



Petroleum and Natural Gas Systems in the Greenhouse Gas Reporting Program Distribution Segment

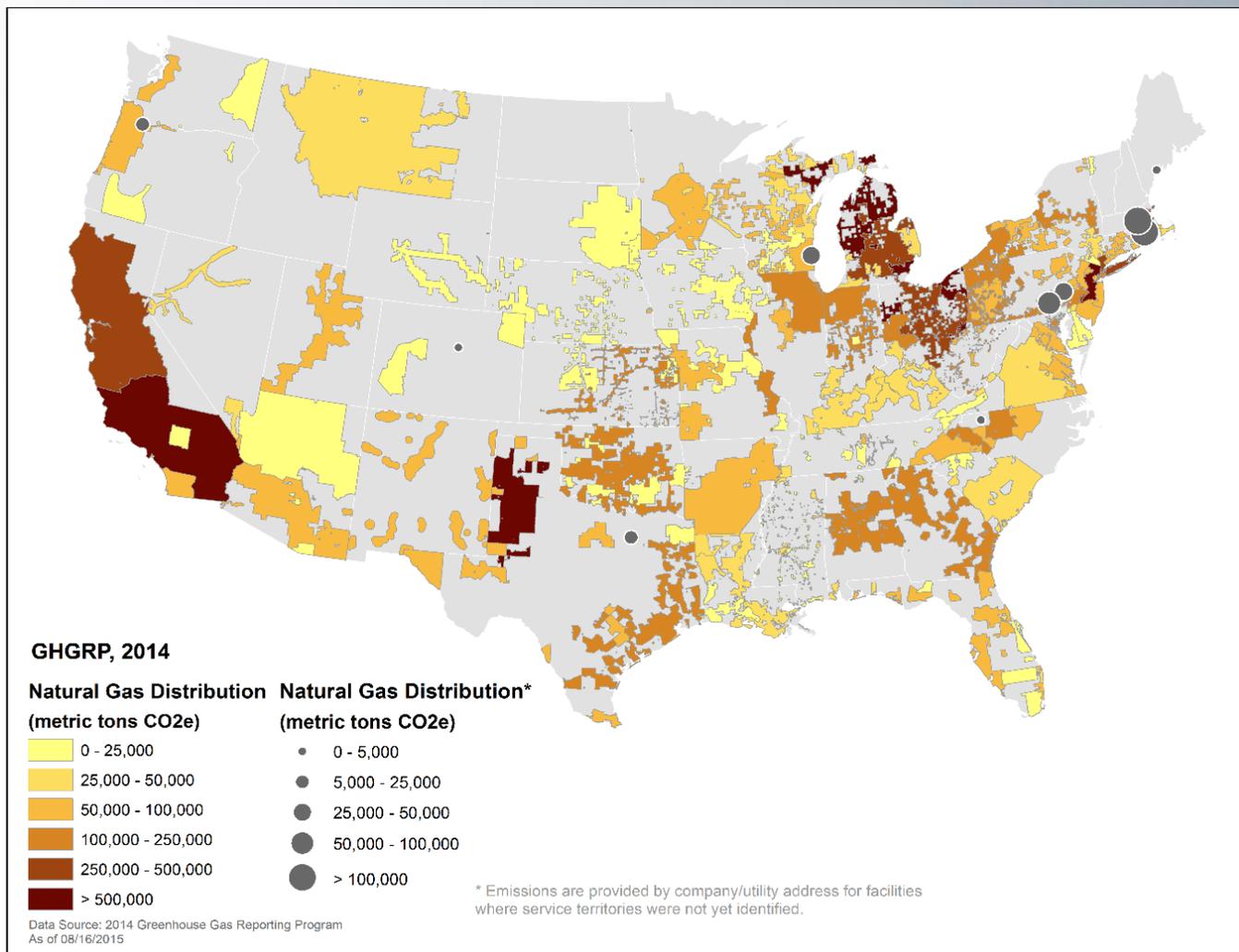
U.S. Environmental Protection Agency
Office of Atmospheric Programs, Climate Change Division

Description of Natural Gas Distribution Segment



- Natural gas distribution generally means the distribution pipelines and metering and regulating equipment/stations that are operated by a Local Distribution Company (LDC).
- For Natural Gas Distribution, the “facility” is a local distribution company as regulated by a single state public utility commission.

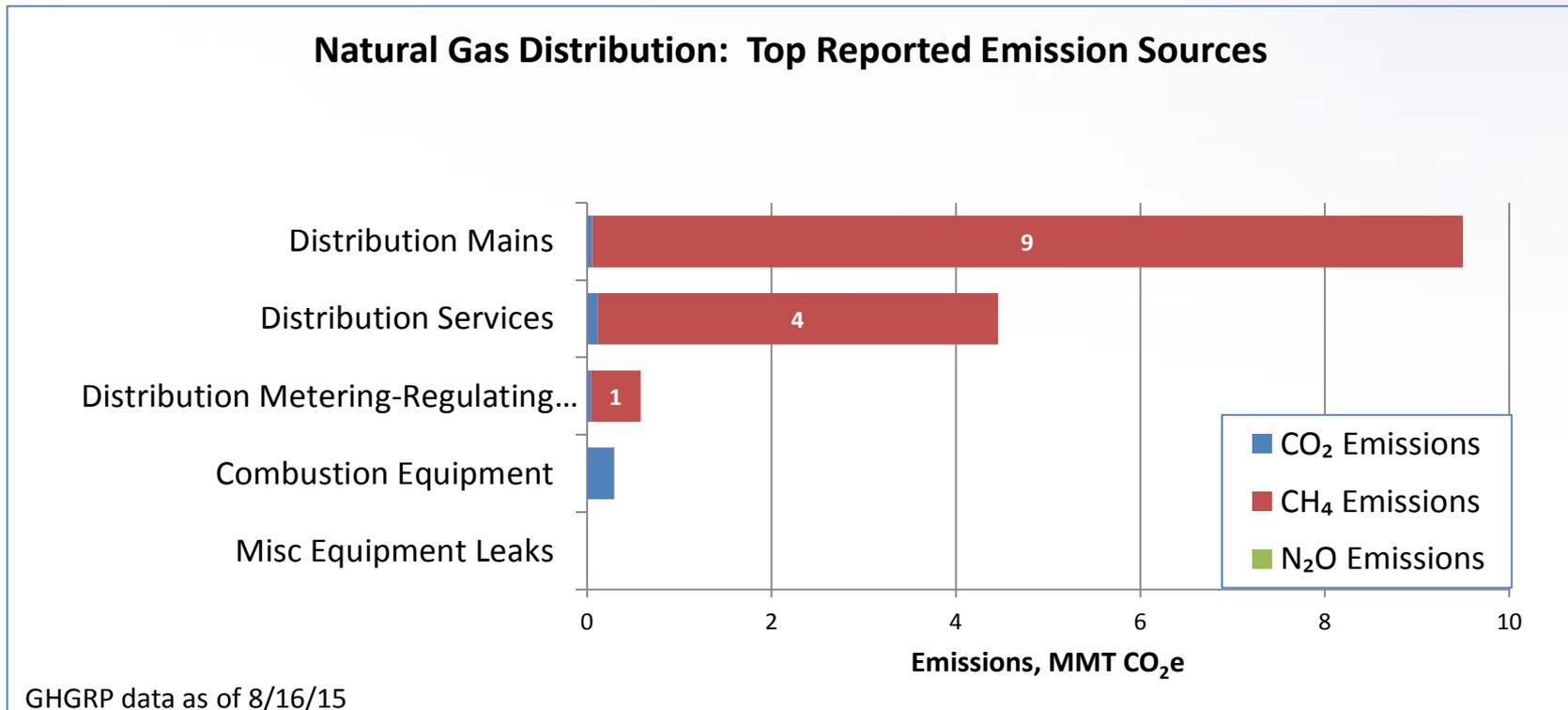
Emissions Distribution for the Natural Gas Distribution Segment



Top Reported Emission Sources



- Reported emissions in natural gas distribution totaled 14.8 MMT CO₂e
- 181 facilities reported under this sector
- Methane emissions totaled 14.3 MMT CO₂e and carbon dioxide emissions totaled 0.5 MMT CO₂e



Select Newly Reported Activity Data



- Leak factor for meter/regulator run
- Miles of distribution mains by material:
 - Unprotected steel
 - Protected steel
 - Plastic
 - Cast iron
- Miles of distribution services by material:
 - Unprotected steel
 - Protected steel
 - Plastic
 - Copper

Reported Activity Counts: 2011-2014



Industry Segment	Source Type	2011 Count	2012 Count	2013 Count	2014 Count
Natural Gas Distribution	Reporting Facilities	183	183	175	181
	Miles of Unprotected Steel Mains	59,599	58,426	60,216	55,568
	Miles of Protected Steel Mains	396,775	412,299	416,756	415,491
	Miles of Plastic Mains	512,917	531,902	548,414	563,156
	Miles of Cast Iron Mains	30,401	29,282	29,650	28,909

Natural Gas Distribution

Miles of distribution mains by state and material

