



Complying with the Greenhouse Gas Monitoring and Reporting Rule

**NEW JERSEY
PROTECTING AGAINST
CLIMATE THREATS:**

Dramatically cut
emissions of
greenhouse gases.



#NJPACT



Statutory Requirements



manufacturers and distributors of fossil fuels

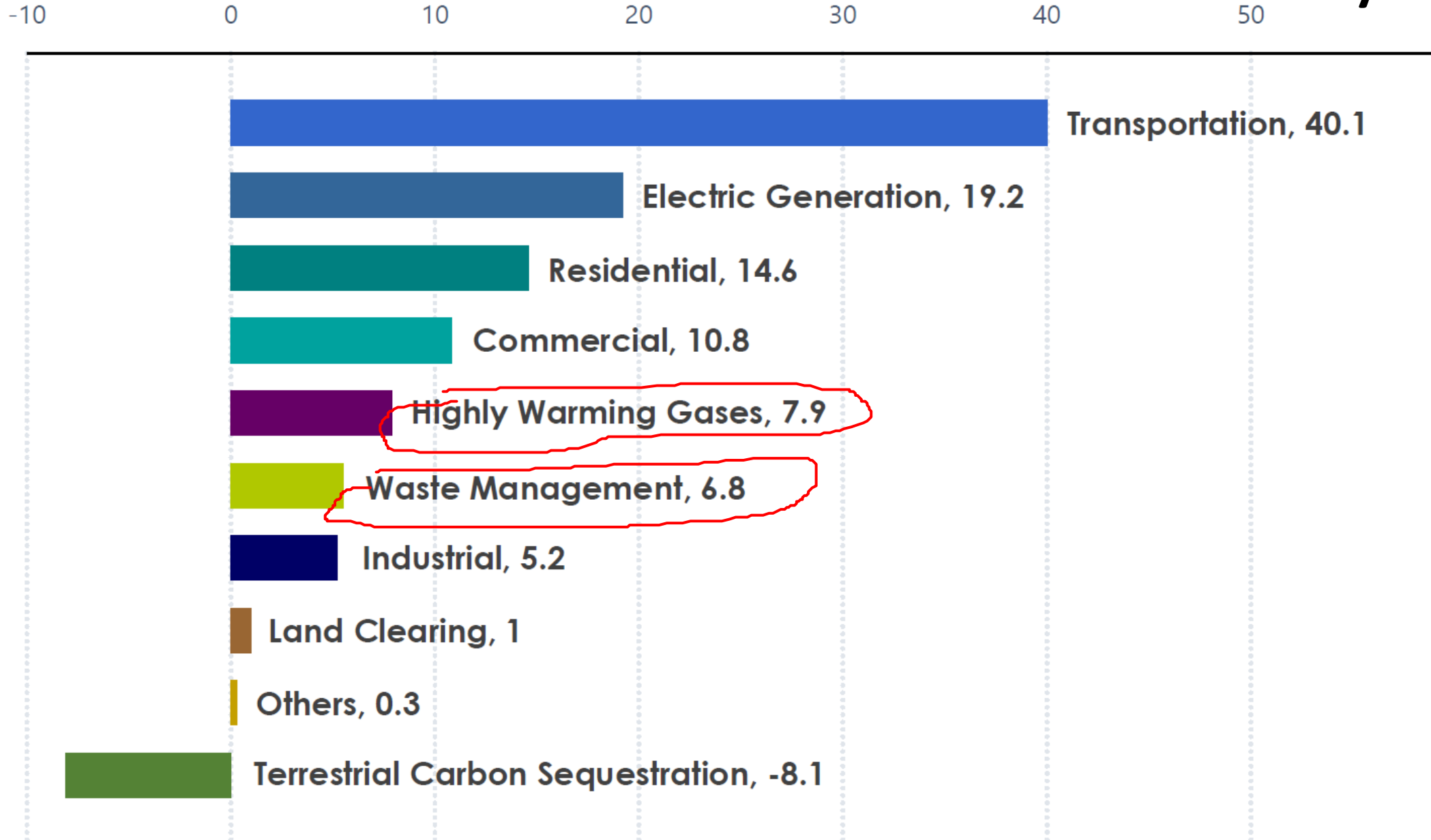
EGUs in State and out of State for end use in the State

**Must Report
GHG Emissions**

any gas public utility

significant emitters of GHGs including SLCP, as determined by the Department

NJ 2019 GHG Emissions Inventory





Identified Sources

Highly warming gases and waste management emission sources



Methane: Landfills, Wastewater Treatment, Natural Gas System Losses



HFCs: Refrigerants



New Rules & Amendments



Greenhouse Gas Monitoring and Reporting

New Rules: N.J.A.C. 7:27E

Emission Statements Program

Amendments: N.J.A.C. 7:27-21.2, 21.3, and 21.5

Air Enforcement Regulations

Amendments: N.J.A.C. 7:27A-3.2, 3.5, and 3.10



Amendments to Sub 21



The Department requires reporting of greenhouse gas emissions associated with significant methane emissions

- Which include, but need not be limited to:
 - Landfills,
 - Wastewater treatment, and
 - Fugitive emissions from natural gas stationary sources.
- Reporting threshold
 - 100 TPY of Methane



Emission Statements



Methane Emission Reporting Requirements

- Begin monitoring on August 1, 2022
- Reporting year ends December 31, 2022
- Subsequent reporting based on calendar year (1/1 – 12/31)
- Create an Emission Statement on RADIUS
- Due on May 15th annually, submitted at NJDEPonline.com
- For more information visit:
<https://www.state.nj.us/dep/aqm/es/emstatpg.html>



Gas Public Utility



Require reporting of GHG emissions:
from any gas public utility



that operates mains and service lines within
the State providing natural gas.



Annual Submittal of a
Pipeline Modernization Report



Gas Public Utility



Pipeline Modernization Report includes the following:

1. The miles of mains and number of service lines
2. Mains and service lines replaced and refurbished
3. Identification of pipeline leaks by leak grade classification
4. Leak detection practices that exceed Federal Standards
5. Report of blowdown events in excess of 50 scf



Gas Public Utility



Record Keeping: 1st year – July 1 to December 31, 2022

Subsequent reporting is conducted on a calendar year basis

Reporting: Annually on June 15th

Reporting fee = \$8000 annually

Reports submitted electronically through NJDEPonline.com



HFC Emissions



HFC reporting is required for facilities with one or more refrigeration systems with a full charge greater than or equal to 50 pounds of a high-GWP refrigerant.

- Facility types include grocery stores, ice rinks, refrigerated warehousing, industrial refrigeration and the chemical industry. Chillers are included, but not air conditioners.
- The Department will collect HFC usage data annually and NJEMS will calculate GHG emissions.



HFC Emissions



Record Keeping: 1st year – October 1 to December 31, 2022

Subsequent reporting is conducted on a calendar year basis

Facility Registration: NJDEPonline.com

- Registration fee = \$400 every 5 years
- October 1st for existing refrigeration systems
- New facilities must register 90 days after installation
- Registration Change Form submitted within 120 days after the change www.dep.nj.gov/ghg/ghgmr-rule/refrigeration



HFC Emissions



Reporting:

- April 1, annually at NJDEPonline.com
- Provide a facility contact
- Must identify refrigeration equipment
 - System size, type, and classification
- Information on type of refrigerant and its usage
 - Purchased, Charged, Recovered, Stored, & Shipped



Compliance



Penalty schedule for violations of N.J.A.C. 7:27E

Violation	Penalty
Failure to register	\$1000, \$2000, \$5000, \$15000
Failure to pay fees	\$200, \$400, \$1000, \$3000
Failure to record keep	\$500, \$1000, \$2500, \$7500
Failure to report	\$1000, \$2000, \$5000, \$15000



Thank You



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