Manufacturing Energy and Carbon Footprint
Sector: Textiles (NAICS 313-316)

Total Primary Energy, 2010

Total Primary Energy Use: 242 TBtu
Total Combustion Emissions: 14 MMT CO₂e

Offsite Energy
- Fuel 59
- Electricity Generation 10.1
- Steam Generation 0.5
- Generation and Transmission Losses 117

Onsite Energy
- Electricity Generation (includes < 0.1 TBtu renewable, non-combustion electricity output) 2.2
- Steam Generation 6
- Generation and Transmission Losses 6
- Steam Distribution Losses 6

Process Energy
- Electricity and Steam Generation Losses 6
- Process Losses 47

Nonprocess Energy
- Offsite Emissions 9.1
- Onsite Emissions 1.4
- Nonprocess Losses 12

Total Emissions = Offsite Emissions + Onsite Emissions

Energy use data source: 2010 EIA MECS (with adjustments)
Last Revised: February 2014
Notes:
- Sector-wide aggregate data for year 2010
- Energy values rounded to nearest whole number
- Feedstock energy not included
- Offsite generation shown on net basis (purchases, sales, and transfers accounted for)

Prepared for the U.S. Department of Energy, Advanced Manufacturing Office by Energetics Incorporated