TVA

Energy Environment Economic Development

TVA Service Area

Energy Environment Economic Development
Need is Valley Wide – Need for Increased Equity
The Need: Aging Housing Infrastructure
The Need: 5,000+ Lower-wealth Households in Need of Weatherization
Where We Started: IBM Smarter Cities Challenge
The Smarter Cities Partnership Vision
Knoxville Extreme Energy Makeover (KEEM)
KEEM – No-Cost Retrofits
KEEM: Built on Partnerships
Integration of Customer Feedback

TVA offers advice on what changes would save the most.

They give you advice how to make your home comfortable without costing a lot.

The advice on the best ways to become more efficient which would save me money.

Tells me what the biggest savings would be based on what is fixed.
Education is a Priority
Education Helps Empower Customers
Engagement is Critical
Engagement is Critical
KEEM’s Impacts in First 12 Months…

**ECONOMIC IMPACT**

- $6 Million Invested in Knoxville
- $4.5 Million to Local, Small Business

**CUSTOMER IMPACT**

- 600+ Homes Weatherized
- 3,700,000 kWh Saved
- 100+ Workshops with 1,200+ Attendees

**ENVIRONMENTAL IMPACT**

- Savings Enough to Power 225 Average Homes
- 2,600 Metric Tons of CO2e
- Equivalent to Taking 549 Cars off the Road
Energy Savings in Sample Home

Monthly Comparison (kBTU)

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<th>Month</th>
<th>2015</th>
<th>2016</th>
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<tbody>
<tr>
<td>January</td>
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Thank You!

www.KEEMteam.com

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