Rev. 3/1/2022



GreenGov Agency Certification Checklist Fiscal Year 2021-2022 Reporting

Agency Representative Sign-off: Darrín Bodner

Agency Executive Sign-off: Ramez Ziadeh

Points Applicable	Points Earned	Score
182	129	71%

Instructions:

- 1. Review each measure and answer based upon actions of your Agency within the fiscal year of July 1, 2021 through June 30, 2022.
- 2. As each measure is evaluated, begin with the following preface: "Since July 2021, as an Agency have you...".
- 3. The Checklist will automatically tally all points earned based upon measures applicable to your Agency.
- 4. Once completed, type in your Agency sign-offs above and save the document with your Agency name in the title.
- 5. Email the completed Checklist to: RA-GSGreenGov@pa.gov by Friday, August 26, 2022

Scoring

- 1. Score will be based upon the percentage of "yes" answers to measures applicable to your Agency.
- 2. For measures that do not apply to your Agency, select "not applicable".
- 3. Green highlighted measures valued at 4 points are direct initiatives of the GreenGov Program.
- 4. Blue highlighted measures valued at 4 points are direct initiatives of GreenGov Agency Focus Groups.

Contact GreenGov:

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

Since July 2021, as an Agency have you...

l l	Benchmarking and Evaluation										
1	Facility Benchmarking	Yes	No	N/A	Points Value	Points Earned					
Ι 1 Δ	Maintained an inventory of all owned and leased buildings and square footage figures for use in DGS TRIRIGA & EnergyCAP systems?	V			2	2					
1 B	Developed a written plan for your space portfolio to identify opportunities for consolidation of space leading to cost, energy and carbon footprint savings?		\		4	0					
1 1 (Participated in the Commonwealth Utility Benchmarking Initiative (CUBI) through the EnergyCAP Agency Workplan by assigning & maintaining "Agency Liaison", "Core User" and other roles?	V			3	3					
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?	V			3	3					
1 E	Established an Executive-level energy portfolio report for your agency's facilities through the EnergyCAP System?	V			2	2					
1 1 ⊨	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?	7			4	4					
1 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?		V		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?		\[2	0					
1 I	Received Act 129 or other energy conservation or sustainability incentive program rebates?	V			1	1					
1 J	Achieved an overall 3% reduction of energy consumption within the past Fiscal Year (2021-2022) through the participation in energy reduction programs and delivery of energy-saving projects?	V			4	4					
		Po	Points Total		27	19					
2	Transportation Benchmarking	Yes	No	N/A	Points Value	Points Earned					
2 A	Developed Executive-level fleet reports including type, classification, mileage, consumption, emission and cost figures for the purposes of VMT reduction and fuel economy improvements?		V		2	0					
2 B	Evaluated passenger vehicle assignments to identify ideal locations for the delivery of EV charging station projects as part of a high-efficiency vehicle fleet plan?	V			3	3					

2 C	Utilized vehicle telematic systems to accurately track performance figures of your entire traveling fleet?	V			2	2
		Poi	Points Total 7		5	
3	Products and Materials	Yes	No	N/A	Points Value	Points Earned
3 A	Maintained a comprehensive list of environmentally preferred and sustainable products and equipment procured by your agency (i.e. EnergyStar, FSC Certified, GreenGuard, GreenSeal, USDA Bio-Preferred, EPEAT, WaterSense or other)?	V			2	2
		Poi	ints To	otal	2	2
4	Renewable Energy Opportunity Evaluation	Yes	No	N/A	Points Value	Points Earned
4 A	Identified facility(s) with opportunity for renewable energy and analyzed return on investment?		V		3	0
		Poi	ints To	otal	3	0
	Total Points Earned for Bencl	nmark	ing an	d Eval	uations (I)	26
	Total Points Available for Bencl	nmark	ing an	d Eval	uations (I)	39
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Ш	Buildings and Structures	1	ı			
5	Operations and Maintenance	Yes	No	N/A	Points Value	Points Earned
5 A	Completed annual inspections of building systems, components and envelope to take advantage of equipment warranty periods and/or facility maintenance contracts?	V			2	2
5 B	Established maintenance plans and/or contracts for your facilities to ensure peak operations (Ex: General Services Administration Public Building Maintenance Standards 10-2018)?	V			2	2
5 C	Installed light fixture dimmers, occupancy/motion sensors and timers to reduce energy consumption (though partnership with DGS or other)?	V			1	1
5 D	Inspected entry doors and windows for proper closing and sealing and ensured proper use and function to reduce energy loss?	V			1	1
5 E	Utilized Infrared Scanning (IR) for the identification of insufficient insulation, moisture infiltration and electrical anomalies in at least 1 facility?	V			1	1
5 F	Utilized Infrared Scanning (IR) for the identification of insufficient insulation, moisture infiltration and electrical anomalies in more than 1 facility?	V			2	2
5 G	Performed commissioning or recommissioning of building operational systems to maintain peak efficiency, air quality, thermal comfort and interior acoustics?	V			3	3
		Poi	ints To	otal	12	12
6	Building Systems Efficiency	Yes	No	N/A	Points Value	Points Earned
6 A	Accepted an investment-grade audit as part of a new Guaranteed Energy Savings Act (GESA) contract with DGS for improving building system efficiency?	V			3	3
6 B	Optimized building automation systems for energy efficiency consistent with building occupancy in all facilities?		V		2	0
6 C	Upgraded 25% or greater of lighting and fixtures to LED?	V			3	3
6 D	Installed programmable thermostats and system meters to reduce energy consumption?	\			2	2
6 E	Installed low flow plumbing fixtures in at least 1 facility?	\			1	1
6 F	Installed low flow plumbing fixtures within all facilities?		V		2	0

Installed on-demand or heat-pump hot water heaters?

6 H	Installed high-efficiency HVAC systems and/or those that utilize geothermal and energy recovery components?	7			3	3	
		Poi	Points Total		17	13	
7	High-Performance Buildings	Yes	No	N/A	Points Value	Points Earned	
7 A	Incorporated high-performance building designs, techniques and materials into the design of a facility project?	V			2	2	
7 B	Achieved a measurable 10% reduction in energy consumption over ANSI/ASHRAE/IES Standard 90.1.2016 for any project (and/or achieved certification(s) including LEED, EnergyStar, etc.)?	V			4	4	
7 C	Partnered with Public Works for the planning and/or delivery of a Sustainable high-performance new construction and/or facility renovation project with performance that exceeds ANSI/ASHRAE/IES Standard 90.1.2016?		V		4	0	
		Poi	ints To	otal	10	6	
	Total Points Earned for	Buildi	ngs ar	nd Stru	ıctures (II)	31	
	Total Points Available for	Buildi	ngs ar	nd Stru	ıctures (II)	39	
III Transportation							
8	Operations and Maintenance	Yes	No	N/A	Points Value	Points Earned	
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III	III Transportation							
8	Operations and Maintenance	Yes	No	N/A	Points Value	Points Earned		
8 A	Utilized vehicle telematic systems to accurately track maintenance, consumption and use figures for your fleet?	V			2	2		
8 B	Established agency-wide policy measures and business procedures for the reduction of Vehicle Miles Traveled (VMT) for items such as in-person meetings and other employee interactions?		V		3	0		
		Po	Points Total		5	2		
9	Vehicle Efficiency (utilization of EV's and PHEV's)	Yes	No	N/A	Points Value	Points Earned		
9 A	Established a high-efficiency vehicle fleet plan including the purchase of battery electric and/or plug-in hybrid vehicle(s) and supporting infrastructure (charging stations) to achieve the 25% fleet goal?	V			4	4		
9 B	Installed electric vehicle charging stations in at least 1 location to support your high-efficiency vehicle fleet plan?	V			1	1		
9 C	Installed 50% additional electric vehicle charging stations to support your high-efficiency vehicle fleet plan (or enough to support 25% of your total passenger fleet)?		V		4	0		
9 D	Purchased at least 1 battery electric and/or plug-in hybrid electric vehicle?	V			1	1		
9 E	Purchased 50% additional battery electric and/or plug-in electric hybrid vehicles (or met 25% of your total passenger fleet)?		V		2	0		
9 F	Downsized at least 1 fleet vehicle with a smaller and/or more efficient vehicle for the work task?	V			2	2		
9 G	Procured and utilized the most efficient light, medium and heavy-duty vehicle(s) for the operational need or work task as part of a high-efficiency vehicle fleet plan?	V			3	3		
9 H	Permanently returned a vehicle(s) to DGS Bureau of Vehicle Management resulting in a smaller, therefore more efficient overall fleet? (turned in fixed asset tag)	V			4	4		
		Points Total 21						
	Total Points Ea	rned	for Tra	anspor	tation (III)	17		
Total Points Available for Transportation (III						26		

IV	Products and Materials					
10	Procurement	Yes	No	N/A	Points Value	Points Earned
10 A	Procured environmentally preferred and sustainable products and equipment?	\			1	1

10 B	Purchased or utilized a new environmentally preferred and/or sustainable product or equipment not previously procured for use by your agency?		7		2	0		
		Points Total			3	1		
11	Recycling	Yes	No	N/A	Points Value	Points Earned		
11 A	Collected and processed new recyclable material(s) in an effort to move toward zero waste facilities?		V		2	0		
11 B	Established or participated in a recycling program?	V			1	1		
11 C	Established or participated in a recycling program that incorporates organic and food waste materials?		7		3	0		
		Ро	ints T	otal	6	1		
12	Cleaning	Yes	No	N/A	Points Value	Points Earned		
12 A	Established and maintained green cleaning policies and services within Commonwealth-owned space?	V			1	1		
12 B	Established green cleaning policies and services within leased space?	7			1	1		
Points Total 2								
Total Points Earned for Products and Materials (IV								
	Total Points Available for Products and Materials (IV)							

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V	Culture					
13	Employee Engagement	Yes	No	N/A	Points Value	Points Earned
13 A	Established and supported an Agency Sustainability Team consistent with the requirements set forth within Management Directive 720.05, consisting of multiple disciplines and executive staff?	V			3	3
13 B	Established and supported a Sustainability Communications Plan for the continued messaging of sustainability policies, practices and initiatives throughout your organization?	7			2	2
13 C	Implemented a formal training program for staff to increase awareness and opportunities to lead-by-example in the areas including: climate, energy and/or sustainability?	7			3	3
13 D	Solicited employee feedback in regard to the improvement of processes and operations within their areas (LEAN principles)?	7			2	2
13 E	Educated and/or provided tools to employees for the evaluation of business travel carbon footprint generated through all forms of transportation including multimodal (bus, train, air, etc.)?	V			1	1
13 F	Promoted alternative commuting options including mass transit, carpooling and walking & biking (could include building occupant surveys on commuting practices to enhance existing programs)?	7			1	1
13 G	Fostered interest in sustainability, reduction and recycling with employees through sponsorship of programs, initiatives and events?	7			1	1
13 H	Established and supported a Recycling Communications Plan for the continued messaging of recycling policies, practices and initiatives throughout your organization?	7			1	1
13 I	Established or participated in a litter reduction plan, initiative or survey?	>			1	1
13 J	Established and supported an employee award and/or incentive program for participation in sustainability?	7			1	1
13 K	Solicited employee feedback in regard to occupant comfort and perceived performance of building systems within their space?	>			1	1
13 L	Promoted the use of stairs instead of elevators wherever possible for energy conservation?	7			1	1
13 M	Established a paper usage reduction policy (such as; print what is needed, print both sides, print black & white, track printing by employee)?	7			1	1

13 N	Promoted waste reduction measures (such as; use of coffee mugs, utensils instead of disposable products)?	V			1	1
13 0	Promoted energy-saving measures (such as; turning off lights when not needed, HVAC setbacks)?	7			1	1
13 P	Promoted water saving measures (such as; water bottle filling stations and low-flow fixtures)?	7			1	1
13 Q	Consolidated floor-standing printers, copiers, vending machines and other equipment for energy conservation?	7			1	1
13 R	Reduced vehicle miles traveled (VMT) through the use of Skype conferencing and remote classroom training options?	V			1	1
		Po	ints To	otal	24	24
14	Public Engagement	Yes	No	N/A	Points Value	Points Earned
14 A	Promoted programs, events and press to engage and educate the public in sustainability?	v			2	2
14 B	Integrated a new sustainability policy and/or practice within operations with the public and/or outside business partners?		7		1	0
14 C	Implemented a sustainability policy and/or practice plan within operations with the public and/or outside business partners?		7		3	0
		Po	ints To	otal	6	2
	Total F	oints	Earne	d for (Culture (V)	26
	Total Poi	ints A	vailab	le for (Culture (V)	30
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VI	Renewable Energy					
15	Commitment to Purchase	Yes	No	N/A	Points Value	Points Earned
15 A	Continued commitment to purchase 40% or greater renewable electricity or energy offset through DGS?	V			3	3
		Po	ints To	otal	3	3
16	Utilization of On-Site Renewables	Yes	No	N/A	Points Value	Points Earned
16 A	Delivered new renewable energy project(s) at a facility(s)?		V		3	0
16 B	Delivered new large scale renewable energy project(s) at facility(s) equal to or greater than the 3 megawatt net metering threshold (through partnership with DGS or other)?		V		4	0
		Po	ints To	otal	7	0

Total Points Earned for Renewable Energy (VI)

Total Points Available for Renewable Energy (VI)

10

Resilience

VII	Resilience										
17	Buildings and Structures	Yes	No	N/A	Points Value	Points Earned					
17 A	Trained multiple staff members on maintaining building systems at high-performance levels to ensure consistent operations including programs & certifications (Ex: Building Operator Certification (BOC))?		7		1	0					
17 B	Implemented a training and/or credential plan for all facilities staff on building systems in which they oversee?		V		2	0					
17 C	Established and/or maintained periodic inspections and testing on back-up generators, UPS units and other critical infrastructure such as network and communications equipment?	7			2	2					
17 D	Participated in public utility programs that reduce demand on the electrical supply grid?	V			1	1					

17 E	Evaluated opportunities to enhance storm water management programs for increases in water quality, water resource management and infrastructure preservation?	V			2	2				
17 F	Participated in storm water projects or partnerships with municipalities or outside partners to reduce and alleviate storm water impacts?	V			2	2				
17 G	Identified properties utilized by your organization that are located within a flood plain, established protocols for a flood event and ensured that critical infrastructure & systems are out of flood-prone areas?	V			2	2				
		Po	Points Total		Points Total		Points Total		12	9
18	Transportation	Yes	No	N/A	Points Value	Points Earned				
18 A	Implemented home-headquarter work options for staff that result in permanent reductions in carbon footprint associated with travel?	V			4	4				
18 B	Purchased alternative fuel vehicles and/or alternative fuel technology within your fleet apart from battery electric and hybrid electric vehicles, such as CNG, LNG, LPG, hydrogen?		N		2	0				
		Points Total		otal	6	4				
19	Procurement	Yes	No	N/A	Points Value	Points Earned				
19 A	Established plans and procedures and identified contracts for the procurement of goods and services for COOP and/or natural disaster events?	7			2	2				
		Points Total		Points Total		2	2			
20	Culture	Yes	No	N/A	Points Value	Points Earned				
20 A	Prepared and practiced Continuity of Operations Plans (COOP) to enhance readiness and ensure continued operations of your agency?	7			2	2				
20 B	Established and supported a COOP Communications & Training Plan for the continued messaging and implementation of COOP policies, practices and initiatives throughout your organization?	7			1	1				
20 C	Partnered with lead agencies on the development, awareness and implementation of solutions to health, natural disaster and environmental threats?	V			2	2				
20 D	Established and supported a telework plan for all employees in the event of health, natural disaster and environmental threats?	7			2	2				
		Po	ints To	otal	7	7				
	Total poin	ts ear	ned fo	or Resi	liency (VII)	22				
	Total points	availa	ble fo	or Resi	liency (VII)	27				
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Overall Total Points Earned										

Overall Total Points Available

182