



Greenlight New Day. New Way.

Alan Greenberg
Director of Environmental Affairs
& Electric Reliability




Meet DRP

Employee Highlight: Alan Greenberg

Meet Alan Greenberg. Alan has been the Director of Environmental Affairs and Electric Reliability at Detroit Renewable Power (DRP) for less than a year, but his history with the DRP facility exceeds two decades. As Director of Wayne County Air Pollution Control Division in the mid-80s, and appointed to serve on the Michigan Air Pollution Control Commission by Governor Blanchard, Alan was involved in the initial air permitting for the facility. Now, Alan oversees all of the environmental aspects of the plant, ranging from compliance to protocols for future controls. "From the beginning of this facility's life, it has had a very high quality air pollution control system," Alan stated. "We know our biggest issue is odor, however, this facility functions at an extremely high level of environmental compliance."

DRP knows it continues to face environmental challenges. As Alan says, "Every now and then the plant runs into an issue, but we fix it

and do everything in our power so the same issue does not happen again." DRP has made significant progress improving air quality control equipment, systems, and procedures expected to be completed early this year. "As the new owners, we are finding that maintenance to the processing equipment was not as faithful as we would have hoped over the last few years," Alan added. "Prompt processing reduces odors. We have been, and will continue to be, honest and forthright when issues arise."

Staff rehired after Detroit Renewable Energy's purchase of the facility in 2010 are happy with a new spirit of teamwork.

With more than 40 years in the environmental field, Alan's expertise is the perfect fit for meeting and maintaining the plant's environmental standards. With that said, Alan attributes the success at the facility to its staff and leadership team. Staff rehired after Detroit Renewable

Energy's purchase of the facility in 2010 are happy with a new spirit of teamwork. The company's open door policy is the backbone of this success. "We talk to the people who work directly with the equipment," continues Alan. "DRP's president, Paul Maier, feels our employees have a great deal of insight to offer, and he listens carefully to them. As a result, morale is high at DRP, and our employees are proud to work at such a quality facility."

Alan is confident that through vigilant maintenance, equipment repairs, and implementing better procedures to limit odors, environmental performance will continue to improve. "We want to be a perfect facility in all aspects – that's our goal," Alan states. •

Did you know?

In 2002, the U.S. Environmental Protection Agency recognized the

"vital role of the nation's municipal waste-to-energy industry," concluding, "these plants produce 2,800 megawatts of electricity with less environmental impact than almost any other source of electricity."

Detroit Renewable Power has long been one of the largest and most successful facilities in this important environmental trend.

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A Note from Paul Maier



Detroit Renewable Power has made great strides in equipment and operational improvements that are integral first steps to my goal of making our facility top in the nation. Together we have pulled the plant ahead of maintenance

guidelines and safety standards and are ready to make major strides with public initiatives. In this Greenlight, you will read about our first Strategic Partner, the Golightly Education Center. We will provide support to their important mission, one that aligns well with our Corporate Giving Policy of being a responsible neighbor and remaining actively committed to Detroit's future.

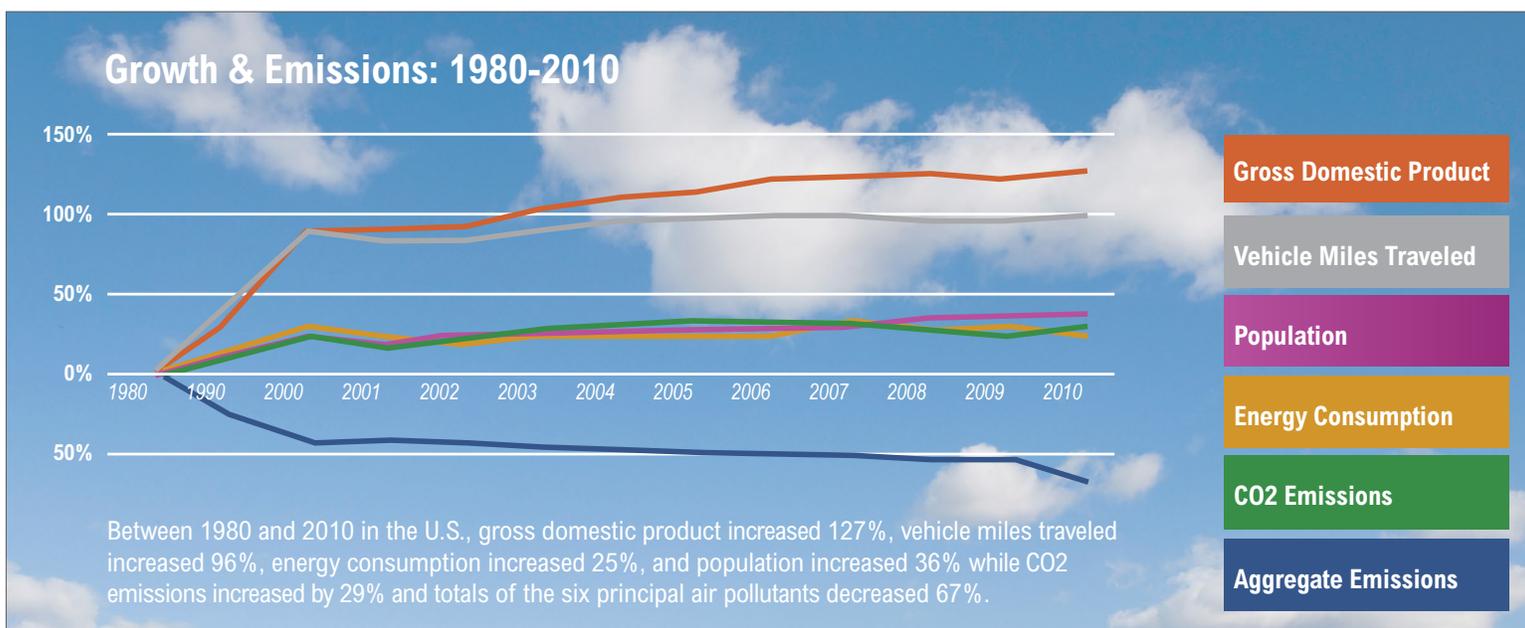
In addition, we are very proud to announce the formation of the Detroit Renewable

Power Community Engagement Council, a neighborhood board with a mission to improve business accountability and citizenship within Midtown. Please read more about this initiative on the back cover of this Greenlight and learn how to become involved. •

Best Regards,



High Points Milestones.



Data source: United States Environmental Protection Agency

Detroit Renewable Power, like every facility in the energy-from-waste industry,

is governed by the federal **Clean Air Act** administered by the EPA. These laws require such plants to secure air control permits based on the size and technology of the facility. DRP vigorously monitors emission limits to comply with a variety of requirements including the "Maximum Achievable Control Technology" (MACT) standards. As a result of the implementation of MACT rules, U.S. emissions from coal and other fossil fuel-fired power plants will be most greatly impacted and reduced.

DRP tests its ash residue to determine that this energy by-product is a safe material prior to proper disposal.

While the State of Michigan enforces applicable EPA regulations, it requires even stricter environmental limits than those defined by federal rules.

DRP's environmental control system is regularly tested, monitored, and calibrated to achieve the best possible performance.

The federal Clean Air Act and Michigan's requirements also guide DRP's operating conditions, including performance, monitoring, and reporting requirements. Detroit Renewable Energy Chairman, Steve White, proudly notes, "Our air quality controls continue to become more advanced and our procedures more rigorous, even as regulatory agencies add increasingly stricter requirements." •



FAQ The Tip Floor.

Addressing the issues that matter most to our community is a priority at DRP and we strive to provide in-depth, well-educated responses to the inquiries we receive. In this section, we highlight some of the most frequently asked questions posted to our website. To submit a question to Detroit Renewable Power, please visit our website at www.detroitrenewablepower.com.

Q What is DRP doing about odor?

A Detroit Renewable Power continually assesses equipment and infrastructure - department by department - overhauling, repairing, and steadily returning the plant to proper working order. Once these upgrades and repairs are complete, routine maintenance will prolong the life cycle and efficiency of the facility, allowing DRP to avoid repairs and breakdowns that can

result in odor releases. DRP has also assembled a team of experts to proactively approach the potential for odor and other emissions.

By 2013, DRP will have invested \$1.2 million on modern technology to optimize combustion control capabilities.

Q How do I know when DRP is hiring?

A Detroit Renewable Power has hired more than 161 employees over the last 18 months, building a skilled team to advance the progress and improvements of this facility. As positions become available, the vacancy and job description is posted on our website (www.detroitrenewablepower.com). •



Energy from Waste

In-Depth

Another initiative of Detroit Renewable Power's President, Paul Maier, is the formation of the DRP Community Engagement Council. The Council will be guided by community residents and leaders from Midtown Detroit and will meet at the plant on a monthly basis to openly review plant performance and discuss concerns, improvements, and industry issues.

"The perception of our company can only improve through the open and honest exchange of information with our neighbors," Paul said.

While DRP consistently meets all air permit standards, it continues to experience some equipment inconsistencies and occasional challenges such as odor. By regularly engaging

and informing the community, DRP intends to demonstrate clear, straightforward goals and consistent progress. The Council's goals are outlined in the Charter below.

Charter

DRP has established the Community Engagement Council to encourage and maintain the open exchange of information, concerns,

and challenges between DRP and our neighboring Midtown Detroit residents and businesses through a regular forum committed to finding safe, practical, and efficient solutions.

For more information on the DRP Community Engagement Council, please visit our website.

www.detroitrenewablepower.com

Up-Close

The World Business Council for Sustainable Development (WBCSD) is an organization of forward-thinking companies that galvanizes the global business community to create a sustainable future for business, society, and the environment. WBCSD has a coalition of 170 international companies united by a shared commitment to sustainable development via the three pillars of economic growth, ecological balance, and social progress. The WBCSD's model of inclusion and responsive business practices is the model for the DRP Community Development Council, as mentioned above. •

Safety Spotlight

Detroit Renewable Power is committed to safe operations and risk reduction practices for its employees, vendors, visitors, and neighbors. Over 2011, DRP implemented a number of continuous improvement safety systems as building blocks for the Common Industrial Protocol, an integrated system for long-term safety solutions and operation controls. One example of our progress to date:

- DRP had **zero OSHA recordable accidents for 217 days in 2011** and is poised to **finish the 1st quarter of 2012 injury free**, as of March 15th.

Terms Defined

highlighted in this issue of the *Greenlight*:

Brownfield Redevelopment Michigan Business Tax Credit

n. Brownfield Credit – In Michigan, a state funded tax credit awarded to help offset the costs for redevelopment projects of blighted, abandoned, or functionally obsolete property, which may or may not have environmental contamination.

Clean Air Act (CAA)

n. Laws that define how the EPA is to regulate and enforce U.S. air quality.



Community Connections Midtown Partners.

On December 13, 2011 the Michigan Economic Growth Authority awarded Detroit Renewable Power a **Brownfield Redevelopment Michigan Business Tax Credit of \$4.1 million**. This authorization will help accelerate DRP's project improvements and redevelopment at the plant. Since November 2010, DRP has re-hired the 111 people displaced earlier that year, added 50 new positions, increased the City of Detroit's tax revenues, and revitalized an abandoned obsolete facility in Midtown while handling 737,143 tons of municipal solid waste in 2011 alone.

This tax credit is an acknowledgement of the commitment Detroit Renewable Power has made to repair and efficiently operate the plant and allows for improvements above and beyond the \$50 million already invested by DRP's owner. •

Detroit Renewable Power, along with its parent company Detroit Renewable Energy, is proud to announce an important new Strategic Partnership with the Golightly Education Center on St. Antoine Street. Under the leadership of Principal Dr. Sherrell Hobbs, the Golightly Education Center is a signature success story in the Detroit Public School (DPS) and a model of innovation in education theory and practice. DRE is working with Golightly to supplement its science and technology units with hands-on exposure to energy, environmental, and engineering systems, as they apply to local community issues. The partnership between DRP and Golightly heralds a progressive learning opportunity for DPS students. •



Honors Students of the Golightly Education Center

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