



Greenhouse Gas Reporting Requirements and the Electricity Sector

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Mandatory Greenhouse Gas Reporting

- Authorized by the Legislature in 2009
- Sectors:
 - Air quality permit holders w/ >2,500 tons CO₂e
 - All Natural gas suppliers
 - Utilities
 - Pipelines
 - All other fossil fuel suppliers
 - Gasoline
 - Diesel
 - Propane
 - Kerosene
 - Electricity suppliers

Electricity Sector GHG Reporting

- All entities supplying electricity to Oregonians
 - Investor-owned utilities
 - Consumer-owned utilities
 - Electricity service suppliers
 - Bonneville Power Administration
- Each entity reports emissions from generation of electricity they source to supply Oregonians, regardless of where that generation occurs

Emissions characteristics of electricity suppliers

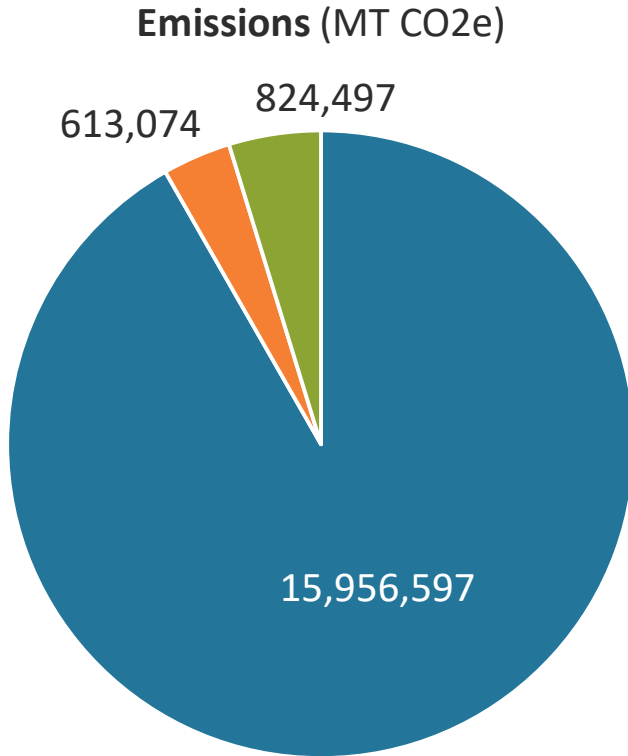
- **Investor-owned utilities (3)**: diverse mix of gas, coal, hydro, wind, and other non-emitting resources
- **Consumer-owned utilities (39)**: mostly hydro from Bonneville, with small amount of their own generation and unspecified market purchases
- **Electricity service suppliers (5)**: wide range
 - Some are just unspecified market purchases
 - Some are mostly or entirely non-emitting resources

Emissions Verification

- DEQ reviews data reports from all electricity suppliers each year
- Starting next year, data will also be audited by third-party verifiers
- Data reported to DEQ must be quantified pursuant to specified sources and calculations
- These reporting requirements are subject to standard compliance assurance processes

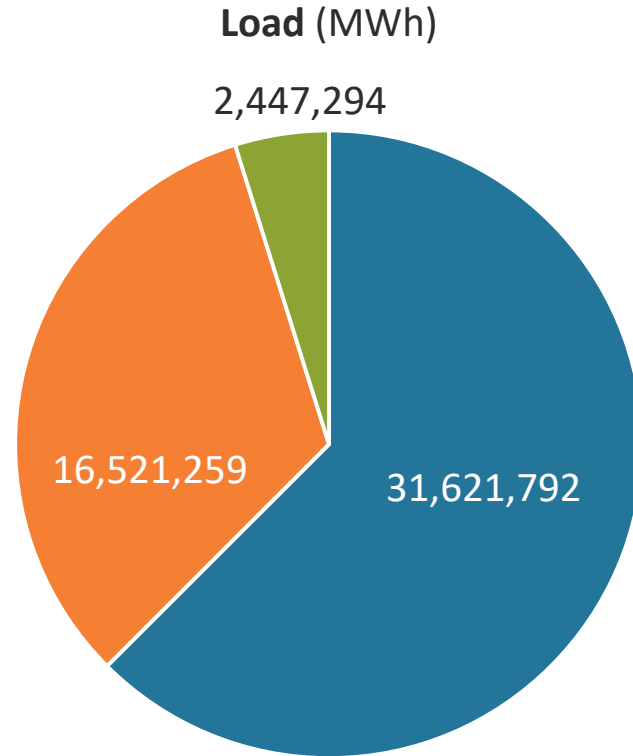
Electricity Sector Emissions & Power

(2017-2019 average)



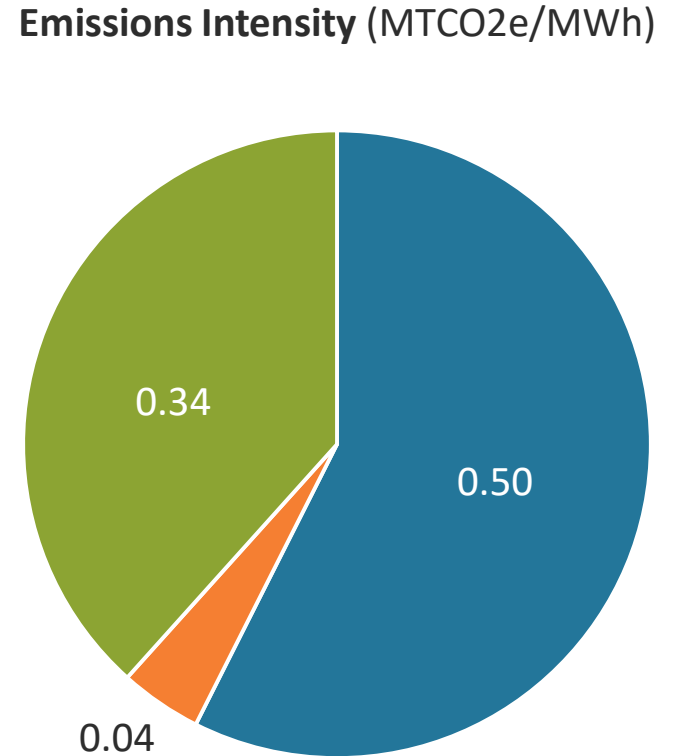
■ IOUs ■ COUs ■ ESSs

IOU: Investor-own utility



■ IOUs ■ COUs ■ ESSs

COU: Consumer-owned utility

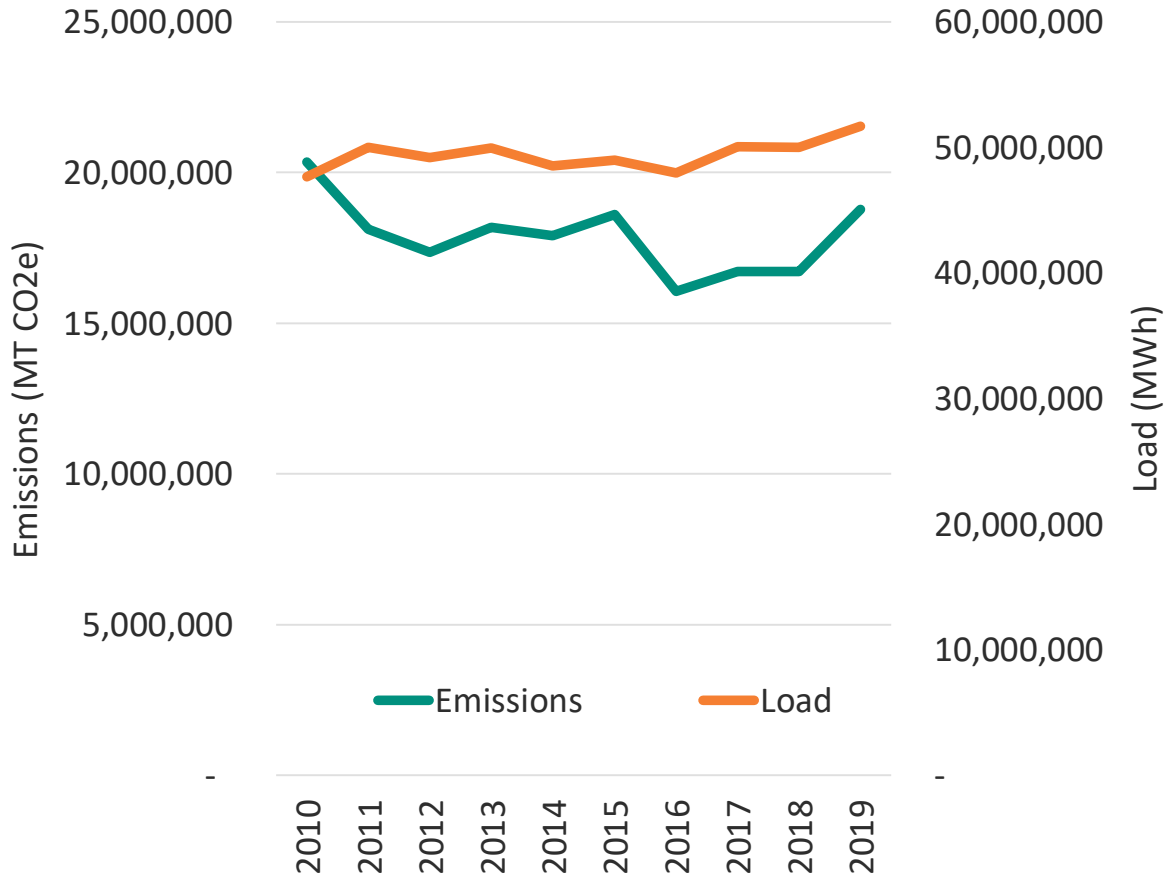


■ IOUs ■ COUs ■ ESSs

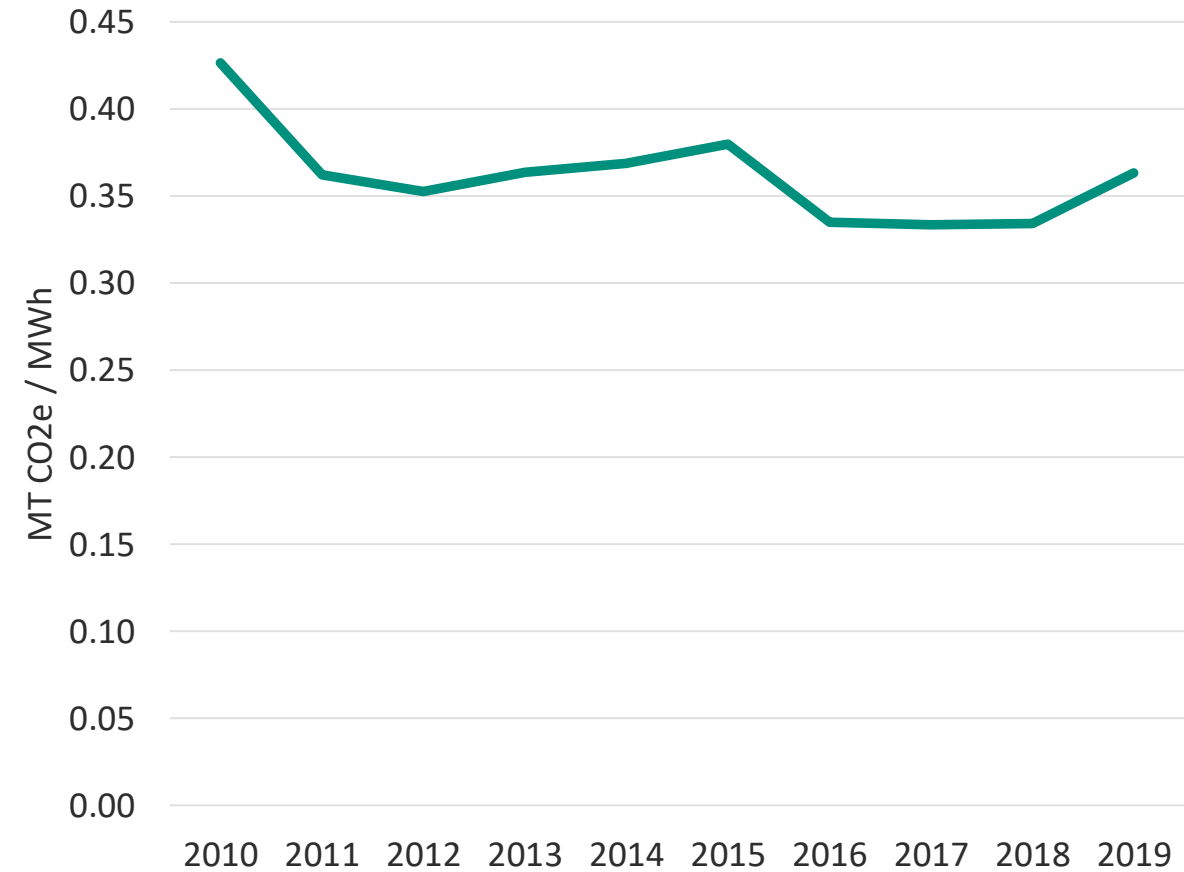
ESS: Electricity service supplier

Trends in Oregon Electricity Sector

Emissions & Load



Emissions intensity





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More information: www.oregon.gov/deq/aq/programs/Pages/GHG.aspx

