



# TCF Bank Headquarters



Over a Ten Year Period, the TCF Bank Headquarters location will save over \$1,080,224.00  
That's Not Bad, for an Energy Bill.

## CASE STUDY TCF Bank Headquarters

<b>D</b>	Total Number of Retrofits.....2,375
<b>E</b>	Annual Energy Cost Savings Due to Reduced Lamp Wattage.....\$108,022.41
<b>T</b>	Monthly Energy Cost Savings Total.....\$9,001.87
<b>A</b>	Return on Investment.....14.31 months
<b>I</b>	Projected 10 Year Energy Cost Savings.....\$1,080,024.10
<b>L</b>	Multiple Branch offices were retrofitted. The average payback of 15 locations was 15.84 months.
<b>S</b>	This project was calculated on simple payback watt reduction only. Additional savings were realized in reduction of Demand Charges, Air Conditioning, Lamp Replacement and Maintenance Costs. These items represent approximately another 30% additional savings. Therefore, the payback was closer to 10 months.

### Cleaning the Environment... Energy-Effective Lighting and Pollution Prevention

The Great Lakes Bancorp energy-effective retrofit means that they will remove 80.92 cars permanently from the road / plant 166.27 acres of trees.

- It will also remove:
- 1,213,749 pounds of CO<sub>2</sub> prevented per year
  - 161,833 ounces of SO<sub>2</sub> prevented per year
  - 11,610 ounces of NO<sub>x</sub> prevented per year