

## WHAT DO WE ASSESS?

- **ELECTRICAL EQUIPMENT**
- **MOTORS, PUMPS & BLOWERS**
- **OPERATIONAL PROCEDURES**
- **BUILDING USAGE AND ENVELOPE**
- **LIGHTING & HVAC**
- **ELECTRICAL PROVIDER INCENTIVES**
- **REVIEW ELECTRICAL RATE APPLICATION**

The high cost of operating utilities has gotten to the point 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.

The Energy Efficiency Technician 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 and help seek rebates where available.



## 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.

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

## 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**—High Service Pump—\$22,000 to install VFDs for system improvements , \$16,100 in incentives acquired from electrical supplier, yearly savings estimated at \$3,211. Payback in 1.8 years and the system operates better.
- **System**—Aeration running 24/7—\$11,300 potential savings. Improvement Recommendations—\$34,250. Payback 3 years.

## Contact

**Dave Speagle**  
**Energy Efficiency Technician**  
**217-820-1560**  
**speagle@ilrwa.org**

**Certified Commercial Energy Efficiency Auditor**

The FREE 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.



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 Dave Speagle  
217-820-1560

**What is requested of the system?**

- Provide tour of facilities for the technician
- Copies of energy bills for at least one year



**Energy  
Efficiency  
Assessment  
Program**

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