

June 2, 2026

Knoxville Utilities Board's CY2025 as-delivered CO₂ emission rate for standard service customers is 726.58 CO₂ lbs/MWh. This rate includes a reduction of 2.38 percent due to TVA's renewable energy credit (REC) adjustment. **Additionally, Knoxville Utilities Board has retired its bundled REC purchases on behalf of our customers, further lowering the rate to 683.43 CO₂ lbs/MWh.**

This rate includes generation from owned and purchased power and is comprised of:

- 32.496% natural gas,
- 16.647% coal,
- 0.003% diesel,
- 9.249% hydroelectric,
- 32.235% nuclear,
- 5.954% renewables (1.258% wind, 2.853% solar, 1.701% biomass, 0.000% biogas and 0.142% landfill gas), and the remainder is
- 3.415% null power (includes REC-encumbered renewable sources that have not yet been retired to the generation mix or sold).

Consistent with generally accepted voluntary carbon accounting standards and in response to customer requests, actual CO₂ emissions have been allocated to customers in the same manner as costs. TVA does not create or transfer RECs from any of its hydroelectric resources; therefore, consistent with CDP guidance, the hydroelectric portion included in this disclosure may be reported to CDP as renewable energy.

For disclosure of customer CO₂ rates for commercial and industrial customers appropriate for formal carbon accounting purposes, please contact us directly.

Note: Your company's reporting situation may still require you to quantify a full Scope 2 inventory associated with your electricity use (carbon dioxide equivalent, or CO₂e). Please contact us if you need assistance in determining your CO₂e. TVA prevents double-counting customer-owned RECs by excluding them from its generation (residual) mix. Only TVA-owned RECs retired to the generation mix along with confirmed RECs retired on your behalf are reflected in the calculated CO₂ rate provided to you.