

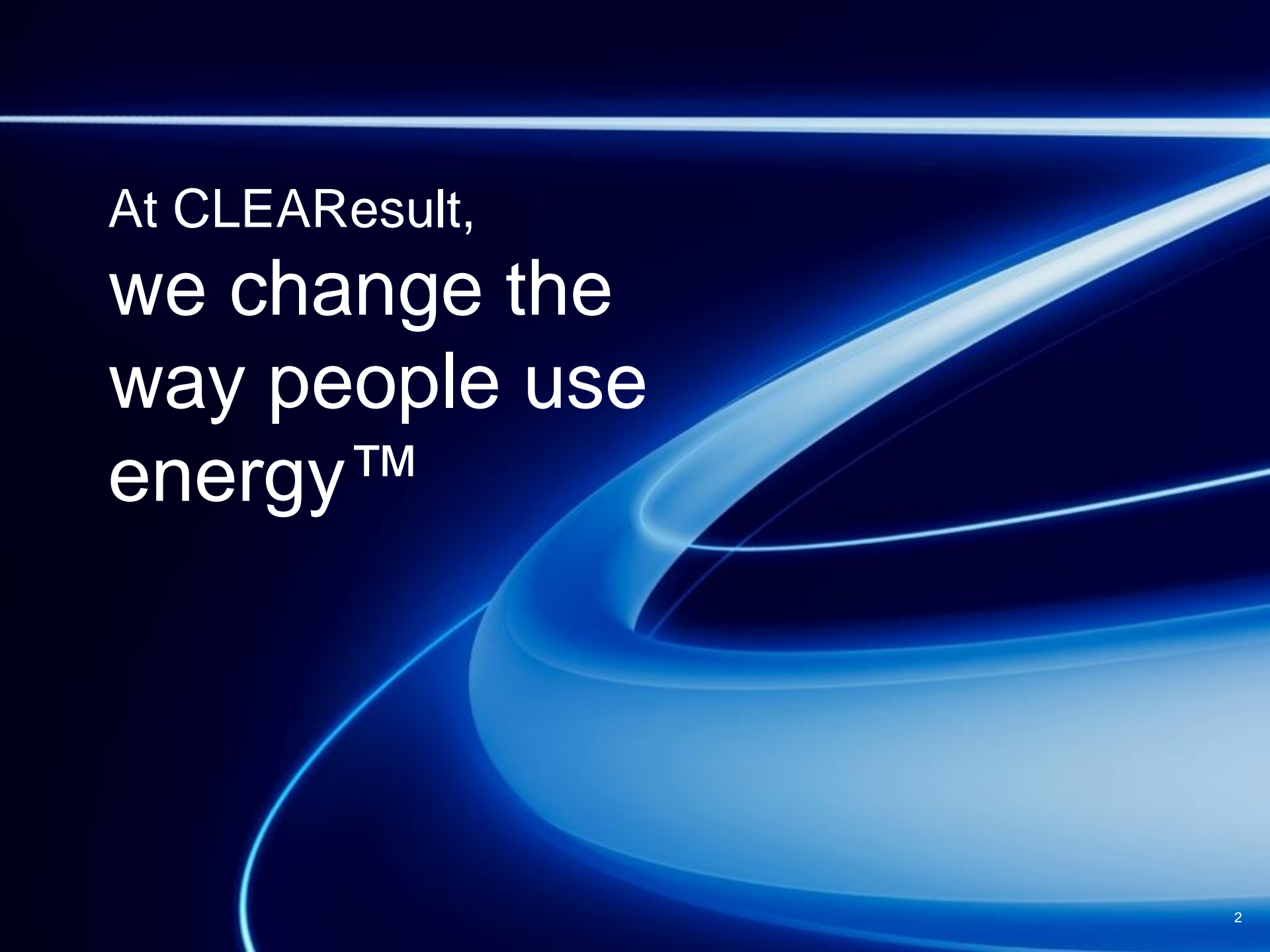


# Commercial & Industrial Utility Programs

U of A – Applied Sustainability Center

Summer Energy Academy 2014

**CLEAResult**

The background is a deep blue gradient with several glowing, curved lines and bands of light blue and white, creating a sense of motion and energy. The lines are smooth and have a soft glow, suggesting a futuristic or technological theme.

At CLEAResult,  
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▲ We help utilities, businesses and individuals make the wise use of energy a way of life.

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across North America

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equivalent employees

**100+**  
clients

**225+**  
programs



## ▲ Arkansas Utility Clients

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# CenterPoint Energy's Commercial & Industrial Solutions Program



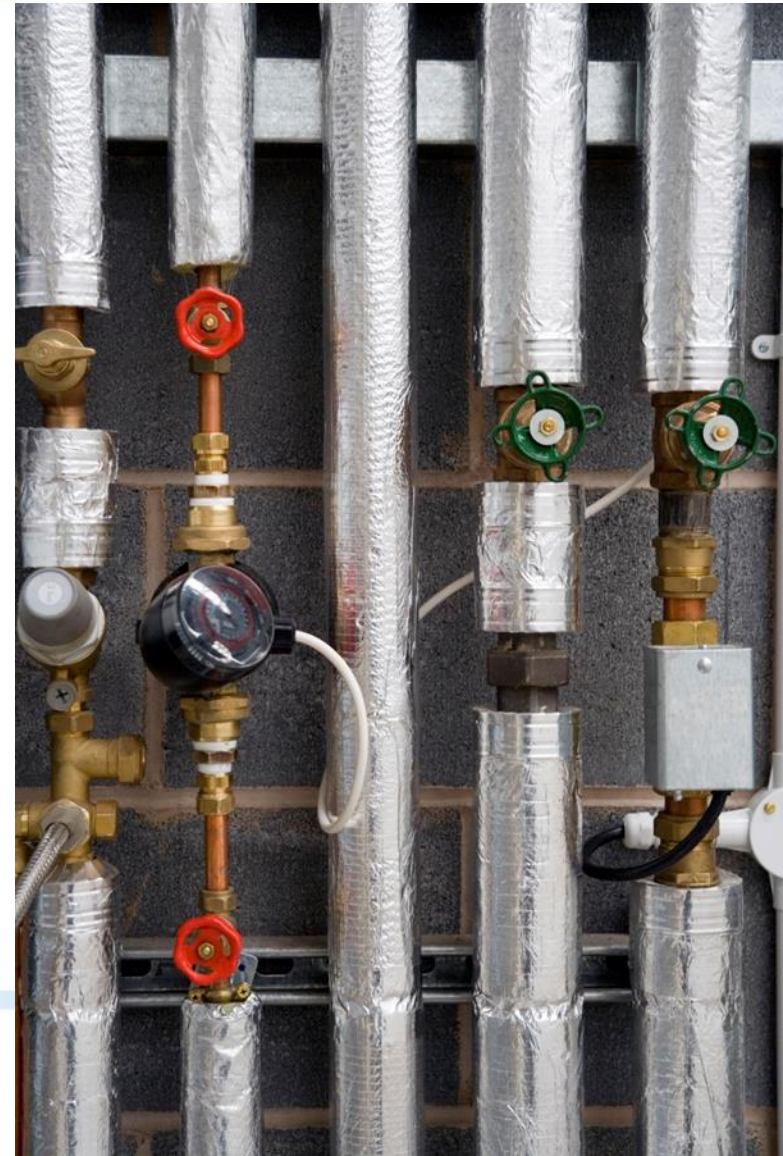
## Commercial & Industrial Solutions Program

- Free technical consulting
- Customized energy efficiency recommendations for retrofits and new construction projects.
- Free natural gas savings products (aerators, showerheads, etc..)
- Incentive funding (\$0.80/CCF) for:
  - Boilers & Boiler controls
  - HVAC retrofits
  - Steam system improvements – insulation, steam trap and leak repair
  - ANY process that uses natural gas

### Program Contact Info:

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## Commercial & Industrial Programs

**Eligibility:** Entergy Arkansas commercial customers with a demand greater than 100 kW

**Prescriptive Measure Types (non inclusive):** Lighting, HVAC, Chiller, Water Measures, Refrigeration, and PC Power Management

**Custom Measure Types(non inclusive):** HVAC Controls, VFD Motors, Compressed Air, Industrial process improvements

## Small Business Program

**Eligibility:** Any Entergy Arkansas business customer smaller than 100 kW demand

**Measure Types (non inclusive):** Lighting, Water Measures, Window Film, HVAC, Refrigeration

**Both programs provide:**

- Full technical assistance.
- Access to a network of trade allies to install efficiency measures
- Free directly installed energy efficiency products
- Financial incentives up to 75% of the cost



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# Commercial & Industrial Solutions Program

- **Customized incentives for retrofits and new construction** (\$.80/CCF)
- **Provides:**
  - Free technical consulting and incentive funds for qualified projects
  - Free natural gas saving products- (e.g. faucet aerators, pre-rinse spray valves)
  - Rebates for high efficiency equipment – (ex. Boilers, Furnaces, Water Heaters, Cooking equipment)
- **Common measures (non inclusive):**
  - Large boiler retrofits, New controls (HVAC, boilers, etc.), Process efficiency improvements, Thermal oxidizers, Stack economizers, Retro-commissioning, and other natural gas related equipment and processes
  - *All measures must be pre-approved to determine eligibility*

Eligible measures will receive \$.80/CCF of natural gas saved

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## **Commercial and Industrial Energy Efficiency Program (CIEEP)**

- Eligibility: All commercial and industrial customers over 50 kW demand
  - Retrofit and new construction
  - Qualifying equipment must be installed (ex. DLC listed LED fixtures)
  - *All projects require pre-inspection*
- Common measures:
  - Lighting, Compressed Air, PC Power Management, Water Measures
- **Small Business Direct Install (SBDI) Program**
  - Eligibility: All commercial and industrial customers  $\leq 50$  kW demand
    - Must use qualified, in-network trade ally
    - Incentives payable to trade ally
    - Qualifying equipment must be installed (ex. DLC listed LED fixtures)
  - Common measures:
    - Lighting and Water Measures
- Both programs provide free technical consulting to identify and estimate energy savings

# Program Contact Information



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## Pace Industries

**Measure:** Five high-efficiency insulated covers installed on plant's aluminum pump wells

**Energy savings:** 75,630 Therms

**Annual \$ savings:** \$36,816

**Incentive Paid:** \$18,065

**Simple Payback Period:** 0.0 years



## Rhein Chemie

**Measure:** Replaced 26 steam traps

**Energy Savings:** 163,829 therms

**Annual \$ Savings:** \$75,072

**Incentive Paid:** \$10,614

**Payback Period:** Instant!



“The projects may have happened, but they would not have happened until next year...if the money was available,” said Maintenance Manager Perry Williams. “Having the incentives really helped. We are using almost 1000 MMBtu less this January than we did in January 2013, and we are using five more presses than we did last year.”

## Large Manufacturing Facility

**Measure:** Compressed air system upgrade and lighting retrofits

**Energy savings:** 1,230,000 kWh

**Annual \$ savings:** \$86,100

**Incentive Paid:** \$140,918

**Simple Payback Period:** 1.4 years



## Washington County – Phased Project Approach

**Measures:** Lighting, Water Measures, and Vending Economizers

**Cumulative Annual Energy Savings:** 398,822 kWh

**Cumulative Annual Water Savings:** 1,422,000 gallons

**Total Annual Utility Bill Savings:** \$40,766

**Simple Payback:** 0.98 years

**Estimated lifetime savings:** \$520,843\*

\*Includes water, sewage, electricity, and maintenance savings

6/3/2014





## Medium Size Manufacturer

**Measure:** Lighting Upgrades

**Energy savings:** 347,444 kWh

**Annual \$ savings:** \$24,320

**Incentive Paid:** \$27,290

**Simple Payback Period:** 0.3 years

