

# Energy Smart Plus (e+):

A comprehensive approach to energy efficiency and conservation

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Presented at the 2013 ACEEE National Conference on Energy Efficiency as a Resource – 9/24/2013



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# Utilities on a Smart Grid

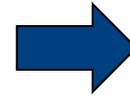
- Electric, Gas, and Water -- Smart Grid
- 88,000 Residential Electric Customers
- 805 MW Electric Generation (summer)
- 621 MW Peak Demand
- Near 100% Natural Gas
- Comprehensive customer programs



# Energy Smart PLUS



ENERGY SMART PLUS™  
SAVE ENERGY SAVE WATER SAVE MONEY



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# Free Energy Audits

- 6,000-8,000 home energy audits per year
- No cost to customer
- e+ Starter Kit
- Commercial energy audits available



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# On-Bill Financing

- Energy Efficiency Loan Program
- General Terms: 5 years, up to \$20,000
- Covers nearly 30 measures
- Eligibility requirements

## Annually

- 600 loans :: \$3.8M



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# Income-Based Energy Assistance

- Ceiling Insulation: up to \$500
- Hot Water Leak Repair and HVAC Repair Grant: up to \$500
- Duct Leak Repair: up to \$500

## Annually

- 1,400 grants



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# Good Neighbor Program

- Income-based senior citizens and families with children under the age of five.
- Apply through Capital Area Community Action Agency (CACAA)
- Bill Assistance (25% credit)
- e+ Incentives



# Neighborhood REACH

- Focused on improving livability within low-income and older neighborhoods
- Whole-neighborhood, door-to-door approach
- Involves installation of energy measures, education and referrals
- Initiated in December 2010
- Served over 4,000 customers



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# Energy Star Appliance Rebates

- Clothes Washers: \$100
- Refrigerators: \$75
- Freezers: \$40

## Annually

- 3,000 rebates



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# Natural Gas Appliance Rebates

- Water Heater: \$675
- Furnace: \$700
- Range: \$200
- Clothes Dryer: \$200
- Pool Heater: \$450
- Outdoor Grill: \$100

## Annually

- 1,500 rebates



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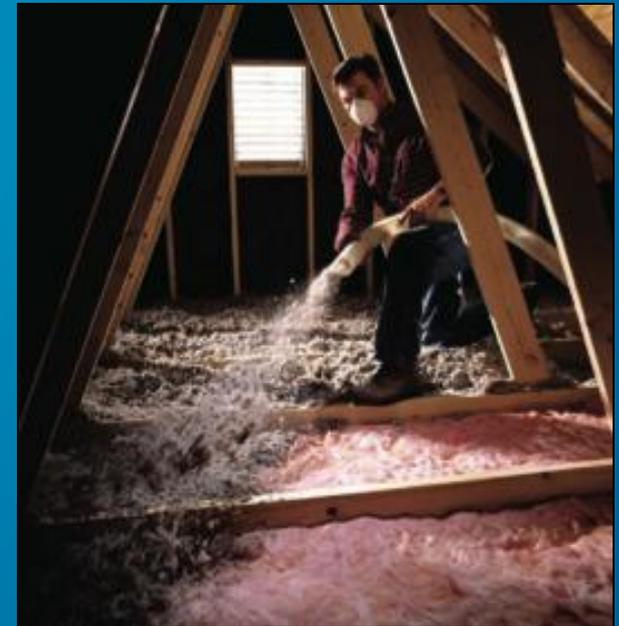


# Ceiling Insulation Grant

- Requires home energy audit
- Participating contractors
- Grant: 80% up to \$400

## Annually

- 1,800 grants



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# Energy Star Homes Incentive

- Incentive: \$1.00/sq ft up to \$2,000
- Meet Energy Star requirements

## Annually

- 70 homes



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# Energy Efficient A/C & Heat Pump Rebates

- SEER 14 / HSPF 8.2: \$100
- SEER 15 / HSPF 8.2: \$350
- Heat Pump Water Heater: \$600

## Annually

- 800 rebates

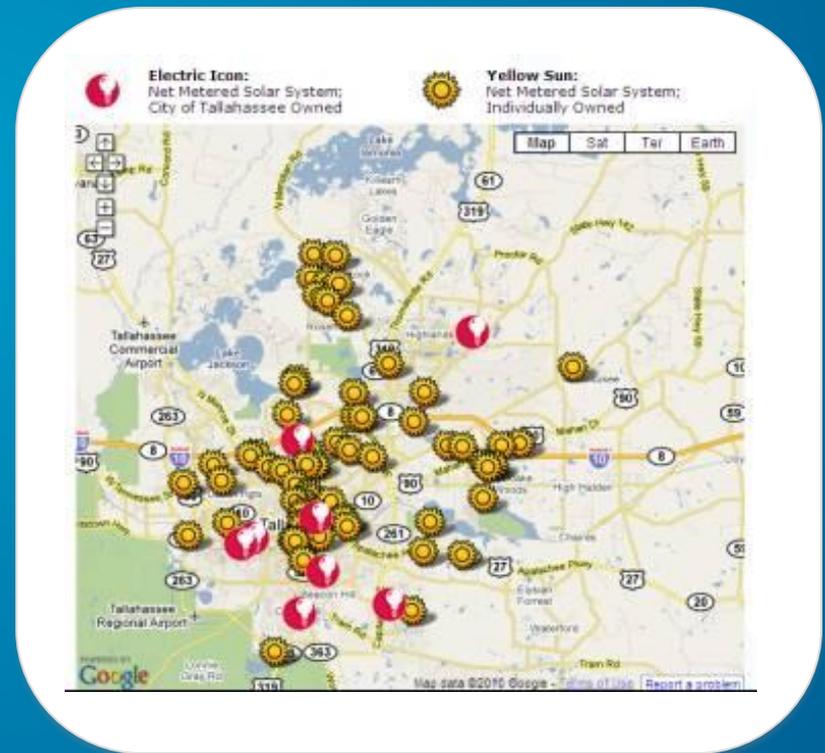


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# Solar Net-Metering

- PV installations up to 100 kW
- Full retail electric rate per kWh
- Commercial and residential



# Solar Water Heater Rebates

- Solar domestic water heating systems
- Not pool heating
- Rebate = \$450

## Annually

- 15 rebates



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# Other Efficiency Initiatives

- Schools on Solar
- Solar Thermosiphon Water Heater
- LED Streetlights Pilot
- City Building Energy Retrofits
- ... *and the SMART GRID...*



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# Smart Grid Enhancements

- Commercial Automated Demand Response
- Residential Smart Thermostats
- Prepaid Options
- Time-of-Use Rates
- ... *and E+ Online*



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# E+ Online

[Sign Out](#)

e+ Online Center
Home Profile
Find ways to save
Calculators
e+ Library

▀ Bill History
▀ Bill Analyzer
▀ Payment History

## e+ Online Center

Welcome Todd Michael Ohlsen! Today is Tuesday, September 21, 2010.

Go to [Bill Analyzer](#) to see how your bills have changed.

Account Summary
?

Account # 0878475610

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**Account s [REDACTED] 2010**

Last Payment \$229.49

Received 9/15/2010 - Thank you!

**Account balance (\$6.81)**

Payment History
Payment Options

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**Bill Summary ending 9/17/2010**

Previous balance \$0.00

Total current charges (\$6.81)

**Amount Due 10/14/2010 (\$6.81)**

Bill Highlights
?

146 Teal Ln

⚡ Other "non-energy" charges were \$ 200.00 lower in this bill.

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⚡ Your utility charges were \$ 36.30 lower for this

How does my home compare?
?

146 Teal Ln

Total Costs 8/17/2010 to 9/15/2010

\$139 My Home

\$375 Avg. Home

Total
  Electricity
  Water

**Congratulations!** Your home used less resources than most of the similar homes in your area.

How does my home use resources?
?

146 Teal Ln

Total Costs 8/17/2010 to 9/15/2010

Total
  Electricity
  Water

# Final thoughts

- We go to customer...  
...or customer can come to us
- Something for everyone
- Continue making enhancements
- “Save energy, save water, save money!”



# For More Information:

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