



Finding and Funding Energy Efficiencies in Rural Grocery Stores

NATIONAL RURAL GROCERY SUMMIT

JUNE 26, 2018

Leveraging Resources

- ▶ Kansas Corporation Commission
 - ▶ Extended partnership to Kansas State University Engineering Extension in 2016
 - ✓ **Small Business Energy Program**
 - ✓ Energy Education
 - ✓ Facility Conservation Improvement Program
- ▶ Blue Cross/Blue Shield Pathways to a Healthy Kansas
- ▶ USDA Rural Energy for America Program

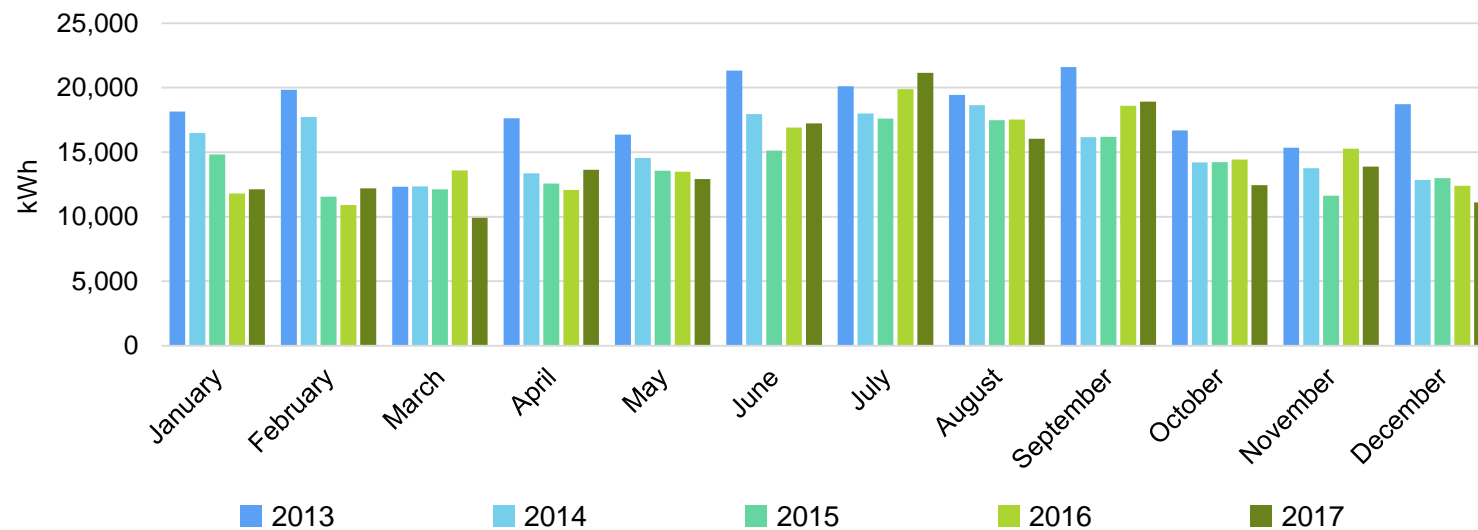
Small Business Energy Program

► Provides –

- ✓ Free energy audits to rural small businesses and agricultural producers
 - For-profit businesses (for REAP grant only; we still provide assistance to non-profits)
 - Populations less than 50,000
 - Small Business Administration small business size standard
 - For NAICS Code 445110, Supermarkets and Other Grocery (except Convenience) Stores, SBA size standard is average annual receipts <\$32.5M
- ✓ Technical assistance in applying for U.S. Department of Agriculture Rural Energy for America Program (REAP) Grant
 - If approved, reimburses up to 25% of eligible project costs

Energy Assessments – What We Do

- ▶ Energy Analysis - Enter electrical and natural gas data (1-5 years)



Energy Assessments – What We Do

- ▶ Energy Assessment
 - ▶ Interview owner/manager
 - ▶ Determine square footage
 - ▶ Take pictures of electricity-consuming devices, exterior, building envelope
 - ▶ Take pictures of name plate information for compressors, coolers
 - ▶ Conduct visual inspection of interior, exterior, roof, basement
 - ▶ Collect data using infrared imaging, light meters
- ▶ Energy Report
 - ▶ Yearly and monthly energy consumption
 - ▶ Calculations, simple payback

Energy Assessments – What We Do



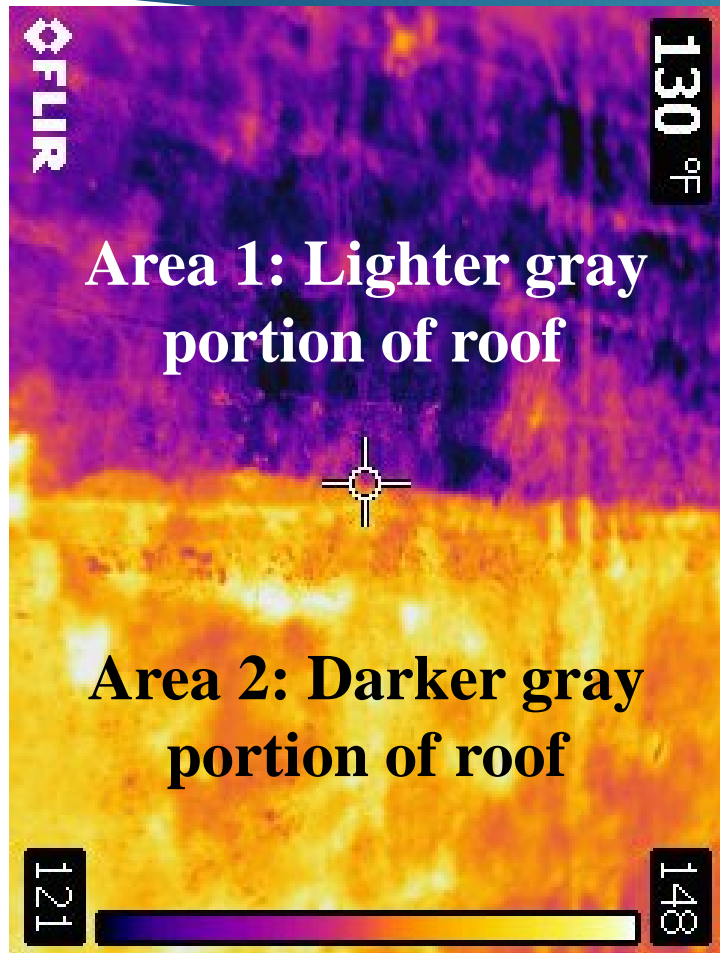
Energy Assessments – What We See



Exterior vending machines: worth the expense?



Roof color can have a major impact



Energy Assessments – Where We Go



Grant Assistance– What We Do

- ▶ REAP Grant Assistance
 - ▶ 4280-3A
 - ▶ SF424
 - ▶ SF424C
 - ▶ SF424D
 - ▶ USDA Scoring Criteria
 - ▶ DUNS number
 - ▶ SAM CAGE Code – notarized letter
 - ▶ Delivery for signature
 - ▶ Delivery to USDA

Small Business Energy Program – Before and After



Before



After

Small Business Energy Program – Before and After



Before



After

Small Business Energy Program – Before and After



Before



After

KCC/K-State Staff

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