



**ENVIRONMENTAL SAVINGS SUMMARY**  
for  
**McElroy Metal**

**Adelanto CA, Peachtree GA, Clinton IL, Marshall MI,  
Sunnyvale TX, Merkel TX, Lockhart TX, Ashburn TX,  
Houston, Bossier City**

<b>Solar Array Size:</b>	<b>2,467</b>	<b>kW</b>
<b>Annual kWh Savings:</b>	<b>3,355,513</b>	<b>kWh</b>



**Annual Environmental Savings Results:**

**2,517 Tons of Carbon Dioxide**  
**5,033,270 Pounds of Carbon Dioxide**  
**479 Cars Removed from Road**  
**5,752,308 Miles Driven**  
**259,447 Gallons of Gasoline**  
**58,526 Trees Planted**  
**1,872 Acres of Trees Planted**  
**210 Homes Powered**  
**51,073 Light Bulbs Powered**

**EQUIVALENCIES:**

(Description of Calculator Factors)

CO2 emissions from 1 kWh	1 kWh	1.5 lbs. of CO2 Emitted
Annual Emissions for Medium Car	1 Medium Car	10,500 lbs. of CO2 Emitted
Average Miles Driven/Year	1 Average Car	14,000 Miles
Emissions from a Gallon of Gas	1 Gallon	19.4 lbs. of CO2 Emitted
Carbon Sequestered by Planted Tree	1 Tree	86 lbs. of CO2 Sequestered
Carbon Sequestered by Acre of Forest	1 Acre	2,689 lbs. of CO2 Sequestered
Avg Electricity Consumption/Yr./Household	1 Home	16,000 kWh
Energy Consumption of Incandescent Bulb	1 Light Bulb	66 kWh

Source: United States Environmental Protection Agency's Greenhouse Gas Equivalencies Calculator