

Colorado Energy Office (CEO)

Energy and Environment, Transportation & Energy
Committees
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Colorado Roadmap and Transportation Emissions

2005 Largest Emission Sources:

1. Electric power
2. Transportation
3. Oil & Gas
4. Buildings

2020 Largest Emissions Sources:

1. Transportation
2. Electric power
3. Oil & Gas
4. Buildings

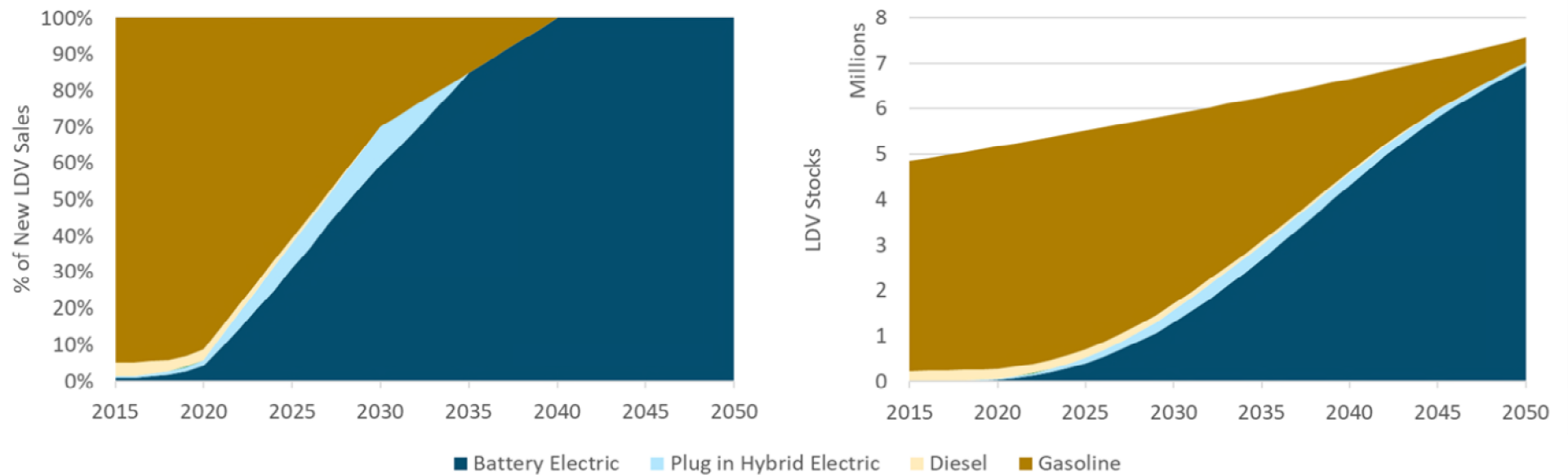
2020 CO GHG Emissions (MMT CO₂e, AR5 100-yr GWP)



Colorado Sector Based GHG Targets

Sector	Revised 2005 Baseline (MMT CO2e)	2025 Target (MMT CO2e)	2030 Target (MMT CO2e)
Electricity	40.28	21	8
Oil and Gas	20.17	13	8
Transportation	30.71	23	18
Residential, Commercial, Industrial Energy Use	24.65	26	20
Other	23.42	19.9	15.6
Total	139.22	102.9	69.6
Percent Reduction	--	26%	50%

E3 1261 Target Scenario EV Adoption



Near Term Actions to Reduce Transportation Pollution

The following policies reduce pollution by ~13 million tons by 2030

- Implement existing low and zero emissions rules - 6 million ton reduction
- Public investment in fleet turnover and infrastructure for zero emission vehicles
- GHG Pollution Standards for transportation plans and large employer trip reduction programs Summer 2021 AQCC rulemaking to set
- Incentivize land use to increase housing near jobs and reduce VMT and pollution - study in 2021
- Clean trucking strategy - infrastructure, fleet incentives, consider regulatory tools such as advanced clean trucks
- Participate in developing post 2025 vehicle standards
- 2022 AQCC evaluation of indirect source rules, fleet rules, potentially truck rules