Partner Recognition (No Beds) - 2016: Energy

Introduction

The generation of energy from fossil fuels emits a range of different pollutants, in addition to being the largest contributor to greenhouse gas emissions. Air pollutants from energy sources can cause asthma, respiratory disease and other ailments in the community. Please use this section of the application to enter your energy data and report on energy conservation successes. This section of the application is tied to the Climate section, due to energy's contribution to an organization's carbon footprint.

Energy Use Demographics

1. What is the facility's **Gross Floor Area?**

PGH uses Energy Star Portfolio Manager's definition of **Gross Floor Area**. If the facility uses Portfolio Manager, you can cut and paste the value for **Gross Floor Area** into the application.

Energy Usage

Please provide details on energy usage at your facility. All energy data must be provided for a 12-month **CALENDAR YEAR**. We will only accept energy data from January 1, 2015 through December 31, 2015 only for Current Year energy use. Other parts of the application allow you to utilize fiscal year if preferable, but **energy and climate data require a calendar year**.

2. Do you have an **onsite laundry?**

○ Yes
○ No
○ Not Applicable

3. Please indicate the number of **MRI machines** at your facility:

Please indicate the facility's **energy usage for the current (calendar) year 2015 in Table A** below.
If you do not use a particular energy type, please leave it blank. Do not enter zeros.

PGH would like your facility to properly identify **energy used to power parking lots/structures** (lighting, HVAC, etc) and **remove this data** from your entries for energy use in Table A below. The first row data in Table A should not include parking kWh.

4. Are you able to separate out (and subtract) parking lot/parking structure energy use from energy use totals?

○ Yes
○ No
○ Not Applicable

Table A. Fossil Fuel-Based Energy Use

Energy Categories	Current Year Usage	Units
Gross Floor Area in sq. ft.	**5.** 0	square feet
Electricity (fossil fuel)	**6.**	**7.** Select Units Select an option... ▼
Natural Gas	**8.**	**9.** Select Units Select an option... ▼
Fuel Oil (#2)	**10.**	**11.** Select Units Select an option... ▼
Steam	**12.**	**13.** Select Units Select an option... ▼
Chilled Water	**14.**	**15.** Select Units Select an option... ▼
Diesel (#6)	**16.**	gallons
17. Enter Fuel Type	**18.**	**19.** Enter Units
20. Enter Fuel Type	**21.**	**22.** Enter Units

23. Did you ensure energy data was entered for calendar year (Jan 1, 2015-Dec 31, 2015) only?

○ Yes
◉ No

23.a   Please describe any barriers to providing data in calendar year format:

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

◉ Yes
○ No
○ Not Applicable

Please enter the facility's **renewable energy** use into Table B (including onsite generation or **renewable energy** purchases/RECs). If you do not purchase/have **renewable energy** sources, please leave blank. Do not enter zeros.

Table B. Renewable Energy Use (generated onsite or purchased)

Renewable Energy	Current Year Usage	Units (current)
24.a Type 1: Generated **On-site** Select an option... ▾		Select an option... ▾
24.d Type 2: Generated **Off-site** Select an option... ▾		Select an option... ▾
24.g Type 3: Generated **Off-site** Select an option... ▾		Select an option... ▾
24.j Purchased **Renewable Energy**/Renewable EnergyCredits Select an option... ▾		Select an option... ▾

This table **auto-calculates the facility's Energy Use Portfolio** (percent energy usage by energy type) and is based on values entered in Table A (and Table B if applicable).

Table C. Energy Use Portfolio

Category	kBtus	Percent of Total Usage
Conventional Electricity (Fossil Fuel or Nuclear)	**25.** 0	**26.** 0
Natural Gas	**27.** 0	**28.** 0
Fuel Oil	**29.** 0	**30.** 0
Steam	**31.** 0	**32.** 0

Chilled Water	**33.** 0	**34.** 0
Purchased Hot Water	**35.** 0	**36.** 0
Diesel	**37.** 0	**38.** 0
Onsite Renewable Energy	**39.** 0	**40.** 0
Offsite Renewable Energy	**41.** 0	**42.** 0
Total	**43.** 0	**44.** 0

45. Based on this data, the below % of your facility's energy portfolio is from renewable sources.

0

Energy Performance Metrics : Energy Use Intensity (EUI)

Table D auto-calculates and summarizes your **energy performance metrics** based on values entered in **Table A** above. If your EUI (kBtus/sq ft) is **less than 75 or greater than 480**, please review your energy data and **gross floor area** for errors. The median data from 2015 award winners was **237 kBtus/sq ft.**

Table D. Energy Use Intensity (EUI)

Total kBtus Used	Energy Use Intensity (EUI)
46. 0	**47.** 0

48. Does the facility have an energy manager?

⦿ Yes
○ No
○ Not Applicable

49. Does the facility use **Energy Star Portfolio Manager**?

⦿ Yes
○ No
○ Not Applicable

49.a Has your facility benchmarked your hospital using **EnergyStar's Portfolio Manager**?

◉ Yes
○ No
○ Not Applicable

49.a.a Please indicate the most recent Energy Star score for calendar year 2015:

49.a.b Please indicate the facility's **Site EUI** for 2015 according to Portfolio Manager:

49.a.c Please indicate the facility's **Weather-Normalized Site EUI** for 2015 according to Portfolio Manager:

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50. Has the facility **shared access to its energy data through Portfolio Manager** with Practice Greenhealth (through the Healthier Hospitals program)?

○ Yes
◉ No
○ Not Applicable

50.a Are you willing to **share read-only access to your Portfolio Manager account** with Practice Greenhealth so your member engagement liaison can provide customized support on energy performance and metrics?

○ Yes
○ No
○ Not Applicable

If you respond Yes to this question, Christopher Bodkin from the Practice Greenhealth Sector Performance team will contact you to follow-up on how to **share read-only access to Portfolio Manager**.

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51. Does the facility have a **written plan to reduce energy use** over time with timelines and goals?

◉ Yes
○ No
○ Not Applicable

51.a Please describe:

51.b Please attach:

52. Has the facility conducted a **baseline energy audit** for the institution in the past five years?

⦿ Yes
○ No
○ Not Applicable

53. Has the facility conducted retrocommissioning to optimize building energy performance?

⦿ Yes
○ No
○ Not Applicable

54. Has the facility **collaborated** with the **Information Technology (IT) Department** to integrate energy efficiency measures?

⦿ Yes
○ No
○ Not Applicable

> **54.a** Please describe this work:

55. Does the facility have an **onsite data center** that requires a constant power load of **75 kW** or more?

⦿ Yes
○ No
○ Not Applicable

56. Does the facility **purchase energy-efficient equipment** that is **EnergyStar labeled?**

⦿ Yes
○ No
○ Not Applicable

> **56.a** Please describe:

Energy Efficiency Project Data

Please list the **energy projects** conducted in 2015 with the largest impact in Table E.

Table E. Energy Efficiency Project Data

Project Description	Project Category	Energy Saved/Year	Units	kBtus Saved	Annual Savings in USD $ (real or calculated)

57.	**58.** Select an option... ▾	**59.**	**60.** Select an option... ▾	**61.** 0	**62.**
63.	**64.** Select an option... ▾	**65.**	**66.** Select an option... ▾	**67.** 0	**68.**
69.	**70.** Select an option... ▾	**71.**	**72.** Select an option... ▾	**73.** 0	**74.**
75.	**76.** Select an option... ▾	**77.**	**78.** Select an option... ▾	**79.** 0	**80.**
81.	**82.** Select an option... ▾	**83.**	**84.** Select an option... ▾	**85.** 0	**86.**
Totals				**87.** 0	**88.** 0

Energy Successes

Please describe any other successes or innovations in the energy program or projects at your facility that you would like to share in the space provided below. Please feel free to provide commentary and/or attach a file.

89. Success 1: Please describe

90. Please attach any additional documentation (optional):

91. Success 2: Please describe

92. Please attach any additional documentation (optional):