

CALIFORNIA DISCLOSURES AND TRANSPARENCY

CA AB-1305

2023 Carbon Reporting



Summary

In 2023, Black & Veatch Corporation's (BV) market-based Scope 1 and 2 emissions declined by 43 percent and BV's overall market-based greenhouse gas (GHG) emissions decreased by 31 percent. Location-based Scope 1 and 2 emissions declined by 11 percent and overall location-based GHG emissions decreased by 7 percent.¹

Key drivers in the decrease of Scope 1 and 2 emissions were reductions in leased real estate and the purchase of renewable energy certificates (RECs). Absolute emissions from purchased electricity declined by 10 percent and absolute emissions from purchased heating declined by 24 percent. Market-based emissions decreased by 70 percent using renewable power and the purchase of RECs. Details of REC purchases are outlined below.

In addition to reductions in location and market-based Scope 2 emissions, the overall decline in GHG emissions was also driven by a decrease in Scope 3 business travel emissions, attributable to reductions in business travel. Air travel related emissions declined by 40 percent and hotel stay emissions declined by 37 percent.

Renewable Energy Certificates

North American Renewables Registry RECs

- (a) APX, Inc via North American Renewables Registry™ retired 6,838 RECs on behalf of Black & Veatch on March 26, 2024, for audit year 2023; these are environmental benefits from wind projects held by Kansas City Power & Light.
- (b) N/A
- (c-d) Renewable energy certificates are derived from the Soldier Creek Wind Energy Center, a 300 megawatt wind farm in north central Kansas, and Ponderosa Wind Energy Center, a 200 megawatt wind farm in Oklahoma.
- (e) North American & Renewable Registry meets RE100 best practices guidelines and CDP standard for procuring and reporting purchases of renewable energy. Black & Veatch applies the Greenhouse Gas Protocol to estimate emissions reductions related to this REC purchase.
- (f) Green-e® Energy Standard
- (g) N/A

¹ All changes in emissions referenced at relative to BV's 2019 baseline.

3Degrees RECs

(a) 3Degrees Group, Inc. retired 13,500 RECs on behalf of BV's for audit year 2023.

(b-d,f)

Provider ID Number	Facility Name & State	Facility ID Number	Fuel Type	# MWhs RECs Purchased	Period of Generation	Green-e® Energy Certified
295953	Helena Wind (TX)	N/A	Wind	6,396	01-Jan-2023 – 31-March-2023	Yes
295954	Callahan Divide Wind Energy Center (TX)	56270	Wind	7,104	01-Jan-2023 – 31-March-2023	Yes

(e) North American & Renewable Registry meets RE100 best practices guidelines and CDP standard for procuring and reporting purchases of renewable energy. BV applies the Greenhouse Gas Protocol to estimate emissions reductions related to this REC purchase.

(g) N/A