

Project: **LED Retrofit on Reach-In Cases**

Background:

A supermarket in Wisconsin needed 78 reach-in freezer and cooler cases retrofitted from fluorescent lamps to Always*Bright LED lights to save energy and brighten the display of products.

Solution:

The bright, even illumination of the Hussmann's Always*Bright LED lights has changed the appearance of the entire store, causing sales to increase and electric costs to decrease in the first full month since the installation.

The store owner reports a 4% increase in his frozen food and dairy sales since installing the lights. He has also noticed significant energy savings since the LED installation. For example:

- The store's electric bill decreased by over \$1,000/month since the retrofit.
- Case temperatures dropped by an average of three degrees.
- Set points on the rack were raised from -30° F to -20° F while maintaining -10° F in the frozen food cases.
- Average savings per door is over \$13 per month in electrical costs.



Hussmann installed the LED retrofit on older reach-in cases. ROI on the retrofit will be approximately two years – even less if figuring in increased sales and profits.

Over the past several years, Hussmann has launched a number of energy- and refrigerant-saving products and is currently working to develop several next generation Green products to meet customer needs. Hussmann Green products include Protocol refrigeration systems, Innovator II doors, Always*Bright LED lights, night curtains, Always*Clear glass coating, energy-efficient fan motors and coils, microchannel condensers and others.

For more information on Hussmann Green products, visit www.hussmann.com/alwaysgreen.