

**Table 3.2-3
Annual Air Emissions Inventory Summary, 2010–2014**

| Year | Annual Emissions (tons/year) ^(a) | | | | | |
|------|---|-----------------|-----|------------------|------|------|
| | SO _x | NO _x | CO | PM ₁₀ | VOCs | HAPs |
| 2010 | 0.4 | 15.0 | 3.9 | 0.7 | 1.0 | 0.01 |
| 2011 | 0.5 | 20.5 | 5.3 | 1.0 | 1.2 | 0.02 |
| 2012 | 1.8 | 38.5 | 9.1 | 2.2 | 2.7 | 0.04 |
| 2013 | 0.6 | 18.1 | 4.7 | 0.8 | 1.0 | 0.03 |
| 2014 | 0.6 | 22.2 | 5.5 | 1.2 | 1.5 | 0.02 |

(Entergy 2015i)

a. Emissions are based on calculated gallons of fuel usage shown below.

| Equipment | 2010 | 2011 | 2012 | 2013 | 2014 |
|-------------------------------|--------|--------|--------|-------------------------------|--------|
| Stationary diesels (> 600 hp) | 52,986 | 68,648 | 61,562 | 62,139 | 56,477 |
| Stationary diesels (≤ 600 hp) | 2,605 | 2,605 | 3,185 | 2,624 | 7,270 |
| Portable diesels (≤ 600 hp) | 7,468 | 11,974 | 74,529 | 4,500 | 20,902 |
| Portable boiler (< 100 MMBtu) | 0 | 64,467 | 65,280 | 200,980 200,940 | 79,815 |
| Portable gasoline | 110 | 110 | 0 | 0 | 0 |

Table 3.2-4
Annual Greenhouse Gas Emissions Inventory Summary, 2010–2014

| Carbon Dioxide Equivalent (CO ₂ e) Emissions, Metric Tons ^(a) | | | | | |
|---|--------------|--------------|--------------|---|--------------|
| Emission Source | 2010 | 2011 | 2012 | 2013 | 2014 |
| Combustion sources (Table 3.2-2) | 647 | 1,513 | 2,094 | 2,767 2,766 | 1,684 |
| Workforce commuting | 2,722 | 2,722 | 2,722 | 2,722 | 2,722 |
| Total | 3,369 | 4,235 | 4,816 | 5,489 5,488 | 4,406 |

([Entergy 2015i](#))

a. GHG calculated emissions are based on the following:

- Fuel usage for combustion sources shown in “footnote a” to [Table 3.2-3](#).
- Workforce commuting:
 1. Statistical information from U.S. Census Bureau indicates that 10.5 percent of U.S. residents carpool to work ([USCB 2015](#)). Number of WF3 employees as of January 2016 was 641. Utilizing the 10.5 percent USCB carpool statistic, a value of “574” passenger vehicles per day was utilized.
 2. The EPA's Greenhouse Gas Equivalencies Calculator shows that the CO₂e/vehicle/year was estimated to be 4.75 metric tons ([EPA 2015b](#)).
 3. Carbon dioxide has a global warming potential (100-year time horizon) of “1” based on Table A-1 to Subpart A of 40 CFR Part 98.
 4. 573 vehicles × 4.75 metric tons CO₂e/vehicle/year × 1 (global warming potential).