Florida Office of Energy

Energy-Water Nexus

Kelley Smith Burk
Director

NASEO 2015 Annual Meeting

September 16, 2015
Wastewater Programs

• The Office of Energy provided grants to seven local governments to make upgrades to wastewater and water treatment plants using American Recovery and Reinvestment Act funding.

• Successful projects included tasks such as installing energy efficient blowers, variable frequency drives, pumps and controllers.

• All local governments reported a significant savings as a result of upgrading their wastewater and/or water treatment plant(s).

• The City of Palatka reported an annual savings of $18,000.
Farm Energy and Water

- In June 2015, the Office of Energy launched the Farm Energy & Water Efficiency Realization (FEWER) Program.

- FEWER is a pilot program in Suwannee County that provides on-site energy and water audits to farms. The pilot program provides a 75% cost share, up to $25,000, to area farmers who participate in the audit and choose to implement the recommendations.

- In less than three months, we have completed 9 audits and anticipate to conduct another 100 audits in the near future.

- Based on the success of this program, the Office of Energy expanded the program to surrounding counties.
Farm Energy and Water (cont.)

• The Audit Process:
  • Initial Interview and Documentation
  • Data Collection
  • Energy Analysis

• The Audit Covers:
  • Summary of the facility’s location, production level
  • Summary of the site’s energy and water use over one year
  • List of recommended measures
  • Estimated cost savings
  • Best Practices Brochure

• FEWER Covers the Costs of:
  • Farm energy audits
  • Preliminary renewable energy assessments
  • Cash incentives for qualifying equipment (up to 65% of total project cost with maximum of $25,000 per farm)
  • Project installation support
Contact Information:
Kelley Smith Burk

Kelley.SmithBurk@FreshFromFlorida.com
(850) 617-7470