



GreenGov Agency Certification Checklist Fiscal Year 2020-2021 Reporting

Agency Representative Sign-off: Abby FoxAgency Executive Sign-off: Abby Fox

Points Applicable	Points Earned	Score
82	38	46%

Instructions:

- Review each measure and answer based upon actions of your Agency within the fiscal year of July 1, 2020 through June 30, 2021.
- As each measure is evaluated, begin with the following preface: "Since July 2020, as an Agency have you..."
- The Checklist will automatically tally all points earned based upon measures applicable to your Agency.
- Once completed, enter 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, September 3, 2021**

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".
- Blue** highlighted measures valued at **4** points are direct initiatives of GreenGov Programs.
- Green** highlighted measures valued at **4** points are direct initiatives of Executive Order 2019-01.

Contact GreenGov:Phone: 717-787-4987 Email: RA-GSGreenGov@pa.gov Web: dgs.pa.gov/GreenGov**Since July 2020, 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 checked="" type="checkbox"/>	0	0
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?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	0	0
1 C	Participated in the Commonwealth Utility Benchmarking Initiative (CUBI) through the 2021 EnergyCAP Agency Workplan by assigning "Agency Liaison", "Core User" and other roles?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	0	0
1 D	Utilized EnergyCAP for the evaluation of utility bills regarding consumption trends, usage spikes, billing anomalies and establishing reduction targets for compliance with Executive Order 2019-01?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	0	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 checked="" type="checkbox"/>	0	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?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	0	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 checked="" type="checkbox"/>	0	0
1 H	Received Act 129 or other energy conservation or sustainability incentive program rebates?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	0	0
1 I	Achieved an overall 3% reduction of energy consumption within the past Fiscal Year (2020-2021) as per Executive Order 2019-01 through the participation in energy reduction programs and projects?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	0	0
Points Total					0	0
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?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	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?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	3	3
2 C	Utilized vehicle telematic systems to accurately track performance figures of your entire traveling fleet?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	2	2
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)?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	2	0	
					Points Total	2	0
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?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	0	0	
					Points Total	0	0
Total Points Earned for Benchmarking and Evaluations (I)						5	
Total Points Available for Benchmarking and Evaluations (I)						9	

II Buildings and Structures							
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 warranty periods and contracts?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	0	0	
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)?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	0	0	
5 C	Installed light fixture dimmers, occupancy/motion sensors and timers to reduce energy consumption (through partnership with DGS or other)?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	0	0	
5 D	Inspected entry doors and windows for proper closing and sealing and ensured proper use and function to reduce energy loss?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	0	0	
5 E	Utilized Infrared Scanning (IR) for the identification of insufficient insulation, moisture infiltration and electrical anomalies in at least 1 facility?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	0	0	
5 F	Utilized Infrared Scanning (IR) for the identification of insufficient insulation, moisture infiltration and electrical anomalies in more than 1 facility?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	0	0	
5 G	Performed commissioning or recommissioning of building operational systems to maintain peak efficiency, air quality, thermal comfort and interior acoustics?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	0	0	
					Points Total	0	0
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?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	0	0	
6 B	Optimized building automation systems for energy efficiency consistent with building occupancy in all facilities?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	0	0	
6 C	Upgraded 25% or greater of lighting and fixtures to LED?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	0	0	
6 D	Installed programmable thermostats and system meters to reduce energy consumption?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	0	0	
6 E	Installed low flow plumbing fixtures in at least 1 facility?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	0	0	
6 F	Installed low flow plumbing fixtures within all facilities?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	0	0	
6 G	Installed on-demand or heat-pump hot water heaters?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	0	0	
6 H	Installed high-efficiency HVAC systems and/or those that utilize geothermal and energy recovery components?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	0	0	
					Points Total	0	0
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?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	0	0	
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.)?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	0	0	

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?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	0	0	
					Points Total	0	0
					Total Points Earned for Buildings and Structures (II)		0
					Total Points Available for Buildings and Structures (II)		0

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?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	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?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	3	0	
					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?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	4	4	
9 B	Installed electric vehicle charging stations in at least 1 location to support your high-efficiency vehicle fleet plan?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	1	0	
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)?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	4	0	
9 D	Purchased at least 1 battery electric and/or plug-in hybrid electric vehicle?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	1	1	
9 E	Purchased 50% additional battery electric and/or plug-in electric hybrid vehicles (or met 25% of your total passenger fleet)?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	2	2	
9 F	Downsized at least 1 fleet vehicle with a smaller and/or more efficient vehicle for the work task?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	2	0	
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?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	3	0	
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)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	4	4	
					Points Total	21	11
					Total Points Earned for Transportation (III)		13
					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?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	0	0	
10 B	Purchased or utilized a new environmentally preferred and/or sustainable product or equipment not previously procured for use by your agency?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	0	0	
					Points Total	0	0
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?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	2	2	
11 B	Established or participated in a recycling program?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	1	1	
11 C	Established or participated in a recycling program that incorporates organic and food waste materials?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	0	0	
					Points Total	3	3

12 <i>Cleaning</i>		Yes	No	N/A	Points Value	Points Earned
12 A	Established and maintained green cleaning policies and services within Commonwealth-owned space?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	0	0
12 B	Established green cleaning policies and services within leased space?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	0	0
Points Total					0	0
Total Points Earned for Products and Materials (IV)						3
Total Points Available for Products and Materials (IV)						3

V Culture						
13 <i>Employee Engagement</i>		Yes	No	N/A	Points Value	Points Earned
13 A	Established and supported a Sustainability Team to identify opportunities (team should consist of multiple disciplines and executive staff)?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	3	0
13 B	Established and supported a Sustainability Communications Plan for the continued messaging of sustainability policies, practices and initiatives throughout your organization?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	2	0
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?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	3	0
13 D	Solicited employee feedback in regard to the improvement of processes and operations within their areas (LEAN principles)?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	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.)?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	1	0
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)?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	1	0
13 G	Fostered interest in sustainability, reduction and recycling with employees through sponsorship of programs, initiatives and events?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	1	0
13 H	Established and supported a Recycling Communications Plan for the continued messaging of recycling policies, practices and initiatives throughout your organization?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	1	1
13 I	Established or participated in a litter reduction plan, initiative or survey?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	1	0
13 J	Established and supported an employee award and/or incentive program for participation in sustainability?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	1	0
13 K	Solicited employee feedback in regard to occupant comfort and perceived performance of building systems within their space?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	0	0
13 L	Promoted the use of stairs instead of elevators wherever possible for energy conservation?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	1	0
13 M	Established a paper usage reduction policy (such as; print what is needed, print both sides, print black & white, track printing by employee)?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	1	0
13 N	Promoted waste reduction measures (such as; use of coffee mugs, utensils instead of disposable products)?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	1	0
13 O	Promoted energy-saving measures (such as; turning off lights when not needed, HVAC setbacks)?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	1	0
13 P	Promoted water saving measures (such as; water bottle filling stations and low-flow fixtures)?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	1	0
13 Q	Consolidated floor-standing printers, copiers, vending machines and other equipment for energy conservation?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	1	0
13 R	Reduced vehicle miles traveled (VMT) through the use of Skype conferencing and remote classroom training options?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	1	1
Points Total					23	4
14 <i>Public Engagement</i>		Yes	No	N/A	Points Value	Points Earned
14 A	Promoted programs, events and press to engage and educate the public in sustainability?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	2	0

14 B	Integrated a new sustainability policy and/or practice within operations with the public and/or outside business partners?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	1	0
14 C	Implemented a sustainability policy and/or practice plan within operations with the public and/or outside business partners?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	3	0
Points Total					6	0
Total Points Earned for Culture (V)					4	
Total Points Available for Culture (V)					29	

VI		Renewable Energy				
15 <i>Commitment to Purchase</i>		Yes	No	N/A	Points Value	Points Earned
15 A	Continued commitment to purchase 40% or greater renewable electricity or energy offset through DGS?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	0	0
Points Total					0	0
16 <i>Utilization of On-Site Renewables</i>		Yes	No	N/A	Points Value	Points Earned
16 A	Delivered new renewable energy project(s) at a facility(s)?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	0	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)?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	0	0
Points Total					0	0
Total Points Earned for Renewable Energy (VI)					0	
Total Points Available for Renewable Energy (VI)					0	

VII		Resilience				
17 <i>Buildings and Structures</i>		Yes	No	N/A	Points Value	Points Earned
17 A	Trained multiple staff members on maintaining building systems at performance levels to ensure consistent operations including programs & certifications (Ex: Building Operator Certification (BOC))?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	0	0
17 B	Implemented a training and/or credential plan for all facilities staff on building systems in which they oversee?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	0	0
17 C	Established and/or maintained periodic inspections and testing on back-up generator and UPS units?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	0	0
17 D	Participated in public utility programs that reduced demand on the supply grid?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	0	0
17 E	Evaluated opportunities to enhance storm water management programs for increases in water quality, water resource management and infrastructure preservation?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	0	0
17 F	Participated in storm water projects or partnerships with municipalities or outside partners to reduce and alleviate storm water impacts?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	0	0
17 G	Identified properties utilized by your organization that are located within a flood plain and established protocols for a flood event?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	0	0
Points Total					0	0
18 <i>Transportation</i>		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?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	4	4
18 B	Purchased alternative fuel vehicles and/or alternative fuel technology within your fleet that are not included in the Executive Order, such as CNG, LNG, LPG, hydrogen?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	2	0
Points Total					6	4
19 <i>Procurement</i>		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?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	2	2
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?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	2	2
20 B	Established and supported a COOP Communications Plan for the continued messaging of COOP policies, practices and initiatives throughout your organization?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	1	1
20 C	Partnered with lead agencies on the development, awareness and implementation of solutions to health, natural disaster and environmental threats?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	2	2
20 D	Established and supported a telework plan for all employees in the event of health, natural disaster and environmental threats?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	2	2
Points Total					7	7

Total points earned for Resiliency (VII) **13**

Total points available for Resiliency (VII) **15**

Overall Total Points Earned **38**

Overall Total Points Available **82**