

# MASS SAVE



# A collaboration of Massachusetts gas & electric efficiency program administrators

Berkshire Gas

Cape Light Compact

Columbia Gas

Eversource

Liberty Gas

NGRID

Unitil



# A Perspective: 2013 Program Year



# 2013 PROGRAM YEAR Commercial & Industrial

Number of participants:

30,717 electric

5,296 gas



# 2013 PROGRAM YEAR Commercial & Industrial

Annual Energy Savings

1,116,442,000 kWh

22,662,498 therms



# 2013 PROGRAM YEAR Commercial & Industrial

Total incentives paid to these  
customers

\$152,689,814 electric

\$ 19,783,078 gas



# Pop Quiz

1) What state was ranked #1 in the ACEEE Scorecard in 2014 for the fourth year in a row?

2) Why is my hair grey? (hint: refer to question 1)



# 2015 Statewide Incentives (Planned)

Electric - \$225,320,980

Gas - \$39,771,883





# Prescriptive Incentives

- Prescriptive & Performance Lighting and Lighting Controls
- Chiller & VRF Systems
- Variable Speed Drives
- Gas Heating
- Commercial Kitchen Equipment
- Compressed Air Systems

*Plug & Play*



# **Custom projects contribute the majority of savings**

Funding available for  
Technical Assistance Studies



# Case studies of custom projects



# Major expansion of limestone processing plant



# Collaboration of separate gas & electric PA's

## Challenges:

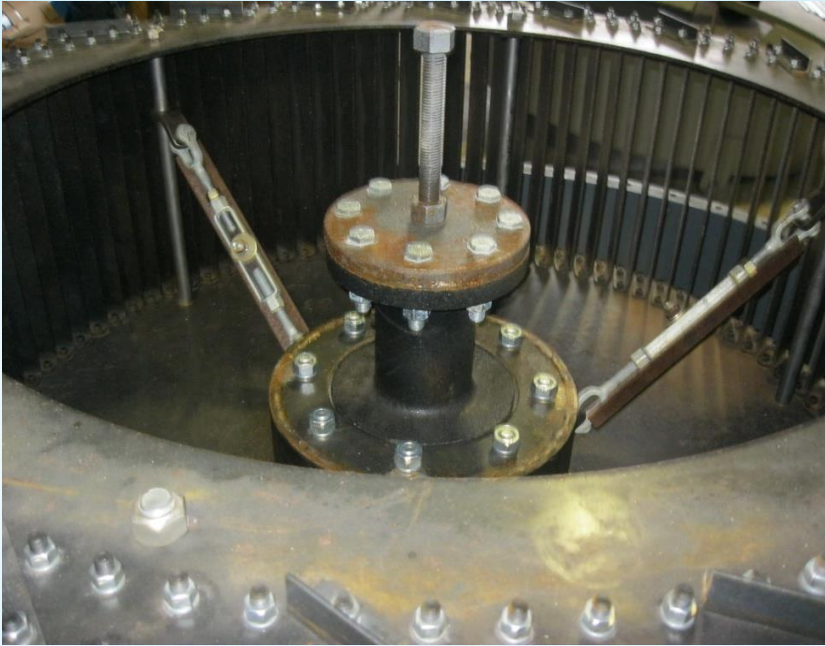
Customer asked Eversource to assist in identifying efficiency opportunities for their limestone mill expansion.  
Very tight time frame to meet production objectives.

## Solutions:

- Strategic approach identified a potential opportunity to involve Berkshire Gas
- Utilized Eversource's in house engineering team to:
  - identify the energy efficiency focus of the technical study
  - significantly reduce the required review time







Left: New limestone separator controlled by a 500 HP VFD.

Right: New gas powered limestone dryer.



# Project Results

## Results:

- Annual savings: 2,166,572 kWh + 59,570 therms.
- Fast track review instrumental in achieving project completion within the customer tight time-line
- Seamless coordination between customer and PAs in respect to energy analysis, technical review, and customer financial criteria.



# *Integration Case Study:*



## The Berkshire Museum





# The Berkshire Museum

## The challenges:

- Gain precise humidity control
- Achieve significant gas & electric savings

Teamwork:        The Museum, their design team, Berkshire Gas & Eversource

# Utilize chiller reject heat for reheat



# Other Measures

- New high efficiency chiller
- New Cooling tower
- VFDs on all fans
- CO2 control



# Integrated Approach

- Berkshire & Eversource attended each design meeting together
- One analysis
- Joint incentive offer

# For More Information...

[www.masssave.com](http://www.masssave.com)



# Questions?



thank you

