U.S. DEPARTMENT OF ENERGY

Office of ENERGY EFFICIENCY & RENEWABLE ENERGY

Appendix A. Appendix to Chapter 2: Biomass Currently Used for Energy and Coproducts

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Disclaimer

Availability

This report and supporting documentation, data, and analysis tools are available online:

Report landing page: https://www.energy.gov/eere/bioenergy/2023-billion-ton-report-assessment-us-renewable-carbon-resources

Data portal: https://bioenergykdf.ornl.gov/bt23-data-portal

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Table A-1 summarizes the differences in reported consumption of landfill gas from the EIA (2023, Table 5.6d and Table 5.6e) and EPA (2023). Differences in the reported totals for landfill gas consumption were discovered during the research of this chapter. The EIA reports a smaller amount of landfill gas being consumed for heat and power and total consumption. Through discussions with both the EPA and EIA, differences in which landfill gas entities were reporting data and what was required to be reported were highlighted as causes of the different reported volumes. Small differences in facilities being captured in the reporting were also found. To more closely align with later chapters in this report, the EPA's LMOP data was used for reporting in this chapter. The reported volume differences are reported here for clarity and to show the potential impacts in estimated usage from sources other than the one selected for this report.

Table A-1. Comparison of EIA and EPA Landfill Gas Consumption Estimates (Billion Cubic Feet)

	Transportation Fuel	Heat and Power
EIA	--	216
EPA	118	334

References

U.S. Energy Information Administration (EIA). 2023. *Electric Power Annual 2022*. Accessed Dec. 15, 2023. Washington, D.C.: EIA. eia.gov/electricity/annual/pdf/epa.pdf.

U.S. Environmental Protection Agency (EPA). 2023. "LMOP Landfill and LFG Energy Project Database." Last updated Aug. 3, 2023. epa.gov/lmop/lmop-landfill-and-project-database.