



## GreenGov Agency Certification Checklist Fiscal Year 2019-2020 Reporting

**Paula J Wilcox**      **Dep.**

Agency Representative Sign-off: **Larry Dove**

Agency Executive Sign-off: **Dir. For Administration**

Points Applicable	Points Earned	Score
<b>151</b>	<b>103</b>	<b>68%</b>

**Instructions:**

1. Review each measure and answer based upon the actions of your Agency within the fiscal year of July 1, 2019 through **October 9, 2020**.
2. As each measure is evaluated, begin with the following preface: "Since July 2019, as an Agency have you...".
3. The Checklist will automatically tally the points earned based upon measures applicable to your Agency.
4. Once completed, save the document with your Agency name and date completed.
5. Email the completed Checklist to: RA-GSGreenGov@pa.gov by **Friday, October 9, 2020**.

**Scoring:**

1. Score will be based upon the percentage of "yes" answers to measures that apply to your Agency.
2. For measures that do not apply to your Agency, select "not applicable".
3. Measures that are 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 2019, as an Agency have you...**

I <b>Benchmarking and Evaluation</b>						
I		Yes	No	N/A	Points Value	Points Earned
<b>1</b>	<b>Facility Benchmarking</b>					
1 A	Maintained an inventory of all buildings both owned and leased? (This information is also a key component for the move to the DGS TRIRIGA inventory system.)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	1	1
1 B	Maintained an inventory of all owned and leased building square footage for use in DGS TRIRIGA & EnergyCAP systems?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	2	2
1 C	Implemented EnergyCAP for the capturing of energy bills within your facilities through the assignment and validation of meters? (facilities 20,000 square feet & greater)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	2	2
1 D	Assigned EnergyCAP "Agency Liaison", "Core User" and other roles for your agency who will participate in the program and receive training to create & maintain your agency's executive level utility reports.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	1	1
1 E	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 checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	3	3
1 F	Established an Executive-level energy portfolio report for your agency's facilities through the EnergyCAP System.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	1	1
1 G	Developed a comprehensive utility bill tracking plan or program within Lessor-paid utility leased facilities for energy benchmarking? Example: EnergyStar, EnergyCAP or other (through lessor)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	2	2
1 H	Worked with a Lessor to establish a utility bill tracking program for at least 1 facility?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	0	0
1 I	Received Act 129 or other energy conservation or sustainability incentive program rebates?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	1	1
1 J	Achieved an overall 3% reduction of energy consumption within the <b>past</b> Fiscal Year (2018-2019) as per Executive Order 2019-01 through the participation in energy reduction programs and projects?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<b>4*</b>	4
<b>Points Total</b>					17	17
<b>2</b>	<b>Transportation Benchmarking</b>					
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"/>	3	0
2 B	Utilized vehicle telematic systems to accurately track performance figures for your entire traveling fleet?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	2	2

2 C	Evaluated passenger vehicle parking assignments to identify ideal locations for the delivery of EV charging station projects as part of an electrified vehicle plan?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	3	3	
					<b>Points Total</b>	8	5
<b>3</b>	<b>Products and Materials</b>	<b>Yes</b>	<b>No</b>	<b>N/A</b>	<b>Points Value</b>	<b>Points Earned</b>	
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 checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	2	2	
					<b>Points Total</b>	2	2
<b>4</b>	<b>Renewable Energy Opportunity Evaluation</b>	<b>Yes</b>	<b>No</b>	<b>N/A</b>	<b>Points Value</b>	<b>Points Earned</b>	
4 A	Identified facility(s) with opportunity for renewable energy and analyzed return on investment?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	3	0	
					<b>Points Total</b>	3	0
<b>Total Points Earned for Benchmarking and Evaluations (I)</b>						<b>24</b>	
<b>Total Points Available for Benchmarking and Evaluations (I)</b>						<b>30</b>	

<b>II Buildings and Structures</b>							
<b>5</b>	<b>Operations and Maintenance</b>	<b>Yes</b>	<b>No</b>	<b>N/A</b>	<b>Points Value</b>	<b>Points Earned</b>	
5 A	Completed annual inspections of building systems, components and envelope to take advantage of warranty periods and contracts?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	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)?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	3	3	
5 C	Installed light fixture dimmers, occupancy/motion sensors and timers to reduce energy consumption (through partnership with DGS or other)?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	1	1	
5 D	Inspected entry doors and windows for proper closing and sealing and ensured proper use and function to reduce energy loss?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	1	1	
5 E	Utilized Infrared Scanning (IR) for the identification of insufficient insulation, moisture infiltration and electrical anomalies in <b>at least 1</b> facility?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	1	1	
5 F	Utilized Infrared Scanning (IR) for the identification of insufficient insulation, moisture infiltration and electrical anomalies in <b>more than 1</b> facility?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	2	2	
5 G	Performed commissioning or recommissioning of building operational systems to maintain peak efficiency, air quality, thermal comfort and interior acoustics?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	3	3	
					<b>Points Total</b>	13	13
<b>6</b>	<b>Building Systems Efficiency</b>	<b>Yes</b>	<b>No</b>	<b>N/A</b>	<b>Points Value</b>	<b>Points Earned</b>	
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 checked="" type="checkbox"/>	<input type="checkbox"/>	3	0	
6 B	Optimized building automation systems for energy efficiency consistent with building occupancy in all facilities?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	2	2	
6 C	Upgraded <b>25%</b> or greater of lighting and fixtures to LED?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	3	3	
6 D	Installed programmable thermostats and system meters to track energy consumption?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	2	2	
6 E	Installed low flow plumbing fixtures in <b>at least 1</b> facility?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	1	1	
6 F	Installed low flow plumbing fixtures <b>within all</b> facilities?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	2	0	
6 G	Installed on-demand or heat-pump hot water heaters?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	1	1	
6 H	Installed high-efficiency HVAC systems and/or those that utilize geothermal and energy recovery components?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	3	3	
					<b>Points Total</b>	17	12

<b>7 Green Buildings</b>		Yes	No	N/A	Points Value	Points Earned
7 A	Incorporated high-performance green building designs, techniques and materials following LEED, EnergyStar, Green Globe, etc. into project(s)?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	3	3
7 B	Achieved 10% reduction in energy consumption over ANSI/ASHRAE/IES Standard 90.1.2016 for any project (and/or achieved certification(s) including LEED, EnergyStar, Green Globe, etc.)?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	4*	4
<b>Points Total</b>					7	7
<b>Total Points Earned for Buildings and Structures (II)</b>						<b>32</b>
<b>Total Points Available for Buildings and Structures (II)</b>						<b>37</b>

<b>III Transportation</b>						
<b>8 Operations and Maintenance</b>		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
<b>Points Total</b>					2	2
<b>9 Vehicle Efficiency (utilization of EV's and PHEV's)</b>		Yes	No	N/A	Points Value	Points Earned
9 A	Established an electrified vehicle fleet plan including the purchase of battery electric and/or plug-in hybrid electric vehicle(s) and supporting infrastructure (EV charging stations) to achieve the 25% goal?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	4*	0
9 B	Installed electric vehicle charging stations in <b>at least 1</b> location to support your electrified vehicle fleet plan?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	1	0
9 C	Installed <b>50% additional</b> electric vehicle charging stations to support your electrified vehicle fleet plan (or enough to support 25% of your total passenger fleet)?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	2	0
9 D	Purchased <b>at least 1</b> battery electric and/or plug-in hybrid electric vehicle?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	1	0
9 E	Purchased <b>50% additional</b> battery electric and/or plug-in electric hybrid vehicles (or met 25% of your total passenger fleet)?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	2	0
9 F	Selected the most efficient light, medium and heavy-duty vehicle(s) for the operational need or work task?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	2	2
<b>Points Total</b>					12	2
<b>Total Points Earned for Transportation (III)</b>						<b>4</b>
<b>Total Points Available for Transportation (III)</b>						<b>14</b>

<b>IV Products and Materials</b>						
<b>10 Procurement</b>		Yes	No	N/A	Points Value	Points Earned
10 A	Procured environmentally preferred and sustainable products and equipment?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	1	1
10 B	Purchased or utilized a <b>new</b> environmentally preferred and/or sustainable product or equipment not previously procured for use by your agency?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	2	2
<b>Points Total</b>					3	3
<b>11 Recycling</b>		Yes	No	N/A	Points Value	Points Earned
11 A	Collected and processed <b>new</b> recyclable materials 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 checked="" type="checkbox"/>	<input type="checkbox"/>	1	0
<b>Points Total</b>					4	3
<b>12 Cleaning</b>		Yes	No	N/A	Points Value	Points Earned

12 A	Established green cleaning policies and services within Commonwealth-owned space?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	1	0
12 B	Established green cleaning policies and services within leased space?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	1	0
<b>Points Total</b>					<b>2</b>	<b>0</b>
<b>Total Points Earned for Products and Materials (IV)</b>					<b>6</b>	
<b>Total Points Available for Products and Materials (IV)</b>					<b>9</b>	

V		Culture				
<b>13 Employee Engagement</b>		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 checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	3	3
13 B	Established and supported a Sustainability Communications Plan for the continued messaging of sustainability policies, practices and initiatives throughout your organization?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	2	2
13 C	Established and supported a sustainability awareness training or initiative to raise awareness with staff?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	2	2
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 checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	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)?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	1	1
13 G	Fostered interest in sustainability, reduction and recycling with employees through sponsorship of programs, initiatives and events?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	1	1
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 checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	1	1
13 J	Established and supported an employee awards and/or incentives 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 checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	1	1
13 L	Promoted the use of stairs instead of elevators wherever possible for energy conservation?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	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)?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	1	1
13 N	Promoted waste reduction measures (such as; use of coffee mugs, utensils instead of disposable products)?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	1	1
13 O	Promoted energy-saving measures (such as; turning off lights when not needed, HVAC setbacks)?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	1	1
13 P	Promoted water saving measures (such as; water bottle filling stations and low-flow fixtures)?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	1	1
13 Q	Consolidated floor-standing printers, copiers, vending machines and other equipment for energy conservation?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	1	1
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
<b>Points Total</b>					<b>23</b>	<b>22</b>
<b>14 Public Engagement</b>		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 <b>new</b> 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 <b>plan</b> within operations with the public and/or outside business partners?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	3	0	
					<b>Points Total</b>	6	0
					<b>Total Points Earned for Culture (V)</b>	<b>22</b>	
					<b>Total Points Available for Culture (V)</b>	<b>29</b>	

VI		Renewable Energy					
15	<b>Commitment to Purchase</b>	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 checked="" type="checkbox"/>	<input type="checkbox"/>	3	0	
					<b>Points Total</b>	3	0
16	<b>Utilization of On-Site Renewables</b>	Yes	No	N/A	Points Value	Points Earned	
16 A	Delivered <b>new</b> renewable energy project(s) at facility(s)?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	3	0	
16 B	Delivered <b>new</b> 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 checked="" type="checkbox"/>	<input type="checkbox"/>	4*	0	
					<b>Points Total</b>	7	0
					<b>Total Points Earned for Renewable Energy (VI)</b>	<b>0</b>	
					<b>Total Points Available for Renewable Energy (VI)</b>	<b>10</b>	

VII		Resilience					
17	<b>Buildings and Structures</b>	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 checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	1	1	
17 B	Implemented a training and/or credential plan for <b>all</b> facilities staff on building systems in which they oversee?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	2	0	
17 C	Established and/or maintained periodic inspections and testing on back-up generator and UPS units?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	2	2	
17 D	Participated in public utility programs that reduced demand on the supply grid?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	1	0	
17 E	Evaluated opportunities to enhance storm water management programs for increases in water quality, water resource management and infrastructure preservation?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	2	2	
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 checked="" type="checkbox"/>	<input type="checkbox"/>	2	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	
					<b>Points Total</b>	10	5
18	<b>Transportation</b>	Yes	No	N/A	Points Value	Points Earned	
18 A	Identified home-headquarter options for staff to reduce carbon footprint associated with travel and building energy consumption?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	1	1	
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	
					<b>Points Total</b>	3	1
19	<b>Procurement</b>	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	
					<b>Points Total</b>	2	2

<b>20</b>	<b>Culture</b>	<b>Yes</b>	<b>No</b>	<b>N/A</b>	<b>Points Value</b>	<b>Points Earned</b>
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 employees in the event of health, natural disaster and environmental threats?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	2	2
<b>Points Total</b>					<b>7</b>	<b>7</b>

<b>Total points earned for Resiliency (VII)</b>	<b>15</b>
<b>Total points available for Resiliency (VII)</b>	<b>22</b>

<b>Overall Total Points Earned</b>	<b>103</b>
<b>Overall Total Points Available</b>	<b>151</b>