

# Energy Efficiency Profile

LEF Farms - Loudon, NH



(l to r) LEF Farms President/CEO Henry Huntington and VP/COO Bob LaDue with Liberty Utilities energy efficiency expert Rob McLean standing inside one of the automated greenhouses in Loudon, NH.

LEF Farms was built on the site of an old gravel pit. They are investing a whopping \$10 million dollars to grow gourmet lettuce indoors, year-round in New Hampshire.

“It was a big investment, but we saw that the market was great for this kind of product,” said Henry Huntington, President/CEO of LEF Farms. “Folks are looking for locally grown. They want to know where their food is coming from and how it’s grown.”

Targeted improvements include condensing boilers which provide heat to the plants during cold months and provide CO<sub>2</sub>, which helps the plants grow more vigorously. They are high efficiency, so they also save natural gas for the plant production.

The thermal curtains that were added create a heat-loss barrier when skies are overcast. This thermal barrier also helps to save on natural gas use. Typical greenhouses do not use energy efficient glass because it does not allow the sun to penetrate naturally in order to help the plants grow.

Now that the improvements are complete, not only will LEF Farms benefit from over 54,000 therms of gas savings every year but they will save 843,800 therms over the lifetime of the energy efficient measures.



## Liberty Utilities®

### PROGRAM HIGHLIGHTS

#### The Problem:

High Energy Costs for Production

#### The Solution:

Installed condensing boilers

Heat curtains for winter months

#### The Incentive:

Total cost of Energy Efficiency Measures:	\$279,094.00
Total incentive paid	\$139,546.00
Annual Therms saved	54,440
Lifetime Therms saved	843,800
Payback w/incentive	2.2 years

Find out what incentives are available for your company.  
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