

KNOXVILLE UTILITIES BOARD – 2021 RECOMMENDED WEBSITE TEXT FOR CY2020 SCOPE 2 CO₂ RATE

Recommended LPC website text for CY2020 LPC standard service disclosure:

April 15, 2021

Knoxville Utilities Board CY2020 as-delivered CO₂ emission rate average for our non-commercial and non-industrial customers is 575.09 CO₂ lbs/MWh. The CO₂ rates disclosed reflect TVA's CY2020 renewable energy credit adjustment, which resulted in a reduction of 5.39 percent in its as-delivered CO₂ lbs/MWh rate. Consistent with generally accepted voluntary carbon accounting standards and in response to customer requests, actual CO₂ emissions have been annually allocated to customers in the same manner as costs.

Knoxville Utilities Board is a TVA-served local power company. CY2020 CO₂ lbs/MWh rate includes TVA emissions and generation from owned and purchased power. TVA does not create or transfer RECs from any of its hydroelectric sources. Therefore, consistent with CDP guidance, any hydroelectric energy percentage disclosed by TVA in this disclosure letter can also be reported as renewable to CDP. This as-delivered aggregated generation was comprised of a power composition by source of:

- 27.731% natural gas,
- 13.280% coal,
- 0.422% diesel,
- 13.331% hydroelectric,
- 40.316% nuclear,
- 2.218% renewables (1.815% wind and 0.228% solar and 0.001% biomass and 0.174% biogas) and

the remainder is

- 2.702% null power (includes REC-encumbered renewable sources that have not yet been retired to the generation mix or sold).

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