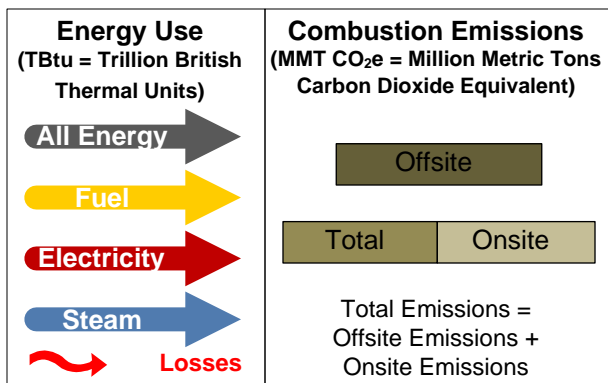
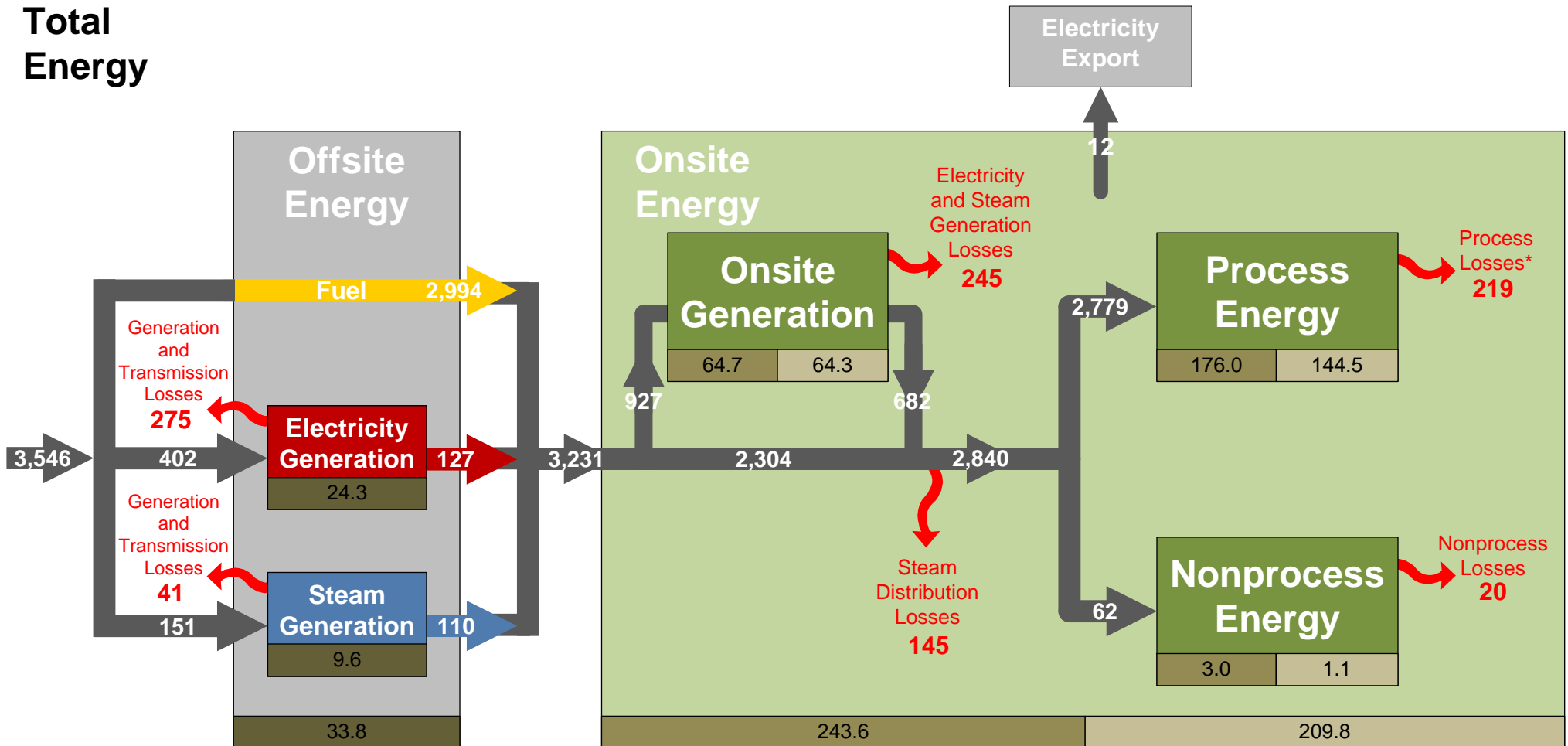


# Manufacturing Energy and Carbon Footprint

## Sector: Petroleum Refining (NAICS 324110)

**Total Primary Energy Use: 3,546 TBtu**  
**Total Combustion Emissions: 244 MMT CO<sub>2</sub>e**

### Total Energy



Energy use data source: 2006 MECS (with adjustments)  
 Published: August 2010  
 Revisions: July 2011, March 2012  
 Notes: Feedstock energy not included  
 Energy values <0.5 TBtu shown as 0  
 Values represent aggregate data

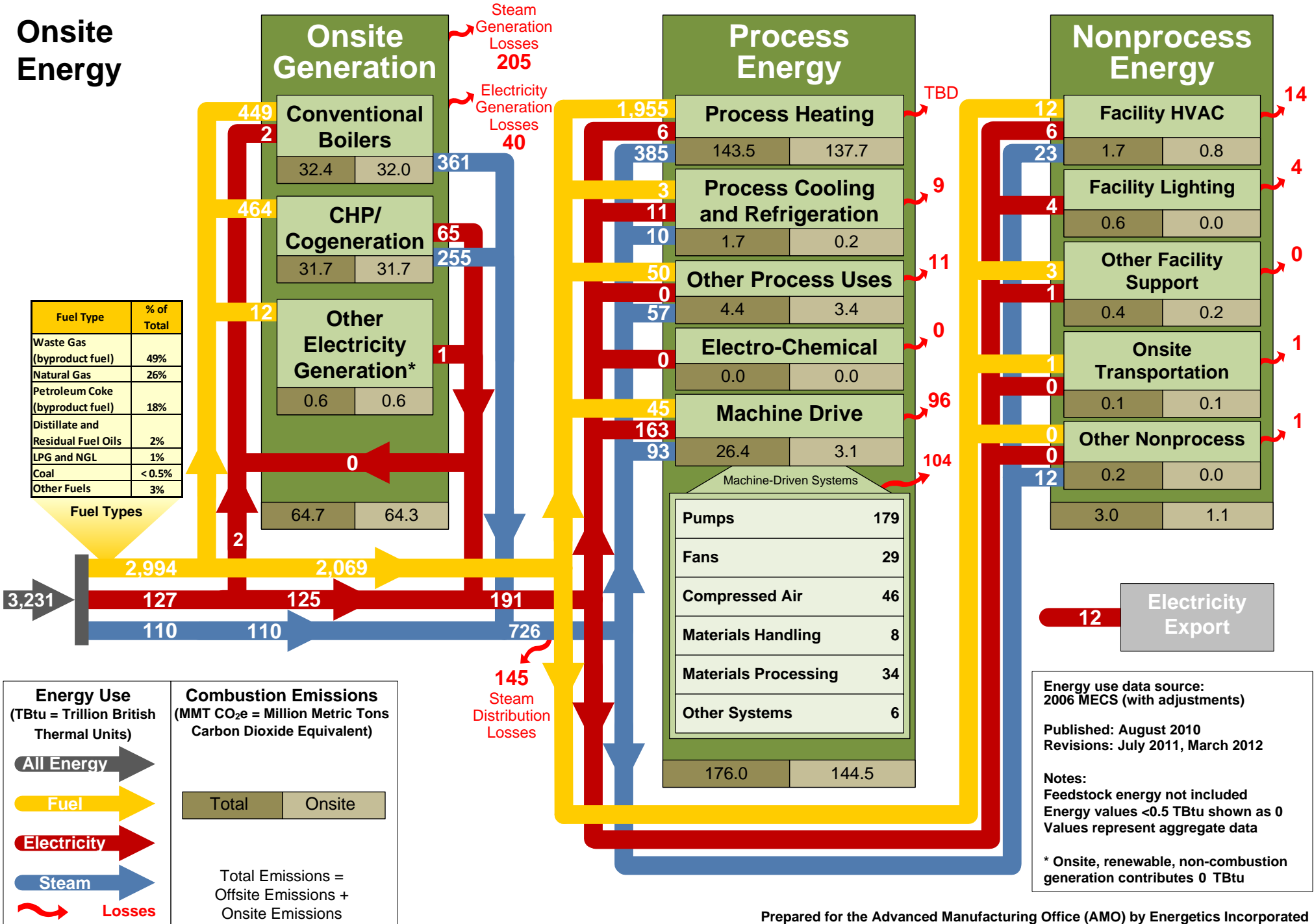
\* Process heating losses are not included, but will be estimated in a future revision.

# Manufacturing Energy and Carbon Footprint

## Sector: Petroleum Refining (NAICS 324110)

Onsite Energy Use: **3,231 TBtu**  
 Onsite Combustion Emissions: **210 MMT CO<sub>2</sub>e**

### Onsite Energy



Energy use data source: 2006 MECS (with adjustments)  
 Published: August 2010  
 Revisions: July 2011, March 2012

Notes:  
 Feedstock energy not included  
 Energy values <0.5 TBtu shown as 0  
 Values represent aggregate data

\* Onsite, renewable, non-combustion generation contributes 0 TBtu