



The FRWA Energy Efficiency Program is funded by USDA Rural Development. Similar programs can cost thousands of dollars. Thanks to USDA RD there is no cost for your system!

If your system is interested in participating, please contact

Mark Hallett, Energy Efficiency Circuit Rider, to schedule your assessment today.

Mark Hallett, Energy Efficiency Circuit Rider

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Committed to the future of rural communities.

It's the first of the month,
do you know what your
electric bills **cost**?



Energy is the third most expensive part of a typical water or wastewater facility's monthly expenses. Last year Florida water and wastewater facilities spent an average of \$39,851.25 on electricity, across all system sizes. The energy efficiency program is designed to help systems reduce their electrical costs. This reduction can allow funding to be spent elsewhere, such as training, chemical, O&M or personnel costs.

Your electric statement		Account number: 12345-67890				
For: Sep 17 2010 to Oct 18 2010 (31 days)		Statement date: Oct 18 2010 Next meter reading: Nov 16 2010				
Customer name: JANE CUSTOMER Service address: 123 ANY ST						
Amount of your last bill	Payments (-)	Additional activity (+ or -)	Balance before new charges (=)	New charges	Total amount you owe (=)	New charges due by
156.73	156.73 CR	0.00	0.00	147.35	\$147.35	Nov 08 2010
Meter reading - Meter 0CXXXXX						
Current reading	79065	Amount of your last bill	156.73			
Previous reading	- 77725	Payment received - Thank you	156.73CR			
kWh used	1340	Balance before new charges	\$0.00			
Energy usage						
Last Year	156.73	Electric service amount	127.35**			
kWh this month	1520	Service charge	1.15			
Service days	29	Gross receipts tax	3.31			
kWh per day	52	Franchise Charge	5.95			
**The electric service amount includes the following charges:						
Customer charge	\$5.90	Utility Tax	9.18			
Final balance	\$147.35	Total new charges	\$147.36			
Final balance	\$147.35	Total amount you owe	\$147.36			
This is a sample bill; yours may vary. The different sections are described to the right.						

The process is simple. A short on-site visit is required; a typical visit last no more than an hour. During this visit, information about the facility operations and the motors, lights, and other energy users are collected. The last twelve months' worth of electric are also needed.

Reading your electric bill is a good first step in increasing efficiency. There are three main parts to every bill.

1. Consumption:

Sometimes called usage, consumption is the amount of energy you used in the month. It is measured in kilowatt-hours (KWH). Systems can reduce their consumption by using less energy. This can be done by turning lights off, reducing the run times of motors (if possible), and any other means that reduces how much energy is used.

2. Demand:

Demand is the amount of energy your systems needs at any point in time. Electric utilities must be able to meet the energy demands of all their customers at the same time. Demand is measured in kilowatts, but sometimes KVAR is used. Demand is typically measured in fifteen minute windows. Some systems can reduce their demand by NOT starting motors within fifteen minutes of each other.

3. Taxes and Other Fees

Electric utilities love having other fees hanging out on bills. Most often these take the form of membership or customer fees. These fees vary depending on the service type; always check that your service type on your bill lines up with the service you are receiving. These customer charges are charged on a per meter basis.