

About This Report

BlueWind is one of the leading manufacturers of composite nacelle covers for wind turbines in the United States, operating from its Pensacola, Florida, facility. This report presents BlueWind's greenhouse gas (GHG) emissions inventory for the 2024–2025 reporting cycle, prepared in accordance with the GHG Protocol Corporate Accounting and Reporting Standard. Publication of this report fulfills BlueWind's commitment to transparency regarding climate-related performance and supports our obligations under the Ecovadis sustainability assessment.

This document is intended for external stakeholders, including customers, suppliers, investors, and sustainability assessment platforms. Data covers Scope 1 and Scope 2 emissions from BlueWind's Pensacola manufacturing operations.

Methodology & Boundaries

Item	Detail
Standard	GHG Protocol Corporate Standard (WRI/WBCSD)
Boundary	Operational control — Pensacola Facility (7502 Sears Blvd, FL 32514)
Consolidation	Operational control approach
GWP Values	IPCC AR5 100-year Global Warming Potentials
Base Year	2024 (first complete inventory year)
Verification	Internal review; external assurance planned 2026–2027

GHG Emissions Inventory — Results

Emission Category	Source	2024 (tCO ₂ e)	2025 (tCO ₂ e)	Trend
Scope 1 - Direct	Company vehicles (diesel/gasoline)	47.43*	38.75*	▼ 18.3%
Scope 2 - Indirect	Purchased electricity (market-based)	560.70*	582.90*	▲ 3.9%
Scope 2 - Indirect	Purchased electricity (location-based)	549.19*	570.86*	▲ 3.9%
Scope 1+2 Intensity	tCO ₂ e per nacelle produced	≤0.97 target	0.60	▼ 38.1%

* Scope 1 (diesel and gasoline) and Scope 2 location-based electricity figures are derived from internal monitoring data, internally reviewed, and pending the external assurance planned for 2026–2027. BlueWind Technology does not currently purchase contractual instruments (such as I-RECs or green tariffs). Consistent with the GHG Protocol Scope 2 Guidance, Scope 2 market-based emissions are therefore calculated by applying the residual mix emissions factor for eGRID subregion FRCC (Florida), as published annually in the Green-e® Residual Mix Emissions Rates (Center for Resource Solutions); this factor is approximately 2.1% higher than the location-based grid-average factor for the same subregion, which is reflected in the market-based figures above. The increase in absolute Scope 2 emissions in 2025 reflects higher production volumes; electricity intensity per nacelle improved by 33.9% over the same period. Styrene process emissions are excluded from this GHG inventory: styrene is not one of the seven gases covered by the GHG Protocol / Kyoto Protocol (CO₂, CH₄, N₂O, HFCs, PFCs, SF₆, NF₃), and the IPCC has not published a 100-year GWP value for it, so no GHG Protocol-compliant tCO₂e conversion exists for this substance. Styrene is instead reported as a Volatile Organic Compound (VOC) / Hazardous Air Pollutant (HAP) indicator under the Clean Air Act (TRI program / NESHAP for Reinforced Plastic Composites) — see “Air Emissions Indicator — Styrene (VOC/HAP, Non-GHG)” below.

Air Emissions Indicator — Styrene (VOC/HAP, Non-GHG)

Styrene is a Volatile Organic Compound (VOC) and Hazardous Air Pollutant (HAP) regulated under the Clean Air Act, reported to the EPA via the Toxic Release Inventory (TRI) program, and subject to NESHAP requirements for Reinforced Plastic Composites, the process category covering BlueWind's gelcoat/resin operations. It is not one of the seven gases covered by the GHG Protocol/Kyoto Protocol,

and the IPCC has not published a 100-year GWP for it; it is therefore tracked here as an air-emissions performance indicator, separate from the Scope 1/2 GHG inventory above.

Indicator	RY2024	RY2025	Trend
Styrene emissions — TRI Form R (lbs)	44,550	60,810	▲ 36.5%
Styrene intensity (lbs./nacelle)	72.68	60.09	▼ 17.3%
Production volume (nacelles)	613	1,012	—

Source: TRI Form R filings, TRI Facility ID 3251WBLWND75SEA (RY2024, RY2025). RY2025 data (60,810 lbs; CAS 100425) certified and filed with the EPA on 2026-07-09 by Henry Kelley, President. The RY2025 absolute increase exceeded BlueWind's own RY2024-filed projection for RY2025 (45,000 lbs) by 35.1%, driven by production volume nearly doubling; per-nacelle intensity nonetheless improved 17.3%. The RY2025 Form R (Section 8.11) documents a planned source-reduction action: substitution to a low-styrene gelcoat beginning in 2026.

Emission Reduction Targets

Scope	Target	Deadline	Status
Scope 3 (absolute)	Scope 3 boundary and 2024 baseline to be defined in 2027; reduction target to be set following baseline completion	Q1 2027	Planned
Scope 1+2 intensity	≤0.97 tCO ₂ e per nacelle, fuel + electricity basis (Scope 1+2 combined, per GHG Protocol boundary; 2024 baseline). Maintain year-on-year reduction (2025: 0.60, a 38.1% improvement). Styrene process emissions are reported separately as a VOC/TRI indicator (see “Air Emissions Indicator — Styrene”).	Ongoing	✓ Tracking
Scope 1 absolute	Absolute target to be formalized (2024 baseline: 47.43 tCO ₂ e, mobile combustion only, per GHG Protocol boundary)	Q1 2027	Planned
Scope 1 efficiency	Diesel: 5% reduction from 2024 baseline (2,940.62 → ≤2,794 gal)	2028	Planned
Scope 1 efficiency	Gasoline: ~21% reduction from 2024 baseline (1,982.59 → ≤1,560 gal), supported by EV/golf-cart electrification initiatives	2028	Planned
Scope 2 absolute	5% absolute reduction vs. 2024 baseline (549.2 → ≤521.7 tCO ₂ e)	2030	Committed
SBTi alignment	Directional alignment with 1.5°C pathway	Q1 2027	In progress

BlueWind's primary pathway to achieving its absolute Scope 2 reduction target (5% by 2030, 2024 baseline) is the planned relocation of all manufacturing operations to a new facility in 2028, incorporating renewable energy solutions as outlined in BWT-POL-03. As this transition is expected to be complete two years ahead of the 2030 target deadline and involves a full relocation of operations

rather than an incremental addition, BlueWind anticipates being well-positioned to meet and potentially exceed this target.

Regulatory Compliance & Permits

Permit / Program	Reference No.	Authority	Validity	Status
Title V Air Operation Permit	0330301-003-AV	FDEP	Aug 2023 – Aug 2028	Active
Minor Air Construction Permit (Production Increase & New Emission Unit)	0330301-004-AC	FDEP	Issued Dec 2025 – Expires Dec 2027	Active
No Exposure Certification (NPDES)	FLRNEF830-001	FDEP	Jul 2022 – Jun 2027	Active
TRI Reporting (Styrene)	3251WBLWND75SEA	EPA	Annual	Compliant
Tier II Chemical Inventory	Facility ID 7708723	EPCRA	Annual	Compliant

External Commitments & Endorsements

BlueWind formally endorses and commits to the following external frameworks and principles, as documented in the CEO Sustainability Commitment Letter (BWT-LTR-01 REV 00):

- UN Global Compact — Ten Principles (Human Rights, Labor, Environment, Anti-Corruption)
- ILO Core Conventions (Conventions 29, 87, 98, 100, 105, 111, 138, 182) on forced and child labor, freedom of association, and collective bargaining
- Clean Air Act (CAA) compliance via Title V Air Operation Permit
- GHG Protocol Corporate Standard for emissions accounting
- Directional alignment with the Science Based Targets initiative (SBTi) 1.5°C pathway

Roadmap — Upcoming Milestones

Timeline	Action
Q3 - 2026	Submit SBTi Commitment Letter (formal registration)
Q3 2026	Annual GHG Inventory update — full year 2025 data finalized
2026	The formalization of the absolute 5% Scope 2 reduction target
2027	Define the Scope 3 boundary and establish the 2027 baseline
2027	Engage an external assurance provider for GHG report verification
2030	<i>Achieve Scope 3 reduction target (target and baseline to be defined in 2027)</i>