

## Probo.CI



CEC\_CHCS — no.3531287

## Partner for Change (No Beds) - 2018: Climate

### Introduction

According to the Lancet Commission, “Tackling climate change could be the greatest global health opportunity of the 21st century.” Climate change is the most serious and pressing environmental issue and emerging threat to human health. Practice Greenhealth looks forward to learning about and celebrating your climate change mitigation, resilience, and communication efforts to date.

### Greenhouse Gas Emissions

Addressing climate change is a multi-step process that includes understanding the facility's impact, tracking the facility's impact and mitigating the facility's impact. This section of the application will help you understand different greenhouse gas emissions reporting categories relevant to healthcare, and point you to key resources for assistance in tracking these emissions.

**Please Note:** If you are using [EnergyStar Portfolio Manager](#), the tool tracks both direct (Scope I) and indirect (Scope II) energy-related greenhouse gas (GHG) emissions in Metric Tons of CO<sub>2</sub> equivalent (CO<sub>2</sub>e). To access your facility's GHG emissions data in Portfolio Manager, login, click on the Reporting tab, scroll down to Emissions Performance in Templates and Reports, and generate a new report. Be sure to select the 12-month period beginning Jan 1, 2017 and ending Dec 31, 2017.

To enter your Portfolio Manager data in Table A, go to the row called **Other Scope I Emissions** and type *Portfolio Manager Scope I* in the first column and enter your Scope I emissions (in MTCO<sub>2</sub>e) in the 2nd column. Repeat the same process for Scope II (Indirect Emissions). Portfolio Manager does not calculate Scope III emissions.

Learn more about tracking GHGs with Energy Star's [GHG emission calculation resources](#).

Please enter your facility's annual **GHG emissions** in **Table A**. Please enter all data in **Metric Tons of Carbon Dioxide Equivalents (MTCO<sub>2</sub>e)**.

Practice Greenhealth modeled its GHG reporting categories on [The Greenhouse Gas Protocol: A Corporate Accounting and Reporting Standard \(GHG Protocol\)](#) by the World Resources Institute (WRI) and the World Business Council for Sustainable Development (WBCSD). For more information on reporting categories, see this [Overview of GHG Protocol Scopes](#).

**Table A: Current Year Greenhouse Gas Emissions**

Category	Current Year
<b>Scope I (Direct Emissions)</b>	<b>Metric Tons of CO<sub>2</sub>e Emissions</b>
Stationary Combustion of Fuels (E.g. Boilers, generators, onsite incinerators, etc.)	<b>1.</b> <input type="text"/>
Mobile Fuel Combustion by Fleet Vehicles	<b>2.</b> <input type="text"/>
Refrigerants (Fluorinated Gases)	<b>3.</b> <input type="text"/>

Waste Anesthetic Gases (Process Emissions)	<u>4.</u> <input type="text" value="0"/>
<u>5.</u> Other Scope I Emissions (please describe): <input type="text"/>	<u>6.</u> <input type="text"/>
<b>Total Scope I Emissions</b>	<u>7.</u> <input type="text" value="0"/>
<b>Scope II (Indirect Emissions)</b>	<b>Metric Tons of CO2e Emissions</b>
Purchased Electricity	<u>8.</u> <input type="text"/>
Purchased Steam or Hot Water	<u>9.</u> <input type="text"/>
Purchased Electricity/Steam/Hot Water from CHP Facility	<u>10.</u> <input type="text"/>
Purchased Chilled Water	<u>11.</u> <input type="text"/>
Emission Reductions from RECs	<u>12.</u> <input type="text"/>
<u>13.</u> Other Scope II Emissions (please describe): <input type="text"/>	<u>14.</u> <input type="text"/>
<b>Total Scope II Emissions</b>	<u>15.</u> <input type="text" value="0"/>
<b>Scope III (Indirect Emissions)</b>	<b>Metric Tons of CO2e Emissions</b>
Purchased Goods or Services	<u>18.</u> <input type="text"/>
Capital Goods	<u>19.</u> <input type="text"/>
Fuel and Energy-Related Activities (not in Scope I or II)	<u>16.</u> <input type="text"/>
Transportation and Distribution of Products	<u>17.</u> <input type="text"/>
Disposal of Waste Generated in Operations	<u>20.</u> <input type="text"/>
Employee Business Travel	<u>21.</u> <input type="text"/>
Employee Commuting	<u>22.</u> <input type="text"/>
Processing of Sold Products	<u>23.</u> <input type="text"/>

End of Life Treatment of Sold Products	<b>24.</b> <input type="text"/>
Leased Assets	<b>25.</b> <input type="text"/>
<b>26.</b> Other Scope III Emissions (please describe): <input type="text"/>	<b>27.</b> <input type="text"/>
<b>Total Scope III Emissions</b>	<b>28.</b> <input type="text" value="0"/>
<b>Total GHG Emissions</b>	<b>29.</b> <input type="text" value="0"/>

**Please Note:** Table A. does not include all categories of **Scope 3 GHG** emissions. If the organization is generating and tracking **Scope 3 GHG** emission categories other than those listed, please enter this value (in MTCO<sub>2</sub>e) in the box for Q. 27 above.

In **Table B**, please list the three (or more) top projects that are major components of the organizations' GHG emission reduction strategy in 2017. Reduction metrics must be in **metric tons of CO<sub>2</sub>e**. Examples of mitigation programs could include energy efficiency projects, **renewable energy** installations, alternative transportation programs, **recycling**, composting, purchase of local foods and beverages, water reduction activities, and waste anesthetic gas minimization.

Please carefully select the appropriate Scope for your emissions reductions projects below. If you are unsure what Scope the project falls under, please review Table A above or select **Don't know**.

**Table B. Current Year GHG Emission Reductions**

Project Description	Scope Emissions	CO <sub>2</sub> e Savings(metric tons)	Dollar Savings (list total savings (+) or expenditure (-))
<b>30.</b> <input type="text"/>	<b>31.</b> Select an option... ▼	<b>32.</b> <input type="text"/>	<b>33.</b> <input type="text"/>
<b>34.</b> <input type="text"/>	<b>35.</b> Select an option... ▼	<b>36.</b> <input type="text"/>	<b>37.</b> <input type="text"/>
<b>38.</b> <input type="text"/>	<b>39.</b> Select an option... ▼	<b>40.</b> <input type="text"/>	<b>41.</b> <input type="text"/>
<b>42.</b> <input type="text"/>	<b>43.</b> Select an option... ▼	<b>44.</b> <input type="text"/>	<b>45.</b> <input type="text"/>
<b>46.</b> <input type="text"/>	<b>47.</b> Select an option... ▼	<b>48.</b> <input type="text"/>	<b>49.</b> <input type="text"/>
<b>Total</b>		<b>50.</b> <input type="text" value="0"/>	<b>51.</b> <input type="text" value="0"/>

## Demonstrating Climate Leadership

**52.** Does the facility generate or purchase **renewable energy**?

Yes

Please note that this question pulls directly from the Energy page of the application and cannot be edited on this page.

**52.a** Please describe the organization's work around adding renewables to its energy portfolio.

0

Please note that this question pulls directly from the Energy page of the application and cannot be edited on this page.

**53. Renewable energy** has a significantly different **carbon footprint** than conventional energy and is an important strategy for climate change mitigation. Based on the data entered in the Energy section of this application, the percentage of the facility's energy portfolio from renewable sources is:

0

Please note that this question pulls directly from the Energy page of the application and cannot be edited on this page.

**54.** Has the facility set a greenhouse gas (GHG) reduction goal or has its parent health system (if applicable) set a GHG reduction goal that the facility is accountable for contributing to?

- ☒ Yes  
☐ No

**54.a** Please describe the GHG reduction goal and indicate if it is at the facility or system level, and over what time period.

**55.** Has the organization performed a **Greenhouse Gas (GHG) Emissions audit**?

- ☒ Yes  
☐ No

**55.a** Did the facility contract with a **3rd party firm** to conduct a greenhouse gas audit?

- ☒ Yes  
☐ No

**55.a.a** Please share name of firm conducting audit:

**56.** Has the facility made a formal external commitment to climate change or a signed a commitment?

- ☒ Yes  
☐ No

**56.a** Please select all that apply:

- ☐ American College & University Presidents' Climate Commitment (ACUPCC)  
☐ Climate Registry  
☒ Local/state/regional commitment

- ☐ Health Care Climate Council  
☒ Other

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**56.a.a** Please indicate which local/state/regional commitment the facility has signed onto.

Points will not be awarded for having a climate commitment unless the specific commitment information is provided.

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**56.a.b** Please indicate which other climate commitment the facility has signed onto.

Points will not be awarded for having a climate commitment unless the specific commitment information is provided.

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**56.b** Please attach **pledge or commitment statement**.

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**57.** Has the facility advocated for or promoted policies or regulations that **protect public health from the causes of climate change** (e.g. testifying or submitting comments at public hearings, OpEds, sign-on letters/statements, meeting with public officials)?

- ☒ Yes  
☐ No

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**57.a** Please describe any advocacy work around climate and health and/or provide links or attachments below.

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**57.b** Please attach any supporting documentation.

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**58.** Has the facility or its health system **divested or frozen future investment** in fossil fuel holdings?

- ☒ Yes  
☐ No

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**58.a** Please describe:

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To learn more about divestment from fossil fuels and investment in clean technologies for health care institutional investors, see [\*\*Divestment & Investment\*\*](#).

**59.** Has the facility included a **written plan** to address **climate change mitigation** over time with timelines and goals (for example, within an internal sustainability strategic plan)

- ☒ Yes  
☐ No

**59.a** Please describe written plan to address climate mitigation:

**59.b** Please attach written plan to address climate mitigation:

Please indicate who is **accountable** for climate mitigation plan:

**59.c** Name of person accountable for climate mitigation plan:

**59.d** Title of person accountable for climate mitigation plan:

**59.e** Email of person accountable for climate mitigation plan:

**60.** Has the facility provided **education** on the connection between climate and health to its staff, patients and/or community? Please select all that apply:

- ☐ Staff  
☐ Patients  
☐ Community  
☒ None

**61.** Has the facility provided **Green Employee Benefits** to support climate change solutions for their employees at home? Please select all that apply:

- ☐ Employee Home Solar Discounts  
☐ Electric Bicycle Discounts  
☐ CSAs  
☐ Fossil Fuel Free Retirement Options  
☐ Alternative Transportation Discounts/Stipends  
☒ Other  
☐ None

Learn more about [Green Employee Benefits](#).

**61.a** Please describe other Green Employee Benefits offered:

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**62.** Has your facility incorporated climate change language or a connection to climate change in activities of the **Community Health Needs Assessment** process for community benefit?

- ☒ Yes  
☐ No

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**62.a** Please describe:

## Climate Resilience

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**63.** Has the facility developed a plan for addressing **key health care service delivery needs** during and following extreme weather events such as heat waves, severe storms, and hurricanes?

- ☐ Yes  
☐ No

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**64.** Has the facility created a priority action plan to address **key building and infrastructure vulnerabilities** related to climate change?

- ☐ Yes  
☐ No

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Learn more with the Climate Resilience toolkit from the US Department of Health & Human Services: **Primary Protection: Enhancing Health Care Resilience for a Changing Climate**

## Transportation

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Transportation is the second-leading cause of US greenhouse gas emissions (GHG). Decreasing the emissions from transportation is critical in achieving US greenhouse gas reduction goals. In addressing hospital-related transportation, organizations can improve community health by reducing air pollution, strengthen community relationships by collaborating with municipal transit networks, and support employee wellness by encouraging alternative methods of transportation. Transportation strategies in the areas of employee commuting, fleet management, supply chain and facility siting for new construction are all instrumental in reducing the environmental impact of hospital transportation practices.

Learn more in Practice Greenhealth's new **Transportation Toolkit**.

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**65.** Does the facility conduct an annual survey to collect mode of transportation and vehicle miles traveled by employees commuting to work?

- ☐ Yes  
☐ No

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**66.** Does the facility purchase **green\* vehicles** for fleet use?

Yes ▼

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**Green vehicles** are defined as low-emitting and fuel-efficient vehicles, and alternate fuel vehicles (AFV).

**Eligible vehicle types:** passenger vehicles, ambulances, shuttles, vans, buses, light duty, medium and heavy duty trucks, and helicopters. Does not include off-road vehicles such as forklifts, ATVs, power mowers, or snow-blowers.

**Low-emitting** is defined as vehicles that are classified as Zero Emission Vehicles (ZEV) by the California Air Resources Board. Under the federal standards, this includes vehicles that qualify as California ZEV-equivalent, including Tier 2 bin 1 and Tier 3 bin 0.

**Fuel-efficient** is defined as achieving a minimum green score of 40 on American Council for an Energy Efficient Economy (ACEEE) annual vehicle rating guide.

**Alternative Fuel Vehicles (AFVs)** are those defined by Section 301 of the Energy Policy Act of 1992, as amended (42 U.S.C. 13211), and otherwise includes electric vehicles, hybrid electric vehicles, plug-in hybrid electric vehicles, dedicated alternative fuel vehicles, dual fueled alternative fuel vehicles, qualified fuel cell motor vehicles, advanced lean burn technology motor vehicles, low greenhouse gas vehicles, compressed natural gas powered vehicles, self-propelled vehicles, such as bicycles, and any other alternative fuel vehicles that are defined by statute. \*Organizations using bi-fuel vehicles must run vehicles on alternative fuel more than 4 months of the year to qualify as green.

Please identify fleet vehicles that meet the green criteria of low-emitting, fuel-efficient or alternative fuel vehicle (AFV) in Table C.

**Table C. Green Fleet Vehicles**

Vehicle Type	Fuel Type	Number of Vehicles	Qualifying Criteria	Notes (optional)
67. Select an option... ▼	68. Select an option... ▼	69. <input type="text"/>	70. Select all that apply: <input type="checkbox"/> Low-emitting <input type="checkbox"/> Fuel-efficient <input type="checkbox"/> Alternative Fuel Vehicle	71. <input type="text"/>
72. Select an option... ▼	73. Select an option... ▼	74. <input type="text"/>	75. Select all that apply: <input type="checkbox"/> Low-emitting <input type="checkbox"/> Fuel-efficient <input type="checkbox"/> Alternative Fuel Vehicle	76. <input type="text"/>
77. Select an option... ▼	78. Select an option... ▼	79. <input type="text"/>	80. Select all that apply: <input type="checkbox"/> Low-emitting <input type="checkbox"/> Fuel-efficient <input type="checkbox"/> Alternative Fuel Vehicle	81. <input type="text"/>
82. Select an option... ▼	83. Select an option... ▼	84. <input type="text"/>	85. Select all that apply: <input type="checkbox"/> Low-emitting <input type="checkbox"/> Fuel-efficient <input type="checkbox"/> Alternative Fuel Vehicle	86. <input type="text"/>
87. Select an option... ▼	88. Select an option... ▼	89. <input type="text"/>	90. Select all that apply: <input type="checkbox"/> Low-emitting <input type="checkbox"/> Fuel-efficient <input type="checkbox"/> Alternative Fuel Vehicle	91. <input type="text"/>

**92.** How many **total vehicles** (conventional and green) are in the organization's fleet?

Please check the list of **included/excluded vehicle types** above before providing the number of total vehicles in the facility's fleet.

**93.** Does the facility **participate in** or has the facility **implemented** any of the following:

- ☐ Participate in regional transportation planning
- ☐ Demonstrate reduction in single vehicle car use
- ☐ Provide vouchers or subsidies for public transit, ride- and bike-sharing services
- ☐ Provide preferred parking for carpool participants and low-emission, fuel-efficient vehicles (hybrids, smart cars)
- ☐ Provide bike racks, bike paths, walkways, and shower facilities for alternative commuters



- ☐ Install electric vehicle charging stations
- ☐ Provide or outsource shuttle/vanpool, carpool or ride-sharing services
- ☐ Pay employees daily/monthly stipend for using alternative transit modes
- ☐ Offer telework, compressed work schedules to reduce employee commuting
- ☐ Adopt engine idling reduction practices and policies

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**94.** Has the facility encouraged or required its suppliers to become an **EPA SmartWay Shipper Partner** as a means to drive down Scope III GHG emissions from freight transportation?

- ☐ Yes  
☐ No

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**95.** Does the facility maintain membership in a transportation management association (TMA) or participation in a voluntary regional air quality program (e.g., Spare the Air, Air Awareness, SEQL, Clean Air Coalition) or another employer-based commuter program?

- ☐ Yes  
☐ No

## Successes

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Please describe any other successes or innovations in the climate program or projects at your facility in 2017 in the spaces provided below. Please feel free to provide commentary and/or attach a file.

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**96.** Climate Program Success 1: Please describe

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**97.** Please attach any additional documentation (optional) for Climate Program Success 1:

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**98.** Climate Program Success 2: Please describe

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**99.** Please attach any additional documentation (optional) for Climate program Success 2:

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**100.** Climate Program Success 3: Please describe

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**101.** Please attach any additional documentation (optional) for Climate Program Success 3:

