



Energy Right Solutions for Industry[®]

Tennessee Valley Authority

Daryl Williams, TVA
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TVA About TVA



TVA's Mission and Vision

TVA has renewed its vision of a cleaner, low-cost energy future, relying more on nuclear power and energy efficiency and less on traditional fossil fuel generation.

The Tennessee Valley Authority, a federal corporation owned by the U.S. government

- Nine million customers in seven southeastern states
- Energy prices below national average
- Receives no taxpayer money
- Assists utilities and state and local governments with economic development
- Revenues: \$11.7 billion
- Power Sales: 171 billion kWh

Our VISION

ONE OF THE NATION'S LEADING PROVIDERS OF LOW-COST
AND CLEANER ENERGY BY 2020



Low Rates



High Reliability



Responsibility



Cleaner Air



More Nuclear Generation



Greater Energy Efficiency

TVA Energy Efficiency

- In partnership with our customers, TVA remains committed to energy efficiency
- Portfolio of residential, commercial and industrial programs
- Low cost hedge against market price spikes
- Part of TVA's resource strategy, "virtual power plant"
- Creates jobs, stimulates local economies
- Helps industry to be more competitive
- Success!: In 2012 TVA and local power companies exceeded energy efficiency targets, achieving 560 gigawatt hours
- Working with industrial partners, TVA is transforming the way industry uses energy
- Issuing RFP for 5MW of waste heat-to-electricity



TVA Energy Right Solutions for Industry

Technical Assistance

- Project development
- Energy assessments from industry experts
- Economic evaluation of energy efficiency opportunities
- Measurement of actual energy efficiency savings
- Technical workshops



Assessments

- Compressed air
- Lighting
- Fans/blowers
- Pumping systems
- Process heating
- HVAC systems
- Holistic process improvements

Incentives

- Currently the lesser of \$ 0.10 per kWh 1st year 's energy savings OR 70% of project cost

Questions?