

Carbon ManagerTM

Carbon Tracking Inputs and Information Requirements

The Carbon Tracking Module measures a company's "carbon footprint" associated with the company's direct and indirect economic activities. The Carbon Tracking requires inputs and information related to your company's operations, energy use and key product purchases in order to measure Greenhouse Gas (GHG) emissions.

The Carbon Tracking is designed to meet certification requirements established by government agencies, standards boards and carbon exchanges.

Inputs required to measure GHG emissions associated with the following emission categories and sources are shown in the table below:

Emission Category- Scope 1	Input Requirements
Stationary, on-site fuel combustion	Volume of fuels burned at company facilities for space heating, process operations or air conditioning
Company Vehicles	For each vehicle class (e.g., trailer, delivery trucks, vans, busses, passenger cars), fuel volumes used by fuel type (preferred); miles driven; dollars spent are acceptable where volumes are not available
Fugitive Refrigerants	Number of company vehicles by type (see above) with air conditioning; air conditioning units by type at company facilities; maintenance records of refrigerants replaced, where available
Emission Category – Scope 2	Input Requirements
Purchased Electricity	Metered electricity used at company facilities that is purchased from a third-party provider and delivered over the electric grid
Purchased Steam or Electricity from Cogeneration	Steam or electricity that is purchased from a third-party provider but delivered directly to one or more of the company's facilities not using the electric grid
Purchased District Cooling	Air conditioning that is purchased from a third-party provider and delivered directly to one or more of the company's facilities
Emission Category – Scope 3	Input Requirements
Company Travel	For air, ship, rail and auto – by transportation mode where available, miles traveled (preferred) while on company business; dollars spent on travel while on company business is acceptable where miles are not available
Employee Commuting	Where specific survey data is not available - Home zip code and place of work zip code for each employee of the company and indication of each employee's status as full-time, part-time, seasonal or temporary
Transmission Losses - Electricity	Same Input Requirement as Purchased Electricity
Transmission Losses - Cogeneration	Same Input Requirement as Purchased Steam or Electricity from Cogeneration
Transmission Losses – District Cooling	Same Input Requirement as District Cooling
Waste	Volume or weight of waste by type (e.g., paper, metals, chemicals, food stuffs) generated by company activities and disposition of each type (e.g., landfill, incinerator, recycle)
Production Inputs	Where available, audited GHG emissions per unit of input; otherwise volume or weight of input used (preferable) or dollar amount spent on input where other measures are not available

To learn more about Carbon ManagerTM, please contact Competitive Energy Services, LLC at 148 Middle St., Suite 506, Portland, ME 04101, by phone at (207) 772-6190 and on the web at www.competitive-energy.com.

