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[City Water, Light & Power](#)

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## News from Director Renfrow

Since 1868, when municipal water service began in Springfield, part of the mission has been to provide the best and most reliable source of water to the citizens of Springfield. To ensure that reliability, CWLP is well underway in carrying out \$70 million in water system improvements that include significant upgrades to the utility's water pumping and treatment facilities, as well as a meter replacement program for our largest commercial customers.

One major project, underway now, includes construction for a new chemical storage and feed building at the Water Purification Plant. With financing from a \$4.6 million zero-interest loan from the Illinois Environmental Protection Agency (IEPA) and the federal government's American Recovery and Reinvestment Act (ARRA) stimulus program, the loan is expected to cover 100% of the project's design, engineering and construction costs. In addition to paying no interest on the 20-year loan, CWLP will not have to repay \$1.15 million of the principal, reducing the utility's total ultimate investment in the project to roughly \$3.5 million.

The new chemical feed building and storage system will not only provide more space for chemicals used in the water treatment process, but it will also address safety issues with the handling of large quantities of these elements. In addition, the water plant's 1950s-era electric system will be upgraded to meet today's standards. Construction on this project is expected to be completed by the end of this year.

Also financed with IEPA and ARRA funding is the replacement of 215 aging water meters with automated meter reading (AMR) systems. A zero-interest loan and partial principal forgiveness are covering the \$666,000 cost for this project. The AMRs are going to allow for remote reading on some of our largest commercial customers, which will improve the accuracy of the readings and improve safety for many of our meter readers who must gain access to difficult locations.

You can read more about Water Division projects [here](#).

Sincerely



Todd Renfrow  
General Manager



## New Sustainability & Green Groups

### [Feedback](#)

The **Cool Cities Advisory Group** was recently created and will study and develop a local climate action plan. The Group is a key element in the City's long term quest to create a more sustainable environment for both the benefit of citizens today and their children in years to come.

The plan will include a wide range of initiatives aimed toward improving energy conservation and thereby lowering both overall energy costs and carbon emissions. The plan will most likely focus on such things as expanding Green transportation; improving residential, business and municipal government energy efficiency; and developing renewable energy solutions. These solutions will be used to form the foundation of our community's comprehensive energy-saving plan.



The **Springfield Green Business Network** is a recently developed cooperative effort of local business leaders, concerned individuals, and municipal energy efficiency and recycling program managers to make local businesses and government more environmentally sustainable. The Network, the brainchild of Bunn-O-Matic's VP of Sustainability, Bob Kobylarz, is organizing and growing with the intent of finding opportunities for local businesses and government to share resources, in-kind services and facilities to:

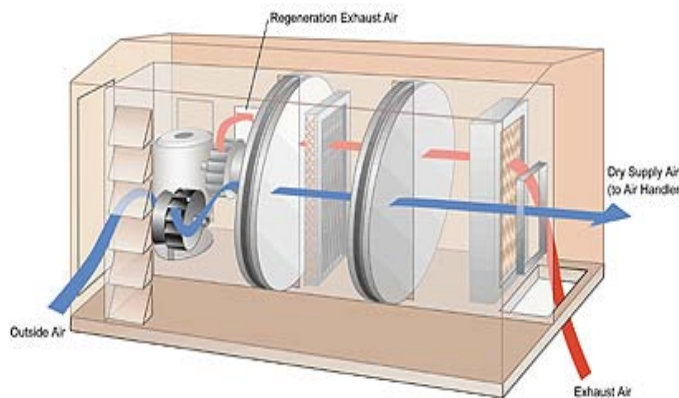
- Promote energy efficiency.
- Create water conservation.
- Reduce the overall volume of waste headed for the landfill.

An added benefit of the Network's efforts is it makes businesses more marketable to their customers based on their exceptional sustainability performance. Bunn-O-Matic has had great success translating its self-supporting, internal environmental successes into external corporate sales successes to national firms that include sustainability in their purchase decision. The bottom line is that Springfield firms will both operate more sustainably and Springfield will benefit economically if we are recognized as a sustainable community that is a great place to live and do business.

For more information on either of these efforts contact the Energy Services Office.



## Incorporating an ERV with your HVAC leads to Savings



Energy Recover Ventilators (ERVs) transfer energy between a building's stale exhaust air and fresh outside ventilation air and come in many different designs. But, what they all have in common is that they can save you money. They are commonly cited in retro-commissioning reports as a cost effective energy efficiency measure for existing buildings. And, if your HVAC system is having trouble meeting the heating or cooling needs in extreme weather, integrating an ERV with your existing HVAC system will reduce these loads and allow your system to work more effectively.

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Read the following articles to learn more about ERVs and how they can be added to your existing HVAC system.

[The What, Why, and How Of Energy Recovery Ventilation](#)

[Use of Energy Recovery Ventilators Continues to Grow](#)

[Coupling an ERV with a Rooftop Unit](#)

[ERV Case Study – Houston, TX](#)

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## Brewery Makes Sustainability Profitable

Jenn Orgolini, Sustainability Director of the new Belgium Brewing Company, has found that incorporating renewable energy projects into their operations is good business. The seventh largest brewer and maker of Fat Tire beer, has installed a 200 kilowatt solar array and found a way to turn production waste into energy with a generator that provides about 15% of its energy needs.

Your business may not be as unique as New Belgium but there may be ways that renewable energy options can improve your profitability as well. Click [here](#) to read more.



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