



Baking the Way for Energy Efficiency

Presented By: Leslie Adebayo, Sustainability
Engineering Specialist

BBU Huntington



Heiner's Bakery – 1905



Earthgrains – 1966



Sara Lee – 2001



Grupo Bimbo – 2011



Why is Energy Important to BBU?

Right thing to do!



Why is Energy Important to BBU?

Keeps us Competitive!



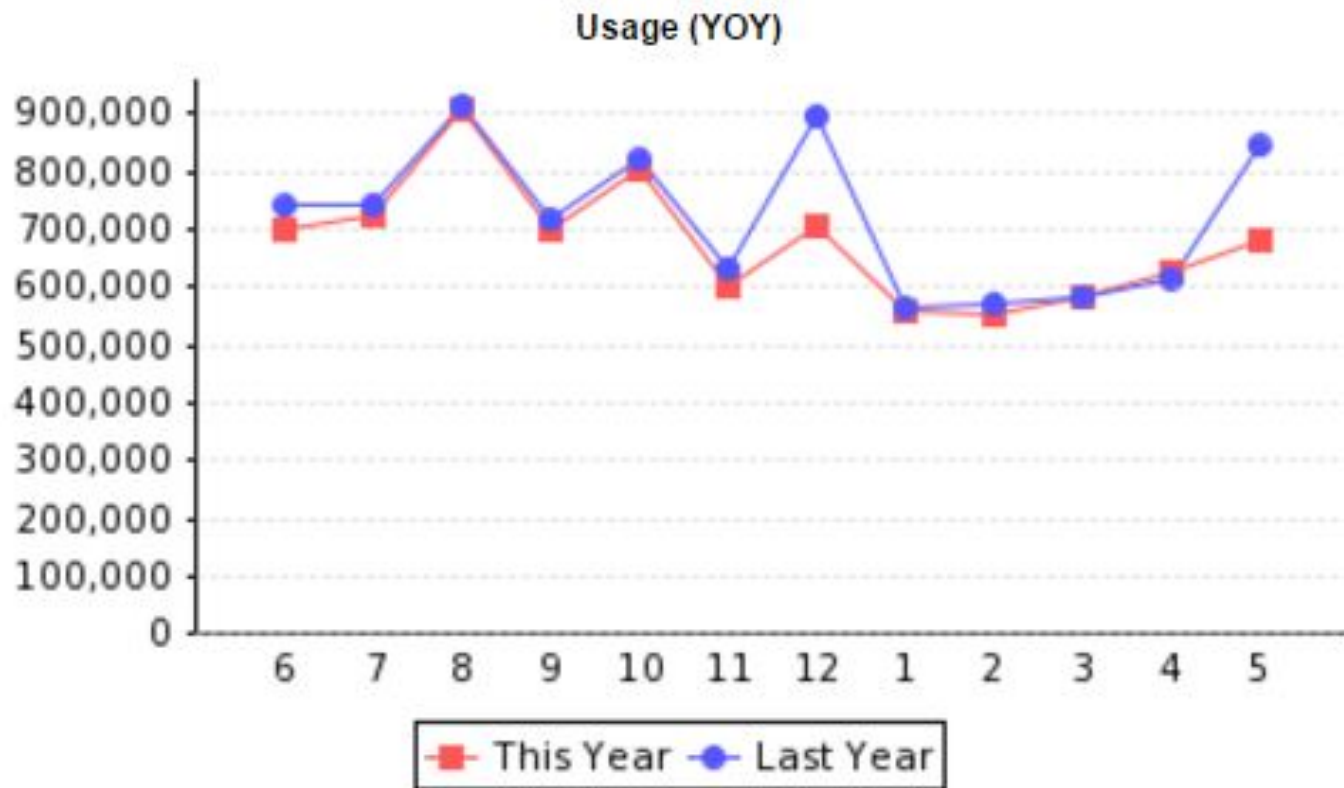
Why is Energy Important to BBU?

Allows us to Innovate!



Why is Energy Important to BBU?

Provides Consistency!



How we use Energy...

BBU Huntington produces over 75.5 M lbs. of bread product annually!

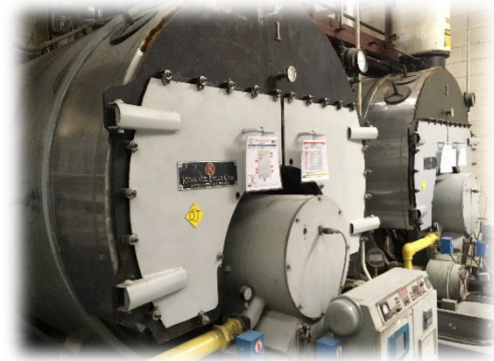


This requires more than 76 Billion Btu's of energy!

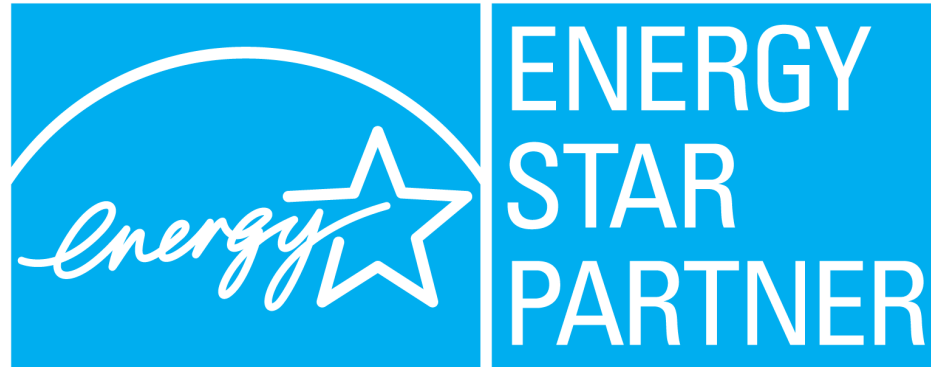


How we use Energy...

Usage is divided between Natural Gas & Electricity.



How we determined a way forward...



How we determined a way forward...

With help from  West Virginia University®

- Tour the plant to get an understanding of what we do.
- Evaluate our process to see where we might find opportunities.
- Provide a detailed report with actionable items and estimated savings.

Interpreting & Implementing Results

We review the report and determine what is feasible:

1. Budget
2. Will it disrupt production.
3. Will it impact how we make the product.



Where we are now...

- **Converting from CFL to LED**
- **High Efficiency Motor Conversion**
- **Compressed Air Analysis**
- **Following Industry Best Practices**
- **Implementing the findings from our assessment report**



**WE'RE IN
ENERGY-EFFICIENT
INNOVATION.**

