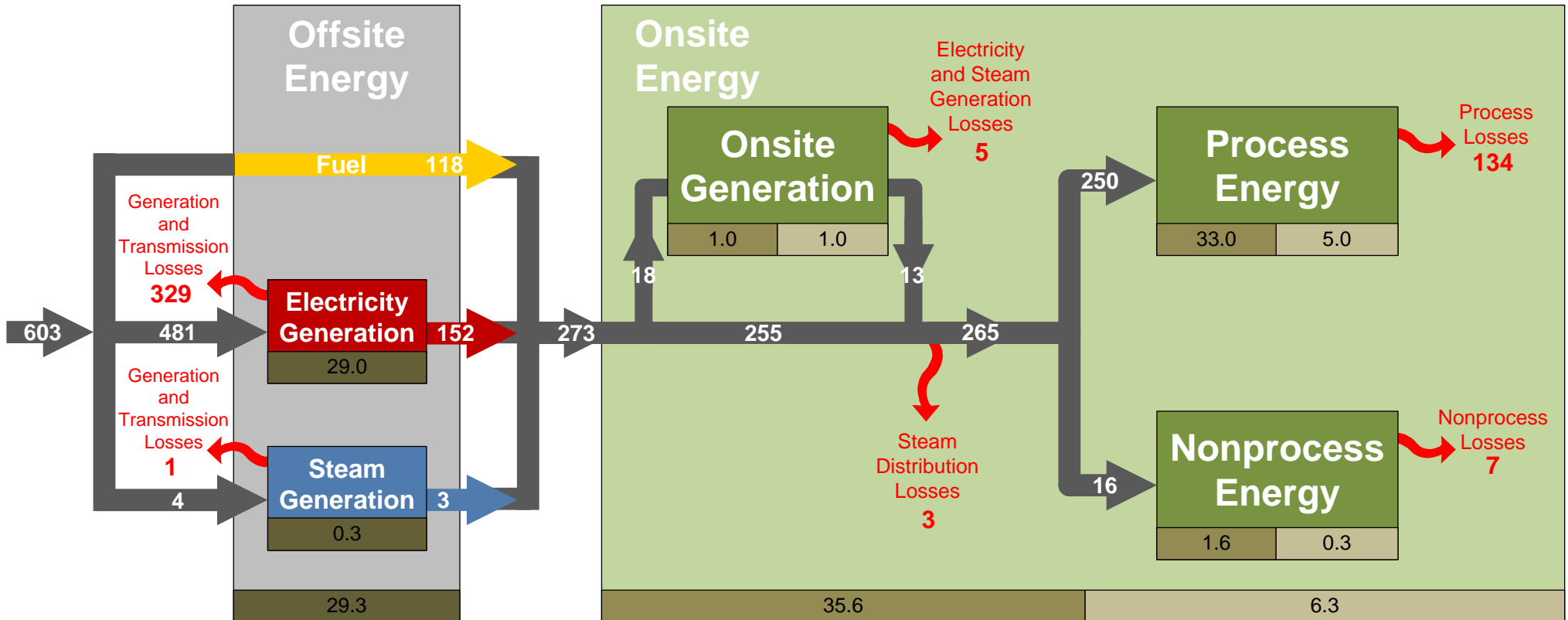


Manufacturing Energy and Carbon Footprint

Sector: Alumina and Aluminum (NAICS 3313)

Total Primary Energy Use: 603 TBtu
 Total Combustion Emissions: 36 MMT CO₂e

Total Energy



Energy Use (TBtu = Trillion British Thermal Units)	Combustion Emissions (MMT CO ₂ e = Million Metric Tons Carbon Dioxide Equivalent)
All Energy	Offsite
Fuel	Total
Electricity	Onsite
Steam	
Losses	

Total Emissions = Offsite Emissions + Onsite Emissions

4 Electricity Export

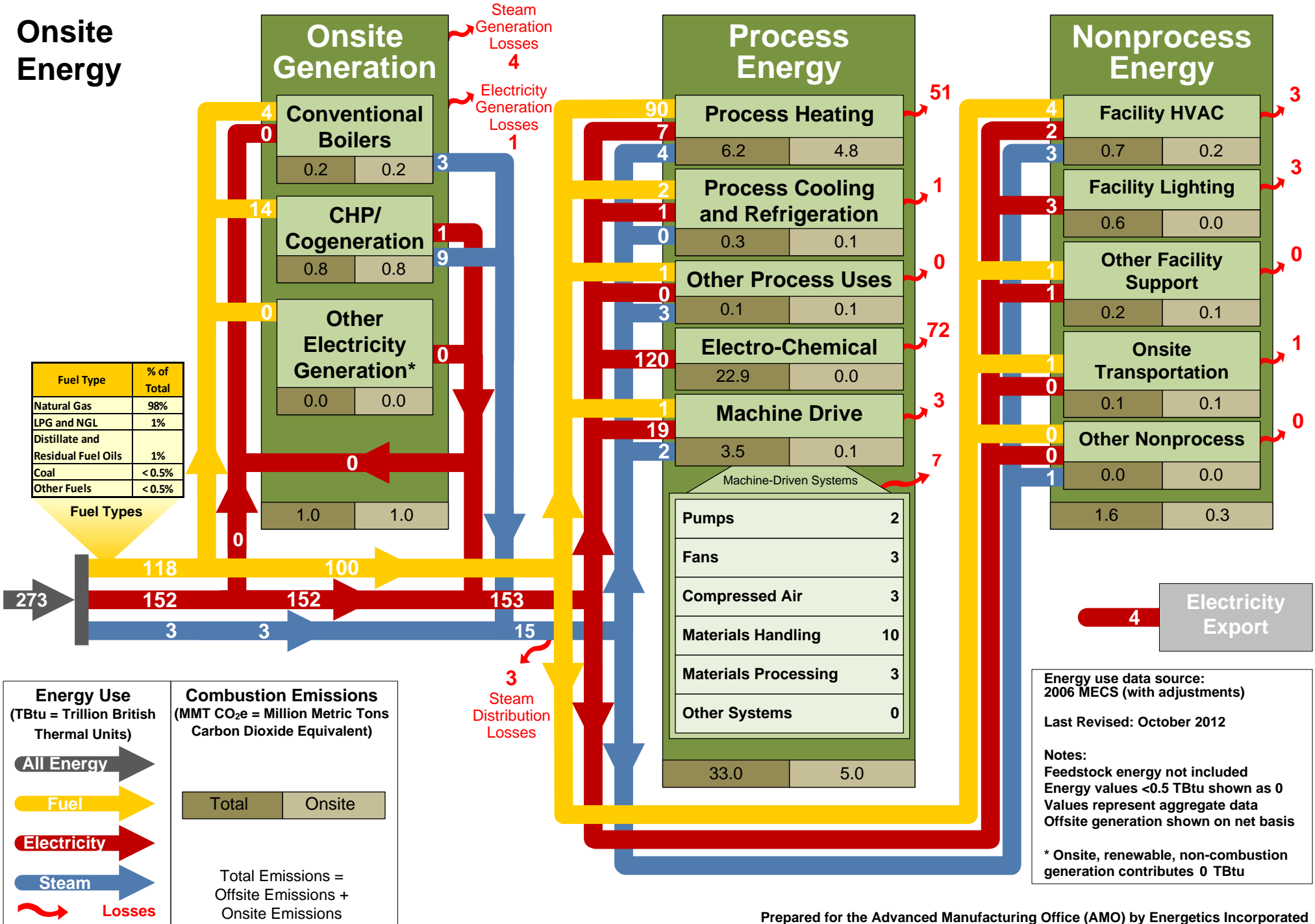
Energy use data source: 2006 MECS (with adjustments)
 Last Revised: October 2012
 Notes: Feedstock energy not included
 Energy values <0.5 TBtu shown as 0
 Values represent aggregate data
 Offsite generation shown on net basis

Manufacturing Energy and Carbon Footprint

Sector: Alumina and Aluminum (NAICS 3313)

Onsite Energy Use: 273 TBtu
 Onsite Combustion Emissions: 6 MMT CO₂e

Onsite Energy



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

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