



Warren Harper
Maintenance

Greenlight New Day. New Way.



Meet DRP

Employee Highlight: Warren Harper

On November 23, 1992, Warren Harper made one of the biggest investments of his life by walking through the doors of the now Detroit Renewable Power's Mechanical Maintenance Department to inquire about a position. Warren was working for a local car dealership before he faced the opportunity to be challenged in a completely new direction – one with a bold future. "It has been a blessing for me and my family...and is still," Warren said. Almost 19 years have passed and, clear from his longevity, Warren is still pleased with his decision. In his opinion, Detroit Renewable Power (DRP) came to the neighborhood with new ideas and is open to change, noting, "The biggest difference is that DRP came in caring about the employee."



This had a big impact on employees, as the Company made investments ranging from break area and lunchroom upgrades to large-scale safety improvements. "We bring solid waste in from all over Detroit, but we now have a safe, clean place to work," Warren added.

DRP employee attendance, the highest in 25 years, has been another indicator of how these investments have impacted morale inside the plant. Warren believes that this facility has been one of the best-kept secrets in Detroit and a silent but significant benefit to the City. Taking trash, recycling, recovering metals, burning residual organic substances to generate steam power – it's all a dynamic concept that Warren hopes people will realize for themselves. He feels that seeing the (850,000) tons each year of trash that DRP prevents from going straight into a landfill would change a lot of minds. Warren is very proud, "We are waste-to-energy – we are making this a green planet. This is the future."

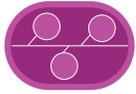
A Note from Paul Maier

At Detroit Renewable Power we're committed to the City of Detroit and are continually striving to positively impact the community. Every day, we convert up to 3,300 tons of solid waste into clean, renewable energy for 145 local businesses and critical infrastructure facilities in downtown Detroit. But we don't stop there. The improvements we've made to the facility over the past 11 months are helping improve long-standing odor concerns, operating efficiencies, and safety performance. These are just the beginning of ongoing, long-term investments to benefit our employees, the City, the environment, and residents throughout the region – economically, environmentally, and socially. We're proud to be part of a new day – and a new way – in the great City of Detroit.

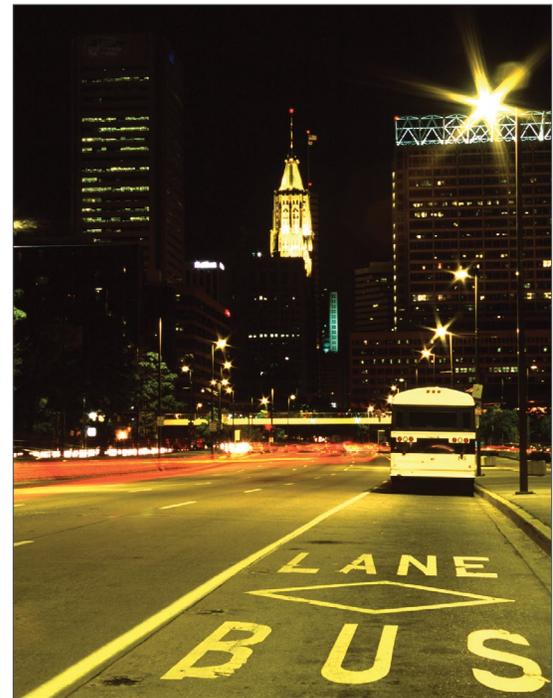
Best Regards,

Inside this Issue

Meet DRP.....	p. 1	
A Note from Paul Maier.....	p. 1	
High Points.....	p. 2	
Family Tree News.....	p. 3	
FAQ.....	p. 3	
Energy from Waste.....	p. 4	



High Points Milestones.



Detroit Renewable Energy has invested more than \$50 million in Detroit Renewable Power, Detroit Thermal, and Hamtramck Energy Services over the last 12 months – a clear, long-term commitment to Detroit’s reliable, renewable energy future. The best-in-class standards are being implemented at Detroit Renewable Power (DRP) and on going improvements to the facility are further proof.

Paul Maier, Operating President of DRP, is the first to tell touring business leaders that the facility has many areas of improvement on the ‘to-do list.’

“We’ve made significant and immediate improvements in this plant, however our goals are not just to improve areas of performance, but to exceed these standards,” Paul said. For example, DRP has added new continuous

monitoring systems that are designed to favorably surpass Michigan and federal environmental standards and monitoring.

Paul Maier is clear about priorities, stating, “Safety is paramount to operations. Our employees are far and away our most important investment.” A plant-wide program to enhance employee quality of life and emphasize work safety as a primary standard leads the list of ongoing improvements.

DRP has also invested money into updating the employee work environment by renovating break, lunch, and locker rooms. “We’ve only just begun,” Paul notes, “DRP is committed to being the best possible employer and corporate neighbor we can be.”

Baltimore, a city that faced significant economic decline in the 1960s and ‘70s, continues to undergo a citywide transformation. The City has one of the nation’s largest **energy-from-waste (EFW)** plants on its thriving waterfront, providing power to the downtown steam loop as well as a new NFL football stadium and other major energy customers. Baltimore’s EFW facility powers more than 68,000 Maryland homes from 2,250 tons of **municipal solid waste** a day. The plant has played a pivotal role attracting new businesses and re-building surrounding communities.

Approximately, 102 EFW facilities throughout the United States process more than 30 million tons of Municipal Solid Waste (MSW) per year. **Biomass** accounts for 1.4 percent of the total electricity industry from a renewable source. Detroit is one of over 1,000 cities using MSW to heat downtown areas around the globe, including Paris, Frankfurt, Baltimore, and Indianapolis. Germany, Netherlands, Sweden, Switzerland, Denmark, France, and Japan are among the progressive nations safely and effectively using EFW technology.





Family Tree News A Sister Company of DRE.

Hamtramck Energy Services (HES) is proud to announce that General Motors (GM) powerhouse and wastewater treatment facilities in Flint and Saginaw, Michigan will be added to HES operations on September 6, 2011. HES has been one of GM's preferred vendors for more than two years, delivering expert, cost-effective operations, maintenance, and environmental compliance for select GM facilities.

GM's selection of HES as an industry expert in efficient and high quality management of powerhouse and wastewater operations is a growing trend for major manufacturing companies. "Our assembly plants depend on reliable energy supply and state-of-the-art wastewater treatment services. Hamtramck Energy Services helps us remain both sustainable and competitive in these areas," said Rob Threlkeld, Manager of Supply Contracts at General Motors.



Greenlight Facts.

DRP Energy from Waste **Greenhouse Gas** Reduction: **801,900*** tons



* Fact sited from Waste-to-Energy Research & Technology Council from January 2011 to September 2011



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 Does Detroit Renewable Power recycle?

A Yes, DRP recycles more MSW than any other operation in Detroit. We continue to focus on aggressive front-end technology – processing up to 3,300 tons per day of municipal solid waste through a series of magnetic separators and trammels, conveyors, and shredders that prepare the trash for combustion at temperatures exceeding 1,800 degrees Fahrenheit. Here in Detroit, we've recovered an average of 37,000 tons per year of recyclable metals over

the past three years – enough to cover three football fields. In addition, we're working closely with the City of Detroit to enhance overall recycling efforts. Fortunately, EWF facilities throughout the world have been shown to actually complement efficient community recycling programs – we expect the same for Detroit Renewable Power.

Q Is energy-from-waste renewable energy?

A Yes, with municipal waste as a recurring and

inexhaustible source of energy, EFW facilities such as DRP are officially considered renewable energy sources.

Our clean, waste-derived energy provides enough electric power to support 60,000 Michigan homes plus 145 private and commercial Detroit steam users every year.

Displacing the non-renewable, fossil fuel-based power that would otherwise heat and cool these homes and businesses is truly a safe, healthy, and eco-friendly alternative for Detroit.



Energy from Waste

In-Depth

Recycling is on the rise in the United States, yet we continue to landfill more than 54% of our nation's trash in more than 1,908 sites – 21% of which are in the Midwest.

In 2007, France announced a plan to build 150 new solid waste conversion facilities and phase out the use of landfills. In that same

year, there were more than 600 energy-from-waste plants already functioning in 35 countries around the world. As new innovations continue

Up-Close

According to the Energy Recovery Council, 86 Energy-from-Waste facilities in 24 states across the U.S. dispose of approximately 28.4 million tons of trash every year. These same plants produce 17 million kilowatt-hours of renewable power—enough to power approximately 2 million homes.*

* U.S. EPA reports that 82 million tons are diverted from landfills by recycling and composting in a given year.

to evolve, the European Organisation of Economic Co-operation and Development countries, like the U.S., continue to meet more stringent emission standards and foster new plant standards that reduce up to 90% of the original waste. While the U.S. currently processes only 12% of its MSW in EFW facilities, countries such as Denmark process more than 50%. In the U.S., Florida, New York, and Pennsylvania are the leaders in the percentage of MSW processed at energy-from-waste facilities.



Terms Defined

energy-from-waste (EFW)

v. high temperature/thermal treatment of organic substances in which energy is recovered to generate steam for producing electric power or heating/cooling purposes.

municipal solid waste (MSW)

n. predominantly domestic or household waste collected by local towns and cities.

greenhouse gas (GHG)

n. atmospheric gas that absorbs and emits radiation; typically includes water vapor, carbon dioxide, methane, nitrous oxide and ozone.

biomass

n. biological material; organic materials used as a renewable energy source, often plants however excludes fossil fuels such as coal and petroleum due to transformation from the original form.

Printed on post consumer recycled paper.

New Day. New Way.

Your latest issue of **Greenlight.**



detroit renewable power
A Detroit Renewable Energy LLC Company
5700 Russell Street, Detroit MI 48211
www.detroitrenewable.com

PRESORT STANDARD
U.S. POSTAGE
PAID
PERMIT NO. 2655
DETROIT, MI