Maryland Green Registry MEMBER

The Maryland Green Registry promotes and recognizes sustainable practices at organizations of all types and sizes. Members agree to share at least five environmental practices and one measurable result while striving to continually improve their environmental performance.

United States Gypsum Company

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Manufacturing
Member since July 2014

Management and Leadership

☑ **Environmental Policy Statement**

http://www.usg.com/content/usgcom/en/about-usg/sustainability-atusg.html

We are focused on reducing the size of our environmental footprint throughout the product lifecycle from raw materials, product design, manufacturing processes, shipping and distribution, product use and recycling and reuse. We believe an end-to-end focus that includes the entire product development cycle is essential to reach our goals. Therefore, we have identified three corporate priorities where we believe we can make the most impact on sustainability:

1. *Develop responsible solutions*
2. *Enhance energy management*
3. *Improve resource utilization*

In each of our corporate sustainability reports, we use these categories as the guiding light by which we hold ourselves to the highest levels of accountability.

☑ **Environmental Team**

Our plant worked with Regional Manufacturing Institute (RMI) to develop a "Green Team" of diverse employees, ranging from hourly line operators to engineers and supervisors, in our wallboard manufacturing department. This green team meets monthly to discuss potential energy savings throughout our

Board Department. The team uses an "eyes on the floor" approach in order to focus and bring attention to potential energy saving projects which range from small air leaks, all the way to capitally funded projects.

☑ **Annual Environmental Goals**

USG is working to reduce energy usage in the wallboard manufacturing department by 1% by 2015.

☑ **Environmentally Preferable Products and Services**

At USG, we were committed to being a sustainable company long before "sustainability" and "green" became popular terms. It's the way we have always done business. Before environmental stewardship became a mainstream issue, we were concerned about how to reduce or reuse waste, use resources more efficiently and transform manufacturing byproducts into valuable resources. Our history of sustainability has led us to develop some of our industry's most forward-thinking, environmentally friendly building products, like SHEETROCK® Brand Gypsum Panels, which contain recycled materials, use minimal packaging and perform throughout a building's lifespan with minimal routine maintenance required. - See more at: http://www.usg.com/content/usgcom/en/about-usg/sustainability-atusg.html#sthash.UKGCcVpZ.dpuf

☑ **Environmentally Preferable Purchasing**

As our plant moves forward and purchases new equipment and motors, it is company policy to purchase "Premium Efficiency" equipment. As a company, we also look to upgrade or replace equipment that may be past its useful life in order to try to maximize energy efficiency.

Waste

☑ **Recycling**

Our plant recycles paper, scrap metal, batteries, light bulbs, as well as bottles and cans. Recently, we created an agreement with a 3rd party company who is able to remove our waste gypsum board and use it in their agricultural process. This will reduce the footprint of our plant by cutting back the materials that need to be sent to the landfill.

Energy

☑ **Energy Efficiency**

One large measure to improve energy efficiency at our plant is our down day energy monitoring. This involves optimizing equipment shutdown procedures and monitoring energy usage when our departments are not running, which allows us to compare usage and determine if all equipment shut down procedures were followed. This down day energy monitoring has decreased our energy usage by about 1,882KW/down day, which results in a savings of approximately 196,000KW per year.

Our plant is also looking into electricity peak demand usage and trying to determine if there is potential for energy use reduction.