Manufacturing Energy and Carbon Footprint
Sector: Machinery (NAICS 333)

Total Primary Energy Use: 444 TBtu
Total Combustion Emissions: 26 MMT CO₂e

Total Energy

Onsite Energy

Offsite Energy

Electricity Generation

Steam Generation

Process Energy

Nonprocess Energy

Energy Use (TBtu = Trillion British Thermal Units)

Combustion Emissions (MMT CO₂e = Million Metric Tons Carbon Dioxide Equivalent)

<table>
<thead>
<tr>
<th>Energy Use</th>
<th>Combustion Emissions</th>
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</thead>
<tbody>
<tr>
<td>All Energy</td>
<td>Offsite</td>
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<tr>
<td>Fuel</td>
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</tr>
<tr>
<td>Electricity</td>
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<tr>
<td>Steam</td>
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<tr>
<td>Losses</td>
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</tbody>
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Total Emissions = Offsite Emissions + Onsite Emissions

Energy use data source: 2006 MECS (with adjustments)
Last Revised: October 2012
Notes:
- Feedstock energy not included
- Energy values <0.5 TBtu shown as 0
- Values represent aggregate data
- Offsite generation shown on net basis

Prepared for the Advanced Manufacturing Office (AMO) by Energetics Incorporated