

## Appendix E. Greenhouse Gas Emissions Resources

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Under New York State’s Climate Leadership and Community Protection Act (Climate Act), New York State’s Department of Environmental Conservation (DEC) published an annual inventory of greenhouse gases, the Statewide Greenhouse Gas Emissions Report with additional supporting data available at OPENNY. Per Climate Act provisions, the report is required to adopt a 20-year global warming potential and include all emissions from fossil fuels and electricity consumed within the State, including emissions from fuel production and transportation beyond the State boundaries. DEC published the first annual report in December 2021, in collaboration with NYSERDA, as well as the first annual update in December 2022.

NYSERDA conducted studies that provided the underlying analysis for the energy sector greenhouse gas (GHG) emissions inventory, including direct emissions and emissions from imported fossil fuels and electricity, methane emissions from oil and gas systems, as well as hydrofluorocarbon (HFC) emissions, which together make up over 80% of statewide GHG emissions. More information about NYSERDA’s Greenhouse Gas Emissions Studies can be found on NYSERDA’s website. NYSERDA updates these studies over time to make methodological improvements and to incorporate new data when available.

### Appendix E References

New York State Department of Environmental Conservation. 2024. Statewide Greenhouse Gas Emissions Report. Accessed August 2024. <https://dec.ny.gov/environmental-protection/climate-change/greenhouse-gas-emissions-report>

NYSERDA. 2024. Greenhouse Gas Emissions Studies. Accessed August 2024. <https://www.nyserda.ny.gov/About/Publications/Energy-Analysis-Reports-and-Studies/Greenhouse-Gas-Emissions>