

Florida Office of Energy

Energy-Water Nexus

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Director

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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



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