

ENVIRONMENTAL STEWARDSHIP ON THE CAMPUS OF MSU **BESPARTANGREEN**

FAQs about the Environmental Stewardship Building Reports

How do I read this report?

You can use this building report to understand how a particular building is doing at 1) reducing energy usage and 2) reducing land filled waste. Use this report to understand the opportunities for improvement or share proven successful strategies for decrease waste and energy usage.

Although the energy and waste reduction require different actions to conserve, the general layout of the building reports are the same for convenience. In all, the reports have five main components: 1) Building Year-to-date status, 2) Campus Trend, 3) Building Trend, 4) Building Electrical Use by Month/ Building Recycling and Waste by Month, and 5) About this report section of information.

Building Year-to-Date Status:

The symbol in the upper left-hand corner gives you a quick glimpse as to whether the building is doing better or worse compared to last year.

Campus Trend:

The graph charts waste and energy for the campus and for each building includes a comparison to MSU's environmental stewardship goals, which are:

- 15% reduction in energy usage by 2015
- 15% reduction in greenhouse gases by 2015
- 30% reduction in landfill waste by 2015

using fiscal year 2005 as the baseline.

Building Trend:

This graph charts building-level energy usage/land filled waste, comparing the actual numbers and trend to the campus goals.

Building Electrical Use by Month:

The data on the bottom of the energy report shows the difference in energy usage compared to the previous year. This gives you a visual representation of the improvements.

Building Recycling by Month:

The data on the bottom of the waste reduction report explains, by material, about the progress of recycling or creating less waste. Use this data to further understand what materials are contributing to an increase or decrease in waste and recycling.

About this report:

This section explains that report uses fiscal years (July 1 to June 30). Each month, a different tip will appear to help you reduce energy use or land filled waste. As the report reads, comments or insights about the changes in a building's data can be sent to begreen@msu.edu.

What should I do with this?

Did the recycling for a particular material decrease? Did energy increase? Based on what the data, you can get a better view of what programming or actions need to be taken to improve. If you work or live in a particular building, you have a greater responsibility to understand and invest time in improving your results.

The steps to working with the Building Reports:

- 1) Understand the data. What's happening that can be improved? What success stories can you share?
- 2) Share the report! Email it to your coworker or roommates. If you want, post it in on a bulletin board, above the water cooler, or another place where it will receive a lot of exposure.
- 3) Work with the Environmental Stewards for the building. The Environmental Stewards listed in the building report represent almost every department in every building. At an Environmental Steward team meeting, try to understand why things are going well or not going well. Think of ideas to improve your numbers, including:
 - a. An energy audit of your office
 - b. Recycling education at the next group meeting
 - c. Using rewards to those that:
 - i. Turn off their computers at night
 - ii. Create the least waste
 - iii. Make the least copies
- 4) Act! Follow through with the plan.

This only shows building data, how can I get data for my department?

Energy metering is conducted at the building level; recycling and waste is collected at the building level, thus, departmental data is not available. Although one particular unit may not be the single source of the building increase or the decrease, it is important for everyone to be part of the solution.

Where can I find previous years data of my building?

You can look at previous year's data by going to the MSU Geographic Information Services website, www.gis.msu.edu/begreen. Select either the "Energy" or "Recycling" tabs, select a year, and click "Run." From there, you can click on any building on campus to view more data. The "Map Tutorial" can be found in the lower left hand corner of the screen. Stay tuned for orientation sessions for those interested in learning the program in-depth.

How do I create PDF report of energy or recycling for my building?

Go to www.gis.msu.edu/begreen and select or search for a building. In the pop-up box, select "Generate Report."

I don't know how to use the GIS system, where can I get help?

Try the map tutorial: <http://web.gis.msu.edu:8080/api/documents/MappingTutorial.pdf>

Additional questions can be directed towards begreen@msu.edu. Stay tuned for orientation sessions for those interested in learning the program in-depth.

Where can I look for data of how MSU is doing as a whole campus?

Every building report has this data. Select any building www.gis.msu.edu/begreen.

I want more information about my building and/or other building, where can I go for more data?

To find out more information, or information about a different building or year, go to the MSU Geographic Information www.gis.msu.edu/begreen. Select either the “Energy” or “Recycling” tabs, select a year, and click “Run.” From there, you can click on any building on campus to view more data. The “Map Tutorial” can be found in the lower left hand corner of the screen. Stay tuned for orientation sessions for those interested in learning the program in-depth.

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