Teams & Policy Models • Employee & Public Messaging Templates • Identification of Energy & Carbon Reduction Strategies
Building Performance	
Summary	Workplan
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.	<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
The Products & Materials group is working to promote and provide employee education on enhanced recycling plans and environmentally-preferred procurements for use & implementation of all agencies & facilities state-wide.	<ul style="list-style-type: none"> • Environmentally-Preferred Procurement Expansion • Agency & Employee Messaging & Education • Recycling Kiosks Program Rollout
Clean Transportation	
Summary	Workplan
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.	<ul style="list-style-type: none"> • Clean Vehicle Fleet Transition & Best Practices • EV Education & Policy Recommendations • EV Charging - Project Planning & Delivery

Agency Certification Checklist



GreenGov Agency Certification Checklist
Fiscal Year 2024-2025 Reporting

Rev. 11/25/2024

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

Points Applicable	Points Earned	Bonus Points	Score
200	0	0	0%

Instructions:

- Review each measure and answer based upon actions of your Agency within the fiscal year of July 1, 2024 through June 30, 2025.
- As each measure is evaluated, begin with the following preface: "Since July 2024, 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.
- Email the completed Checklist to: RA-GSGreenGov@pa.gov by **Friday, August 29, 2025**.

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 2023-2024 GreenGov Checklist.

Resources:

[GreenGov Checklist submissions - All Agency past years](#)

[GreenGov Sustainability Team Development Workbook](#)

[GreenGov Energy Management System \(EnMS\) Template](#)

[GreenGov Sustainable Buildings Training Modules](#)

[Pennsylvania Climate Mitigation and Resilience Network](#)

[Sustainability in Leased Space Exhibit](#)

Contact GreenGov:
Phone: 717-787-4987 Email: RA-GSGreenGov@pa.gov Web: dgs.pa.gov/GreenGov

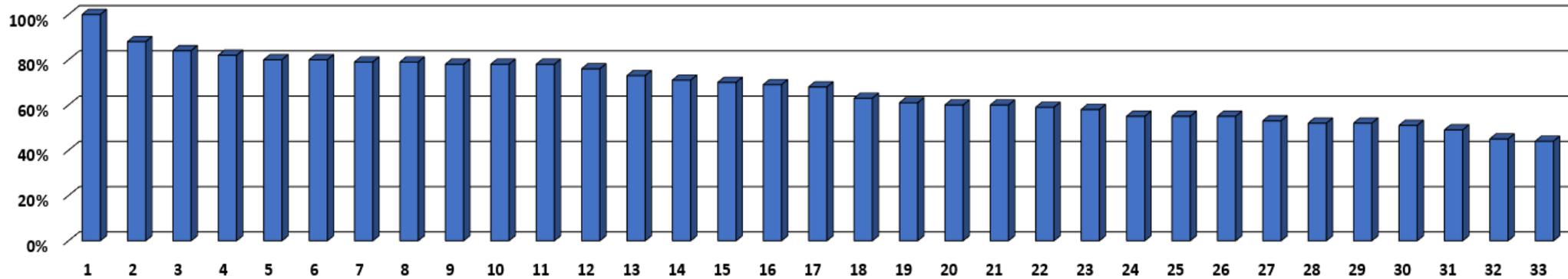
Since July 2024, as an Agency have you...

I Benchmarking and Evaluation						
		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 written space portfolio plan to identify opportunities for consolidation of space, 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? Link: Sustainability in Leased Space Exhibit	<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 (2023-2024) through the participation in energy reduction programs and delivery of energy-saving projects?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	4	0
Points Total					26	0

- **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

GreenGov Agency Checklist – 100% Participation!

State Agency	Turnpike Commission	Department of Transportation	Department of Banking and Securities	Office of Administration	Office of the Budget	Fish and Boat Commission	Department of Human Services	Department of General Services	Public School Employees Retirement System	Department of Corrections	Department of Environmental Protection	Department of State	Office of State Inspector General	Pennsylvania Milk Marketing Board	Department of Education	Dept. of Conservation of Natural Resources	Dept. of Military and Veterans Affairs	Liquor Control Board	Department of Aging	Department of Drug and Alcohol Programs	Department of Labor and Industry	PA Emergency Management Agency	Environmental Hearing Board	Historical and Museum State Police	Public Utility Commission	Department of Agriculture	Department of General Counsel	Department of Health	Pennsylvania Insurance Department	Pennsylvania Game Commission	Department of Revenue	Dept. of Community and Economic Development	
Points Applicable	170	177	116	68	64	82	170	185	79	161	170	118	63	80	69	176	179	166	87	84	135	155	38	186	170	108	175	90	157	79	183	125	73
Points Earned	170	156	97	56	51	66	134	147	62	126	133	90	46	57	48	122	121	104	53	50	81	91	22	102	93	59	92	47	81	40	89	56	32
Score	100%	88%	84%	82%	80%	80%	79%	79%	78%	78%	78%	76%	73%	71%	70%	69%	68%	63%	61%	60%	60%	59%	58%	55%	55%	55%	53%	52%	52%	51%	49%	45%	44%

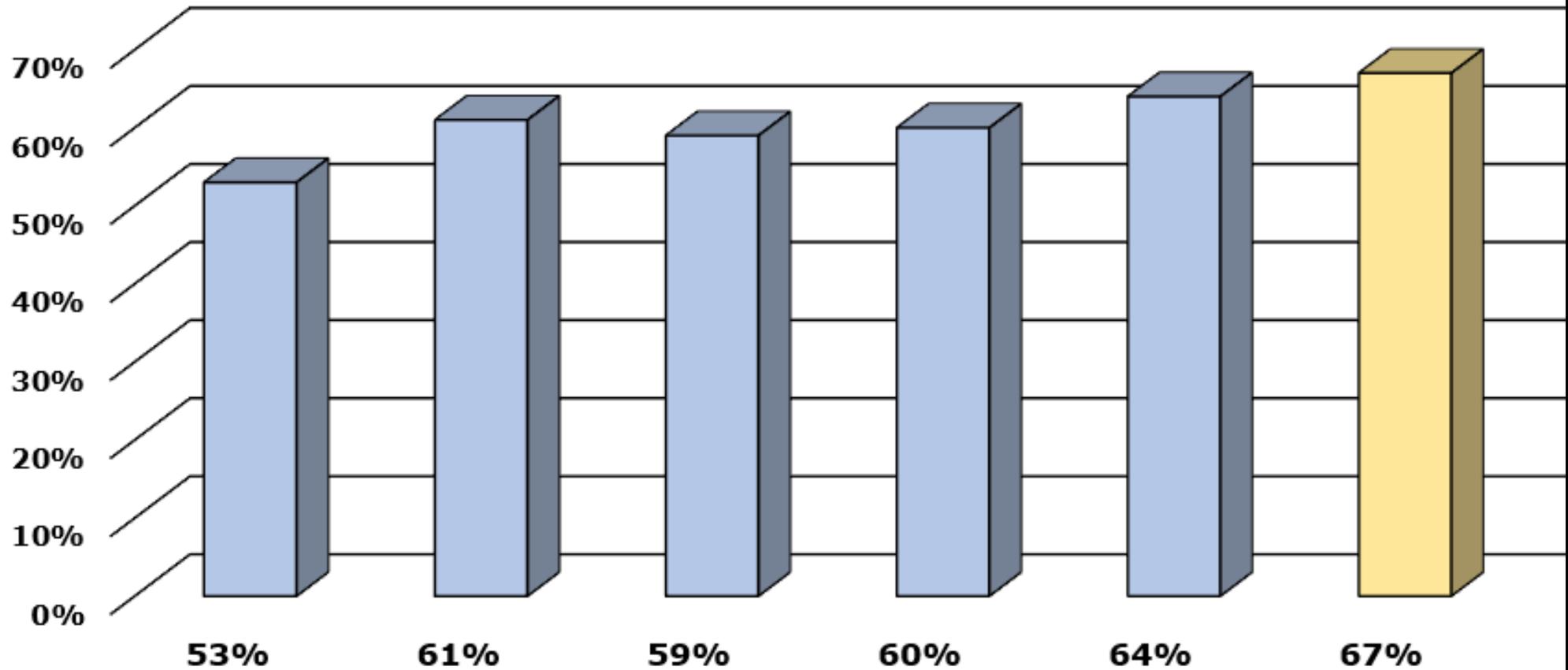


2024 Average Score: 67%

GreenGov Checklist Performance

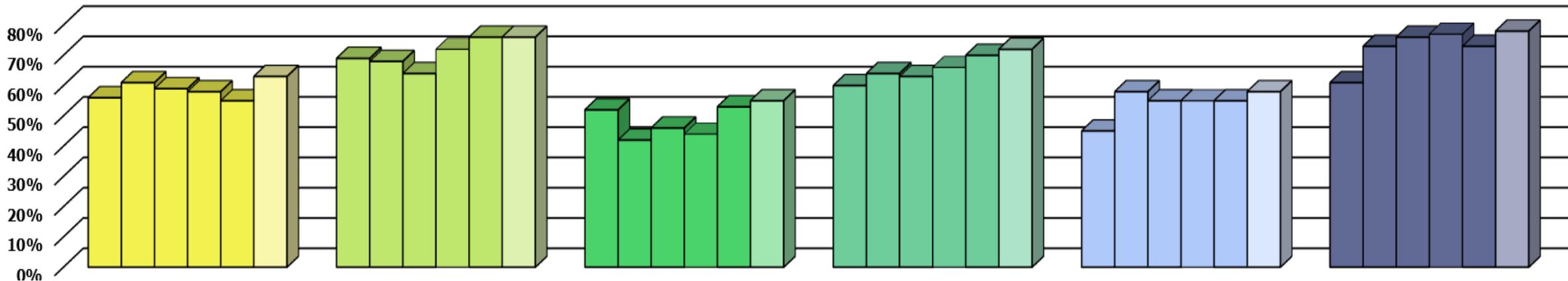
Averages: All-Agencies 2019-2024

Year	2019	2020	2021	2022	2023	2024
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GreenGov Checklist – Performance by Category

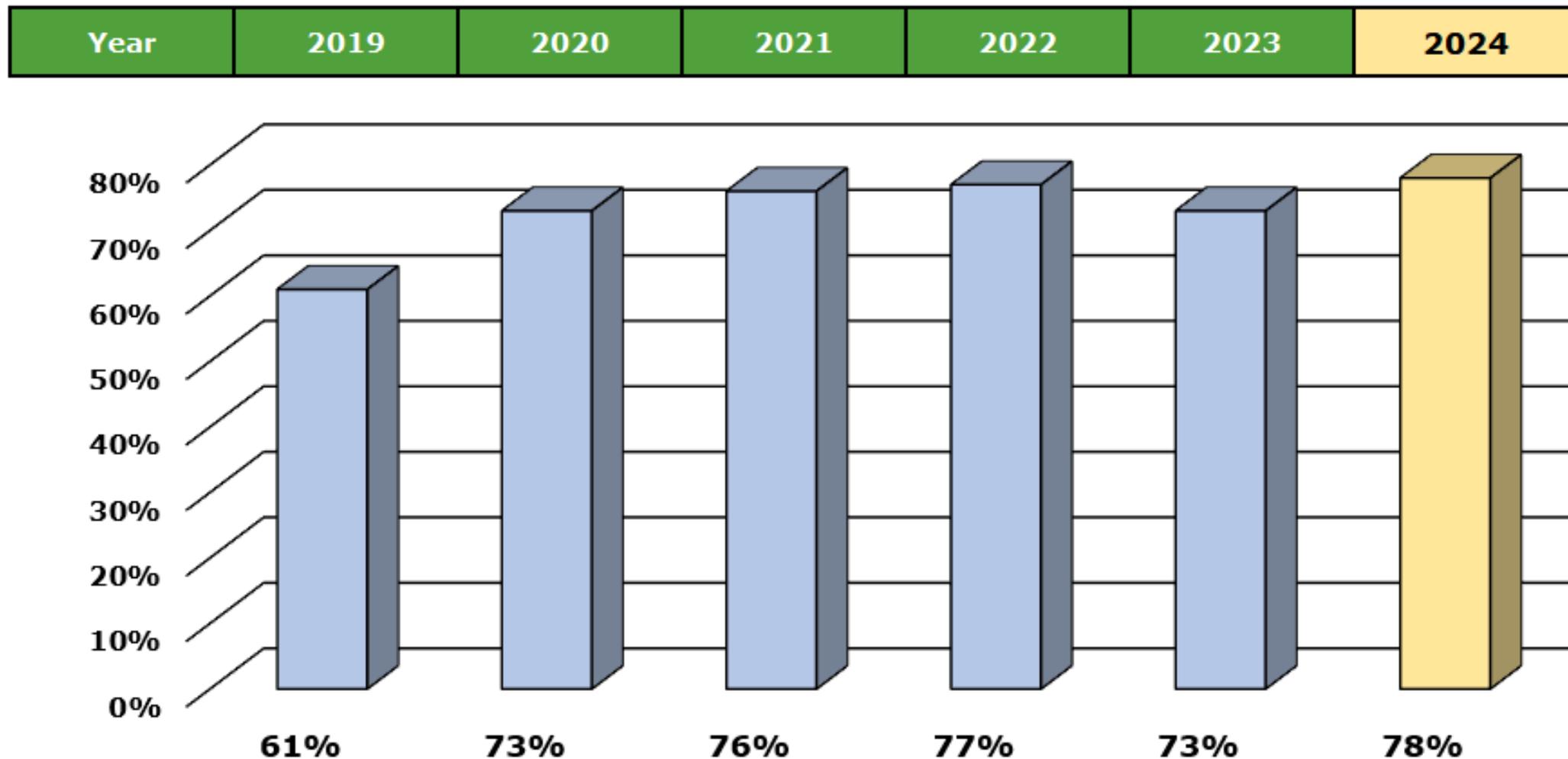
Category	Benchmarking & Evaluation						Buildings & Structures						Transportation						Products & Materials						Culture						Resilience					
Year	2019	2020	2021	2022	2023	2024	2019	2020	2021	2022	2023	2024	2019	2020	2021	2022	2023	2024	2019	2020	2021	2022	2023	2024	2019	2020	2021	2022	2023	2024	2019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



2024: Improvements in Every Category!

GreenGov Checklist Resilience Performance

Averages: All-Agencies 2019-2024



Thank You!!



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