



## ANNUAL GHG INVENTORY RESULTS

### 1. GHG Emissions

#### GHG Emissions Summary (metric tons CO<sub>2</sub>e)

	2018	2019	2020	2021	2022	2023	2024
Scope 1	14,199	11,784	10,340	11,803	12,343	10,143	9,302
Scope 2 <sup>1</sup>	73,367	56,318	45,161	43,205	45,476	43,344	38,908
<b>Total Scope 1&amp;2</b>	<b>87,566</b>	<b>68,102</b>	<b>55,501</b>	<b>55,008</b>	<b>57,819</b>	<b>53,488</b>	<b>48,210</b>

#### Scope 1 GHG Emissions Breakdown (metric tons CO<sub>2</sub>e)

Emissions Category	2018	2019	2020	2021	2022	2023	2023
Stationary Combustion	9,599	7,257	7,263	7,453	7,849	6,603	6,513
Mobile Combustion	3,393	3,314	1,759	3,029	3,069	2,178	1,477
Refrigerants	1,207	1,214	1,318	1,322	1,425	1,362	1,312
<b>Total Scope 1</b>	<b>14,199</b>	<b>11,784</b>	<b>10,340</b>	<b>11,803</b>	<b>12,343</b>	<b>10,143</b>	<b>9,302</b>

#### Scope 2 GHG Emissions Breakdown (metric tons CO<sub>2</sub>e)

Emissions Category	2018	2019	2020	2021	2022	2023	2024
Electricity	73,288	56,258	45,129	43,170	45,436	43,306	38,879
Chilled Water	79	60	32	35	39	39	29
<b>Total Scope 2</b>	<b>73,367</b>	<b>56,318</b>	<b>45,161</b>	<b>43,205</b>	<b>45,476</b>	<b>43,344</b>	<b>38,908</b>

#### Scope 1&2 GHG Emissions Breakdown by Region (metric tons CO<sub>2</sub>e)

Emissions Category	2018	2019	2020	2021	2022	2023	2024
North America	86,308	66,951	54,432	53,848	55,289	51,081	45,764
Central America	487	827	434	376	1,271	1,292	1,372
Eastern Asia	770	224	634	784	1,259	1,115	1,074
<b>Total Scope 1&amp;2</b>	<b>87,566</b>	<b>68,102</b>	<b>55,501</b>	<b>55,008</b>	<b>57,819</b>	<b>53,488</b>	<b>48,210</b>

Scope 3 Emissions Breakdown (metric tons CO <sub>2</sub> e) <sup>2</sup>						
Emissions Category	2018	2020	2021	2022	2023	2024
Purchased Goods and Services	1,280,000	1,075,000	1,240,000	1,237,000	1,195,270	1,368,000
Capital Goods	31,600	29,200	46,6000	59,200	32,400	29,500
Fuel and Energy - Related Activities	13,900	9,000	12,000	11,300	12,000	11,700
Upstream Transportation and Distribution	162,400	78,000	150,400	64,900	126,000	168,000
Waste Generated in Operations	50,800	49,000	30,000	29,000	38,000	39,000
Business Travel	4,800	1,000	2,000	5,000	6,700	2,500
Employee Communiting	29,200	14,500	23,600	26,100	26,000	26,900
Downstream Transportation and Distribution	3,600	3,300	6,400	5,900	7,000	7,500
Use of Sold Products	2,012,000	1,861,000	2,171,000	2,172,000	2,153,000	2,381,000
End-of-Life Treatment of Sold Products	35,400	90,000	38,000	38,000	38,000	42,000
Franchises	13,600	19,000	19,000	20,000	37,000	41,000
<b>Total Scope 3</b>	<b>3,636,808</b>	<b>3,229,000</b>	<b>3,739,000</b>	<b>3,663,400</b>	<b>3,671,408</b>	<b>4,118,148</b>

2. Energy/Electricity (kWh)							
	2018	2019	2020	2021	2022	2023	2024
Total Energy Use	227,683,387	245,005,798	191,173,198	200,698,914	206,570,708	194,101,976	193,847,369
Total Electricity Consumption <sup>3</sup>	173,733,942	164,067,700	151,137,780	159,606,616	163,519,206	157,765,291	158,097,875

Energy Use by Facility Type (kWh)							
Facility Type	2018	2019	2020	2021	2022	2023	2024
Store	98,065,143	98,325,051	83,085,906	89,490,219	94,453,702	91,017,793	90,680,134
Warehouse	68,847,367	65,625,267	68,514,071	68,466,240	68,299,996	62,722,570	59,314,272
Outlet	25,053,027	43,942,320	23,970,374	27,246,362	28,391,217	26,755,079	26,651,064
Office	31,664,144	33,251,604	12,094,085	12,128,325	12,174,224	10,660,171	14,364,011
Data Center	4,053,705	3,861,556	3,508,763	3,367,768	3,251,570	2,946,364	2,837,888
<b>Total</b>	<b>227,683,387</b>	<b>245,005,798</b>	<b>191,173,198</b>	<b>200,698,914</b>	<b>206,570,708</b>	<b>194,101,976</b>	<b>193,847,369</b>

Total Renewable Energy Use (kWh)								
Facility Type	2018		2019		2020		2021	
	Total Energy Use (kWh)	%	Total Energy Use (kWh)	%	Total Energy Use (kWh)	%	Total Energy Use (kWh)	%
Renewable Energy	2,802,057	2%	30,075,123	18%	32,416,471	21%	39,903,127	25%
Non-Renewable Energy	171,931,885	98%	133,992,577	82%	118,721,308	79%	119,703,489	75%
Facility Type	2022		2023		2024			
	Total Energy Use (kWh)	%	Total Energy Use (kWh)	%	Total Energy Use (kWh)	%		
Renewable Energy	37,502,300	23%	35,404,459	22%	37,953,036	24%		
Non-Renewable Energy	126,016,906	77%	122,360,832	78%	120,144,839	76%		

Renewable Energy <sup>4</sup> by Facility Type (kWh)							
Facility Type	2018	2019	2020	2021	2022	2023	2024
Store	189,413	5,357,704	7,214,12	12,996,189	11,370,376	11,079,299	10,924,858
Warehouse	13,226	12,980,736	12,914,266	13,177,805	12,856,068	12,356,963	14,433,643
Outlet	63,081	1,124,025	1,806,295	3,581,129	3,078,915	2,663,085	3,075,780
Office	2,536,337	6,790,364	7,014,544	6,843,054	7,006,053	6,406,507	6,732,787
Data Center	0	3,822,294	3,467,245	3,304,949	3,190,889	2,898,605	2,785,968
<b>Total</b>	<b>2,802,057</b>	<b>30,075,123</b>	<b>32,416,471</b>	<b>39,903,127</b>	<b>37,502,300</b>	<b>35,404,459</b>	<b>37,953,036</b>

Average Energy Use/Normalized Electrical Power Usage (kWh/sqft)							
	2018	2019	2020	2021	2022	2023	2024
Average Energy Use	18.5	18.2	14.3	16.4	14.7	13.8	13.0

3. Fleet Fuel Consumption (gallons)							
Fuel Summary	2018	2019	2020	2021	2022	2023	2024
Total Fleet <sup>5</sup>	93,993	118,988	83,530	70,889	97,364	87,741	80,313

Footnotes:

<sup>1</sup> Scope 2 emissions are calculated using the market-based approach, which allows us to account for renewable energy in our footprint

<sup>2</sup> In 2020 we completed a re-baseline of our scope 3 emissions. We also completed calculations for three new categories.

<sup>3</sup> All electricity purchased and consumed from the grid

<sup>4</sup> All renewable energy are purchased Green-e Certified renewable energy credits (RECs) for facilities in Connecticut, Illinois, Maryland, Massachusetts, New Jersey, New York, Ohio, Pennsylvania, and Texas

<sup>5</sup> All fuels are from non-renewable sources

## ADDITIONAL SUPPLY CHAIN DATA

### 1. Coal Phase Out

Number of suppliers using coal in Tier 1 & 2 in 2024

Country	Number of Suppliers
Cambodia	1
China	9
India	4
Indonesia	6
Pakistan	2
Vietnam	8
<b>Total</b>	<b>30</b>

### Current Progress through December 2024:

- 7 suppliers have already phased out coal by using alternative energy sources including natural gas, biomass and onsite solar energy. Since 2021, a total of 16 facilities have successfully completed the phase-out of coal.
- 11 suppliers have started phasing out coal by using alternative fuels. They are trying to use less % of coal for onsite steam generation.
- 12 suppliers are still working on phase out plans and looking for alternative fuels available in their market

### Barriers for coal phase-out:

- Unavailability / unstable supply of alternative energy (e.g. natural gas, biomass)
- Investment required for new boilers
- Lack of space for new boilers and related equipment
- Cost increase due to fuel switch and maintenance cost

### 2. Scope 3 Breakdowns

Scope 3 Emissions Breakdown by Country  
(T1 Suppliers only) (metric tons CO<sub>2</sub>e)<sup>1</sup>

Country	2024
Bangladesh	47,385
Cambodia	3,270
China	17,932
India	5,585
Indonesia	7,209
Jordan	4,823
Pakistan	2,594
Thailand	761
Vietnam	34,507
Others	955
<b>Total</b>	<b>125,022</b>

Supply Chain Breakdown by Energy Source (Energy & Emission Portfolio (Only applicable for facilities with available Higg data) T1 Suppliers only)				
Energy Source	Energy Consumption (MJ)	Percentage of Total Energy	Emissions (metric tons CO2e)	Percentage of Total Emissions
Coal	190,892,056	11%	17,107	14%
Biomass	263,528,657	15%	786	1%
Biodiesel	1,711	0%	0	0%
Natural Gas	723,725,075	42%	37,081	30%
Fuel Oil	88,910,484	5%	6,354	5%-
Renewable	422	0%	0	0%
Electricity	361,048,347	21%	58,011	46%
Steam	113,948,894	7%	5,683	5%
<b>Total</b>	<b>1,742,055,646</b>	<b>100%</b>	<b>125,022</b>	<b>100%</b>

Energy Consumption by Country and Energy Source (Only applicable for facilities with available Higg data) T1 Suppliers only)								
Energy Source	Coal	Biomass	Biodiesel	Natural Gas	Fuel Oil	Renewable	Electricity	Purchased Steam
Bangladesh	0%	0%	0%	84%	3%	0%	13%	0%
Cambodia	0%	42%	0%	0%	7%	0%	33%	17%
China	0%	11%	0%	25%	3%	3%	22%	36%
India	0%	51%	0%	18%	3%	5%	22%	2%
Indonesia	73%	4%	0%	0%	0%	2%	20%	0%
Jordan	0%	0%	0%	1%	73%	3%	23%	0%
Pakistan	0%	1%	0%	84%	3%	3%	8%	1%
Thailand	0%	0%	0%	0%	0%	0%	100%	0%
Vietnam	32%	35%	0%	0%	1%	1%	28%	2%

Footnotes:

<sup>1</sup> Emissions are location-based



## VERIFICATION OPINION DECLARATION GREENHOUSE GAS EMISSIONS

### To: The Stakeholders of American Eagle Outfitters, Inc.:

Apex Companies, LLC (Apex) was engaged to conduct an independent verification of the greenhouse gas (GHG) emissions reported by American Eagle Outfitters, Inc. (AEO) for the period stated below. This verification declaration applies to the related information included within the scope of work described below.

The determination of the GHG emissions is the sole responsibility of AEO. AEO is responsible for the preparation and fair presentation of the GHG emissions statement in accordance with the criteria. Apex's sole responsibility was to provide independent verification on the accuracy of the GHG emissions reported and on the underlying systems and processes used to collect, analyze and review the information. Apex is responsible for expressing an opinion on the GHG emissions statement based on the verification. Verification activities applied in a limited level of assurance verification are less extensive in nature, timing, and extent than in a reasonable level of assurance verification.

### Boundaries of the reporting company GHG emissions covered by the verification:

- Operational Control
- Worldwide

**Type of GHGs:** CO<sub>2</sub>, N<sub>2</sub>O, CH<sub>4</sub>, HFCs

### GHG Emissions Statement:

- **Scope 1:** 9,302 metric tons of CO<sub>2</sub> equivalent
- **Scope 2 (Location-Based):** 51,677 metric tons of CO<sub>2</sub> equivalent
- **Scope 2 (Market-Based):** 38,908 metric tons of CO<sub>2</sub> equivalent
- **Scope 3 Use of Sold Products:** 2,381,000 metric tons of CO<sub>2</sub> equivalent

Data and information supporting the Scope 1 and Scope 2 GHG emissions statement were in most cases historical in nature, but in some cases estimated.

Data and information supporting the Scope 3 GHG emissions statement were in most cases estimated rather than historical in nature.

### AEO Global Warming Potential (GWP) and emission factor data sets:

- GWP: Intergovernmental Panel on Climate Change (IPCC) Fifth Assessment Report (AR-5)
- United States Environmental Protection Agency (USEPA) Emissions & Generation Resource Integrated Database (eGRID) (2023 data), June 12, 2025
- USEPA Emission Factor Hub, 2025
- Canada, National Inventory Report 1990-2022, Annex 13, released 2024

### Period covered by GHG emissions verification:

- February 1, 2024 to January 31, 2025

### Criteria against which verification was conducted:

- World Resources Institute (WRI)/World Business Council for Sustainable Development (WBCSD) GHG

### Protocol Corporate Accounting and Reporting Standard (Scope 1 and 2)

- WRI/WBCSD GHG Protocol Corporate Value Chain Accounting and Reporting Standard (Scope 3)

### Reference Standard:

- ISO 14064-3 Second Edition 2019-04: Greenhouse gases -- Part 3: Specification with guidance for the verification and validation of greenhouse gas statements

### Level of Assurance and Qualifications:

- Limited
- This verification used a materiality threshold of ±5% for aggregate errors in sampled data for each of the above indicators

### GHG Emissions Verification Methodology:

Evidence-gathering procedures included but were not limited to:

- Interviews with relevant personnel of AEO;
- Review of documentary evidence produced by AEO;
- Review of AEO data and information systems and methodology for collection, aggregation, analysis and review of information used to determine GHG emissions;
- Review of data and methodology for tracking purchases, certification and retirement of RECs; and
- Audit of sample of data used by AEO to determine GHG emissions.

**Verification Opinion:**

Based on the process and procedures conducted, there is no evidence that the GHG emissions statement shown above:

- is not materially correct and is not a fair representation of the GHG emissions data and information; and
- has not been prepared in accordance with the WRI/WBCSD GHG Protocol Corporate Accounting and Reporting Standard (Scope 1 and 2), and WRI/WBCSD GHG Protocol Corporate Value Chain Accounting and Reporting Standard (Scope 3).

It is our opinion that AEO has established appropriate systems for the collection, aggregation and analysis of quantitative data for determination of these GHG emissions for the stated period and boundaries.

**Statement of independence, impartiality and competence**

Apex is an independent professional services company that specializes in Health, Safety, Social and Environmental management services including assurance with over 30 years history in providing these services. No member of the verification team has a business relationship with AEO, its Directors or Managers beyond that required of this assignment. We conducted this verification independently and to our knowledge there has been no conflict of interest. Apex has implemented a Code of Ethics across the business to maintain high ethical standards among staff in their day-to-day business activities. The verification team has extensive experience in conducting assurance over environmental, social, ethical and health and safety information, systems and processes, has over 20 years combined experience in this field and an excellent understanding of Apex's standard methodology for the verification of greenhouse gas emissions data.



Jessica Jacobs, Lead Verifier  
ESG Program Manager  
Apex Companies, LLC Apex Companies, LLC  
Cincinnati, Ohio



Trevor Donaghu, Technical Reviewer  
ESG Director  
Apex Companies, LLC  
Pleasant Hill, California

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July 10, 2025

This verification opinion declaration, including the opinion expressed herein, is provided to American Eagle Outfitters, Inc. and is solely for the benefit of American Eagle Outfitters, Inc. in accordance with the terms of our agreement. We consent to the release of this declaration to the public or other organizations, but without accepting or assuming any responsibility or liability on our part to any other party who may have access to this declaration.