



CARBON AUDITS & CARBON NEUTRAL SHIPPING FOR SUSTAINABLE TRUCKING OPERATIONS



XYZ TRUCKING ESTIMATED CARBON NEUTRAL COST/MILE

\$0.0078/MILE

Carbon Audits provide the baseline and annual metrics required to measure fleet and facility carbon emission reduction performance. Additionally, only a Greenhouse Gas compliant Carbon Audit enables trucking companies to provide accurate carbon reporting to their shippers.

Carbon Neutral Shipping uses carbon audit results and investments in projects that offset carbon emissions (called Carbon Offsets) to calculate and certify a per mile cost shippers could pay to ship their freight Carbon Neutral. UPS, FedEx, Brown Trucking, DHL and a growing list of other sustainability leaders from the transportation industry already offer Carbon Neutral Shipping to their customers.

Using your company's 2011 SmartWay calculated CO2 Midpoint Grams/Total Mile*, GreenWay Miles estimated the XYZ Trucking Carbon Footprint at 2,386.4 Total Grams of Carbon/Tendered Mile and Carbon Neutral shipping cost at \$0.0078/Tendered Mile. Assumptions and calculations are explained in the table below.

Estimate of Carbon Neutral Shipping Cost/Mile for XYZ Trucking			
Line	Assumptions/Notes		Calculations
a	Note 1	XYZ Trucking 2011 SmartWay Calculated Midpoint CO2/per Total Mile	1,750.0
b	Assumption	XYZ Trucking Loaded Mile Percentage	88%
c	<i>Calculation</i>	Grams of CO2/Tendered Mile (Fleet Emissions Only)	1,988.6 a/b
d	Assumption/Note 2	Non-fleet Emissions Percentage of Grams of CO2/Tendered Mile	20%
e	<i>Calculation</i>	Total Grams of CO2/Tendered Mile (Total Carbon Footprint)	2,386.4 c+(d X c)
f	<i>Relationship</i>	Grams of Carbon/Metric Ton (one offset neutralizes 1 Metric Ton of Carbon)	1,000,000
g	<i>Calculation</i>	Miles 'neutralized' with each Carbon Offset	419.0 g/f
h	<i>Current Pricing/Note 3</i>	Cost of one Carbon Offset (Pricing subject to change based on market conditions)	\$3.25
i	<i>Calculation</i>	Estimated Cost per Tendered Mile to Ship Carbon Neutral with XYZ Trucking	\$0.0078 h/g
	Note 1	<i>Carbon Audit required to calculate actual - not midpoint - Grams of CO2/ Total Mile</i>	
	Note 2	<i>Non-fleet emissions includes facility & service vehicle emissions. Required for GhG protocol compliant Total Grams of CO2/Mile Calculation.</i>	
	Note 3	<i>Based on Valley Wood Inc. Carbon Offsets - listed on Chicago Climate Exchange - 10/2012</i>	

* Note: SmartWay CO2 midpoint emission reporting is not a trucking company's carbon footprint. Greenhouse Gas (GhG) protocol requires that CO2 emissions from facilities and service vehicles owned/controlled by the company be included in the calculation. A full, GhG protocol compliant fleet and facility carbon audit is required to calculate Carbon Neutral Cost/Mile. GreenWay Miles Carbon Audits comply with the strict standards of GhG protocol.

How Carbon Audits & Carbon Neutral Shipping Works

 <p><i>Sustainability Solutions for the Logistics Industry</i></p>	<p style="text-align: center;">Step 1 Annual Carbon Audits</p>	<p>Carbon Audits, to be Greenhouse Gas (GhG) compliant, must include both fleet and facility emissions. Facility Emissions include energy usage at buildings owned and/or controlled by a company and emissions from fuel used in service vehicles. GreenWay Miles Carbon Audits are 100% GhG compliant.</p> <p>Carbon Audits enable accurate, GhG compliant, carbon reporting to your shippers. Additionally, audits provide the baseline and annual metrics needed to measure the success of carbon reduction programs.</p>
<div style="border: 2px solid yellow; padding: 5px; text-align: center;"> <p><i>Grams of Carbon per Tendered Mile</i></p> </div>	<p style="text-align: center;">Step 2 Certified 'Grams of Carbon per Tendered Mile' Metric</p>	<p>Each GreenWay Miles Carbon Audit calculates and certifies a trucking company's specific 'Grams of Carbon per Tendered Mile' using audit results and total and loaded miles for the period audited.</p> <p>Our Grams Of Carbon per Tendered Mile calculation allows trucking companies to provide shippers accurate carbon reporting based on their complete carbon footprint (fleet & facility emissions). Note: SmartWay midpoint reporting is not a complete carbon footprint (does not include facility emissions).</p>
	<p style="text-align: center;">Step 3 Review Pricing and Select Carbon Offsets</p>	<p>A Carbon Offset is an investment in a project that eliminates or prevents 1 metric ton (1,000,000 grams) of CO2 from entering the atmosphere. Examples include windmills that generate electricity replacing the need to burn fossil fuels and forestation projects that increase the number of trees that remove CO2 from the atmosphere. There are many types of carbon offsets available and costs can vary greatly.</p>
	<p style="text-align: center;">Step 4 Certify Carbon Neutral Cost per Mile</p>	<p>Once the offset is selected and priced, GreenWay Miles calculates and certifies an individual trucking company's Carbon Neutral Cost per Tendered Mile. This is the per mile cost a shipper could pay to ship Carbon Neutral with a specific trucking company.</p>
<div style="border: 1px solid green; padding: 5px;"> <p>Green Trucking Company</p> <ul style="list-style-type: none"> + Annual Carbon Audits + Carbon Neutral Shipping + Accurate Carbon Reporting + Drivers Trained in Sustainability + Formal Sustainability Plan <p style="color: green; font-style: italic;"><i>Sales & Marketing</i></p> </div>	<p style="text-align: center;">Step 5 Market Carbon Neutral Shipping</p>	<p>Securing a GreenWay Miles Carbon Audit is a great opportunity to market your Green Leadership:</p> <ul style="list-style-type: none"> You can provide shippers accurate, complete, GhG protocol compliant Carbon Reporting Shippers will have the ability to ship Carbon Neutral with your organization Your company can provide Shippers bids on a Carbon Neutral basis <p>Optional Green Activities that also provide excellent marketing opportunities:</p> <ul style="list-style-type: none"> GreenWay Miles Driver Sustainability Training that reduces emissions & fuel consumption Develop Formal Sustainability Plans that define activities and goals for reducing carbon emissions, eliminating waste, recycling and protecting water streams from harmful runoffs



To Learn More about Carbon Audits & Carbon Neutral Shipping:

Joe White
 CEO-GreenWay Miles
 404.542.3761
JoeWhite@GreenWayMiles.com
www.GreenWayMiles.com