

## The Energy Efficiency Assessment Program ....

Will evaluate your energy needs, consumption and costs. And recommend measures to reduce energy consumption and identify sources of funding for improvements

15-30% SAVINGS ARE READILY ACHIEVABLE



HOW??

- 1) MAKE THE COMMITMENT!
- 2) ASSESS THE FACILITIES
- 3) ESTABLISH A PLAN

STATISTICS SHOW:



Cost of energy is expected to increase 20% in the next 15 years.

Energy use is the largest controllable cost of providing water and wastewater service to the public.

How Do I Get A **Free** Energy Assessment?

Contact **Brandon Windell**

- What is requested of the system?
  - Provide Tour of Facilities for Circuit Rider
  - Copies of Energy Bills at least one year
  - Review and Share Energy Assessment with Operators
  - Review Financing Alternatives if Feasible
  - Implement an Energy Efficiency Plan

# Illinois Rural Water Association

Energy Efficiency Assessment Program



Illinois Rural Water Association  
P.O. Box 49  
Taylorville, IL 62568  
Phone - 217-287-2115  
Fax - 217-824-8638



## Consider ...

The high cost of operating utilities has gotten to the point it has become to where the utility has to look at all options available. Keeping the operational costs to a minimum ensures that your rates are the lowest possible and still ensure safe drinking water and wastewater utilities.

## What do we assess?

The Energy Conservation Circuit Rider will assess your electric bills, system assets and operational procedures. They will break it down into a usable format with options to explore which will lower costs and a projection of the time to payback.

**Rising energy costs represent a major challenge for water and wastewater facilities also facing challenges of:**

- 1) Aging Infrastructure which needs replaced**
- 2) More stringent regulations**
- 3) Population growth**
- 4) Higher operational costs and budget restrictions**

## Why ...

Most Operators spend their time in operational issues to ensure safe drinking water and maintaining compliance. They often do not have the time to dedicate to energy savings or expertise in doing assessments. We can take the time and figure it out for you.

## Key Offerings

Find where your system can save money on energy. Not only can your system be more efficient, it can outline which changes can generate repayment the quickest.

## A Few Findings of Assessments

- **System-Hot Water Heater- 80 Gallon Electric Heater-24/7 in a Filter Room only for Eye Wash Station-Approximately \$2,200/Yr Savings**
- **System-Water Loss 75%, System Improvements Save \$3,300/year in Electrical For Wells**
- **System-Aeration running 24/7- \$11,300 potential savings. Improvement Recommendations- \$34,250. Payback 3 years**

## Contact Us

Brandon Windell  
Energy Efficiency Circuit Rider  
217-820-1560  
windell@ilrwa.org

Certified Commercial Energy Efficiency Auditor

Website  
[www.ilrwa.org](http://www.ilrwa.org)