

NFRMPO Planning Council August 6, 2020 Meeting

Remote Attendee Instructions

To access the audio for the meeting:

- 1) Call-in Number: (872) 240-3212.
- 2) Once prompted, enter the Access Code: **455-759-533**
- 3) Once you have entered the conference call, **please mute your line. PLEASE DO NOT VERBALLY ANNOUNCE YOURSELF.** There will be a rollcall during the meeting and if you come in late you will be asked for your name.
- 4) You **must** call in for the audio portion of the meeting, there is no option to participate via computer audio and microphone online.

To access the online portion of the meeting:

- 1) Please mute your computer's sound to avoid feedback.
- 2) Please go to: <https://www.gotomeet.me/NFRMPO/nfrmpo-august-planning-council-meeting>
Enter your name and email then enter.
- 3) **PLEASE DO NOT VERBALLY ANNOUNCE YOURSELF.**

Once the Planning Council Meeting has begun:

- 1) We will do a roll call once the meeting has been called to order.
- 2) **Please keep your line muted unless you are speaking**, this will help to cut down on background noise and make the audio clear for all participants.
- 3) **Please do not place the call on hold**, doing so could cause hold music to play and make participation by all other participants on the call impossible.
- 4) Please use the Chat box function as shown below, to indicate that you wish to speak by typing in your name, for example:

"I have a question regarding the TIP Amendment"

and wait to be recognized by the Chair before proceeding with your question or comment, so others do not talk over you and your question can be recorded for the Minutes.

- 5) **Each time you speak, please state your name for the record before proceeding with your question or comments.**

If at any time during the meeting you have any questions or technical difficulties accessing the meeting, please contact Alex Gordon at (970) 289-8279 or agordon@nfrmpo.org.

August 6, 2020

NFRMPO Council meeting

Greenhouse Gas Emissions Roadmap due to AQCC on October 15, 2020. There is no official adoption of the document. Rather the document lays out potential rulemaking to implement changes identified in the document. A draft document should be out for public comment around October 2nd.

Subcommittee of the AQCC has had one meeting on July 16, 2020 a second is scheduled for August 18th. Material from the July meeting in on the AQCC website, <https://www.colorado.gov/pacific/cdphe/aqcc>.

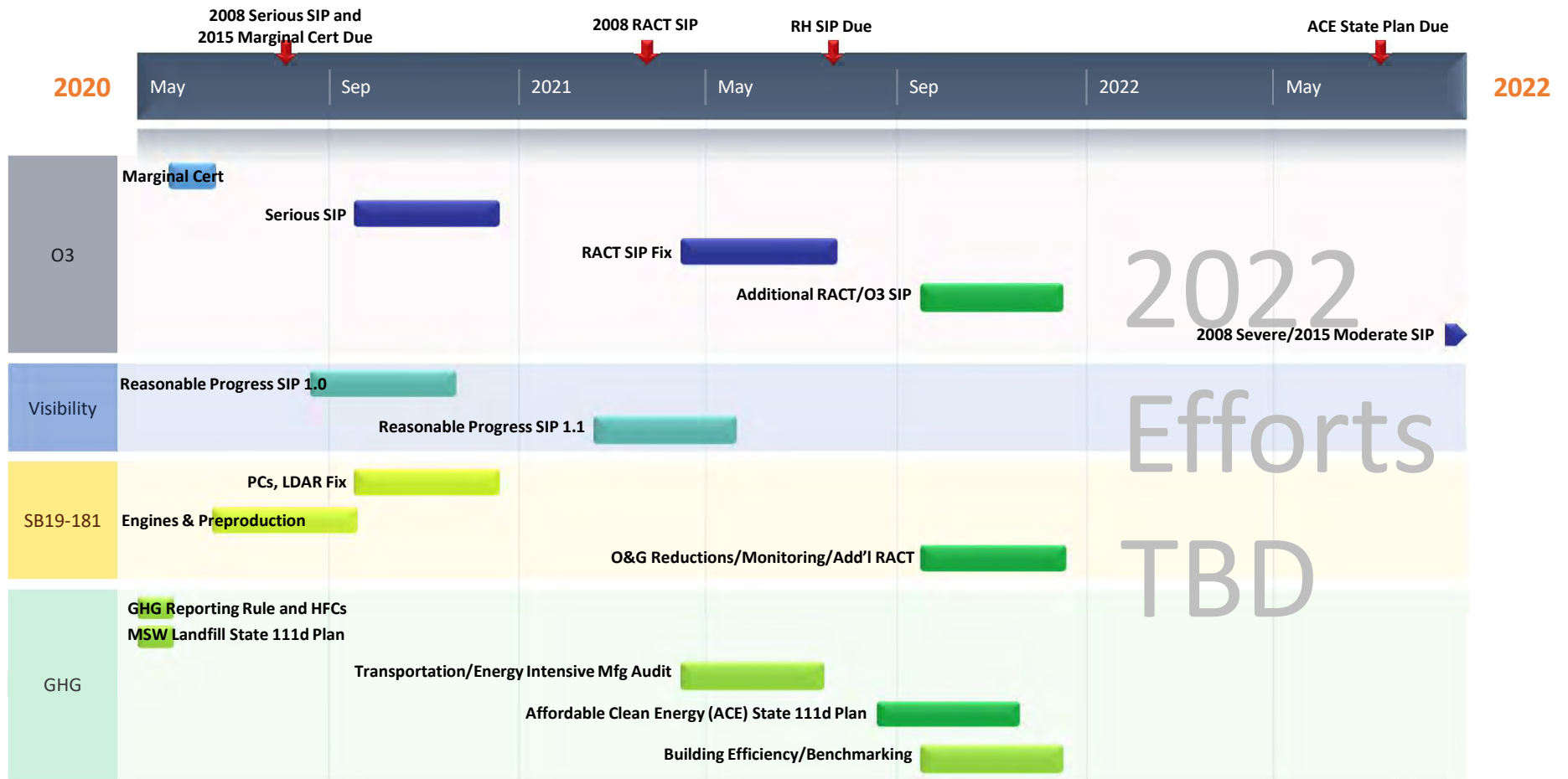
Notes from July meeting: Strategies that were recommended and discussed:

- Clean trucks rule (similar to California)
- Low carbon fuel standards
- Generating revenue (example: through permitting systems)
- GHG Budgets/conformity budgets
- Integrating GHG emission reductions in plans and projects that go through the MPOs
- Changes in land use planning (with regards to how you can decrease VMT)

There was discussion on most of these items on how they can be quantified and the feasibility of implementation with current resources. These were some of the things that they wanted to look into and report back on before the next subcommittee meeting.

The attached calendar gives the timeline for the Rulemaking items.

AQCC Calendar Planning





COLORADO

Air Quality Control Commission

Department of Public Health & Environment

Long Term Calendar

PLEASE NOTE THAT ALL INFORMATION LISTED ON THE LONG TERM CALENDAR IS TENTATIVE AND SUBJECT TO CHANGE
 For further information, contact the Commission Office at (303) 692-3476

REVISED: August 1, 2020

Activity Requested	Date of Activity	Activity Description	Division Staff Contact Info	Attorney Contact Info	SIP Action Yes/No	REG Review Yes/No	Stakeholders Involved
August 20, 2020							
Request Rulemaking Hearing	08-20-20	Regional Haze State Implementation Plan, Regulation Number 3, and Regulation Number 23 The Division will request that the Commission set a hearing to consider revisions to the Regional Haze SIP and Regulation Number 3 related to the control of NOx/SO2/PM emissions from certain Reasonable Progress sources identified as impacting Class I areas. The Division will propose moving Regional Haze SIP provisions currently in Regulation 3, to a new Regulation 23, making related revisions to Regulation 3. These Regional Haze SIP revisions will be followed in early 2021 with a proposal to set a hearing considering adopting Colorado's Regional Haze SIP in full. This proposal will also contain components that address SB19-181 and HB19-1261.	Lisa Devore 692-3117	Jackie Calicchio 720-508-6250	Yes	No	Industry & trade groups, Federal Land Manager & National Park Service, environmental & citizen groups, local governments
Briefing	08-20-20	Cannabis Operations The Division will brief the Commission on efforts to understand emissions from the cannabis sector in Colorado, including development of best management practices, of a benchmarking tool, and development and implementation of an emissions study.	Kaitlin Urso 692-3175	NA	NA	NA	Industry & trade groups, academia
Briefing	08-20-20	Pneumatics Task Force The Pneumatics Task Force will present its recommendations to the Commission in response to the Commission's 2017 directives related pneumatic controllers in the Denver Metro/North Front Range Ozone Nonattainment Area.	Jeremy Murray 692-3245	NA	NA	NA	Industry & trade groups, local governments, environmental & citizen groups, vendors
Briefing	08-20-20	Disproportionately Impacted Communities Framework The Division will provide an update to the Commission on a draft framework for identifying disproportionately impacted communities as they relate to HB19-1261.	Lauren McDonell 692-6461	NA	NA	NA	Local governments, concerned public members, environmental & citizen groups, trade groups

Request Rulemaking Hearing	09-17-20	<p>SB19-181: 2008 Ozone State Implementation Plan (SIP) and Associated Regulations The Division and Regional Air Quality Council will jointly request that the Commission set a hearing to consider revisions addressing SB19-181, HB19-1261 and the Clean Air Act: Serious Ozone Nonattainment requirements. This would include a proposed element to Colorado's State Implementation Plan (SIP) and revisions to associated regulations. There are four segments to this rulemaking hearing which will be addressed by the Commission individually:</p> <p><i>Serious Ozone Nonattainment Area SIP Element:</i> proposed SIP Element for the Denver Metro and North Front Range Serious Ozone Nonattainment Area to include: serious SIP elements specific to emission inventories, enhanced monitoring, reasonable further progress, attainment demonstration and weight of evidence, Reasonably Available Control Technology, Reasonably Available Control Measures, motor vehicle inspection and maintenance, nonattainment New Source Review, contingency measures, motor vehicle emissions budgets and clean fuels.</p> <p><i>Air Quality Standards, Designations and Emission Budgets:</i> proposed revisions that incorporate revisions to motor vehicle emission budgets for the Denver Metro and North Front Range Ozone Nonattainment Area, and other clarifying revisions.</p> <p><i>Regulation Number 7:</i> proposed revisions associated with the serious ozone nonattainment classification. The proposed revisions include: additional emission reduction requirements for the oil and gas sector and reasonably available control technology (RACT) requirements for major sources of VOC and/or NOx in the Denver Metropolitan North Front Range Ozone Nonattainment Area; SIP clean-up revisions; and additional state-only, state-wide emission monitoring, reduction, recordkeeping, and reporting requirements for the oil and gas sector.</p> <p><i>Regulation Number 11:</i> proposed revisions to the emissions cut-points (e.g., pass/fail standards) in the motor vehicle emissions inspection program.</p>	Curt Taipale 692-3265 Leah Martland 692-6269 Jeremy Murray 692-3245 TBD 692-3126	David Beckstrom 720-508-6306 Robyn Wille 720-508-6261	Yes	No	EPA, Industry & trade groups, RAQC & local governments, environmental & citizen groups, concerned public members
Rulemaking Hearing	09-17-20 & 09-18-20	<p>Regulation Number 7 - Revisions Addressing SB19-181, Ozone, Visibility, and Nitrogen Deposition at Rocky Mountain National Park The Commission will consider certain aspects of SB19-181, SB19-096, HB19-1261, as well as co-benefits to Regional Haze, ozone, and RMNP nitrogen deposition by considering state-only revisions to Regulation Number 7 related to the control of emissions from natural gas-fired reciprocating internal combustion engines, oil and gas flowback tanks, and oil loadout at underground injection facilities. The Commission may also consider ambient monitoring of emissions at oil and gas facilities.</p>	Lisa Devore 692-3117 Leah Martland 692-6269	Jackie Calicchio 720-508-6250 Robyn Wille 720-508-6261	No	No	Industry & trade groups, local governments, environmental & citizen groups, concerned public members

October 22, 2020
(Joint Meeting with the Board of Health)

JOINT Briefing	10-15-20	Annual Report to the Public The Commission Administrator will present the final draft of the Annual Report to the Public and request the Commission's approval of the report for publication and distribution. The Commission will provide an opportunity for public comment.	Trisha Oeth 692-3468	NA	NA	NA	
JOINT Briefing	10-15-20	COVID-19 & Air Quality Representatives from National Jewish will provide information regarding COVID-19 and possible links to ambient air quality.	National Jewish	NA	NA	NA	
Request Rulemaking Hearing	10-15-20	Regulation Number 8, Part B The Division will request that the Commission set a hearing to consider revisions to the asbestos regulations.	Laura Manyak 692-3102	Laura Mehew 720-508-6293	No	Yes	
Report	10-15-20	Regulation Number 9 The Commission will consider the Smoke Management Program projected costs.	Scott Landes 692-3255	NA	NA	NA	
Briefing	10-15-20	Review of the 2020 Ozone Season The Division will present the 2020 ozone monitoring data and report on any exceedances or violations of the current ozone standard.	Gordon Pierce 692-3238	NA	NA	NA	
Briefing	10-15-20	Rocky Mountain National Park Initiative The Division, National Park Service, and the EPA continue to work collaboratively to reduce nitrogen deposition in Rocky Mountain National Park (RMNP). The agencies will update the Commission regarding the history of the RMNP initiative, data trends, and progress in achieving milestones.	Megan McCarthy 692-3135	NA	NA	NA	
Briefing	10-15-20	Colorado Greenhouse Gas Emissions Roadmap The Colorado Energy Office and their consultant, Energy and Environmental Economics will present the Greenhouse Gas Roadmap. Discussions on the complaint tracking system. A public comment session will be held.	CO Energy Office Keith Hay E3 Tory Clark	NA	NA	NA	

November 19-20, 2020

Rulemaking Hearing	11-19-20 & 11-20-20	Regional Haze State Implementation Plan, Regulation Number 3 and Regulation Number 23 The Commission will consider revisions to the Regional Haze SIP and Regulation Number 3 related to the control of NOx/SO2/PM emissions from certain Reasonable Progress sources identified as impacting Class I areas. The Division will propose moving Regional Haze SIP provisions currently in Regulation 3, to a new Regulation 23, making related revisions to Regulation 3. These Regional Haze SIP revisions will be followed in early 2021 with a proposal to set a hearing considering adopting Colorado's Regional Haze SIP in full. This proposal also contains components that address SB19-181 and HB19-1261.	Lisa Devore 692-3117	Jackie Calicchio 720-508-6250	Yes	No	Industry & trade groups, Federal Land Manager & National Park Service, local governments, environmental & citizen groups
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December 16-18. 2020

Rulemaking Hearing	12-16-20 to 12-18-20	<p>SB19-181: 2008 Ozone State Implementation Plan (SIP) and Associated Regulations The Commission will consider revisions addressing SB19-181, HB19-1261 and the Clean Air Act: Serious Ozone Nonattainment requirements. This would include a proposed element to Colorado's State Implementation Plan (SIP) and revisions to associated regulations. There are four segments to this rulemaking hearing which will be addressed by the Commission individually:</p> <p><i>Serious Ozone Nonattainment Area SIP Element:</i> proposed SIP Element for the Denver Metro and North Front Range Serious Ozone Nonattainment Area to include: serious SIP elements specific to emission inventories, enhanced monitoring, reasonable further progress, attainment demonstration and weight of evidence, Reasonably Available Control Technology, Reasonably Available Control Measures, motor vehicle inspection and maintenance, nonattainment New Source Review, contingency measures, motor vehicle emissions budgets and clean fuels</p> <p><i>Air Quality Standards, Designations and Emission Budgets:</i> proposed revisions that incorporate revisions to motor vehicle emission budgets for the Denver Metro and North Front Range Ozone Nonattainment Area, and other clarifying revisions.</p> <p><i>Regulation Number 7:</i> proposed revisions associated with the serious ozone nonattainment classification. The proposed revisions include: additional emission reduction requirements for the oil and gas sector and reasonably available control technology (RACT) requirements for major sources of VOC and/or NOx in the Denver Metropolitan North Front Range Ozone Nonattainment Area; SIP clean-up revisions; and additional state-only, state-wide emission monitoring, reduction, recordkeeping, and reporting requirements for the oil and gas sector.</p> <p><i>Regulation Number 11:</i> proposed revisions to the emissions cut-points (e.g., pass/fail standards) in the motor vehicle emissions inspection program.</p>	Curt Taipale 692-3265 Leah Martland 692-6269 Jeremy Murray 692-3245 TBD 692-3126	David Beckstrom 720-508-6306 Robyn Wille 720-508-6261	Yes	No	EPA, RAQC, Industry & trade groups, local governments, environmental & citizen groups, concerned public members
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January 21 & 22. 2021

Rulemaking Hearing	01-21-21 & 01-22-21	<p>Regulation Number 8, Part B The Commission will consider revisions to the asbestos regulations.</p>	Laura Manyak 692-3102	Laura Mehew 720-508-6293	No	Yes	Industry & trade groups, local governments, environmental & citizen groups, concerned public members
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February 18 & 19. 2021

Request Written Comment Rulemaking Hearing	02-18-21	<p>Regulation Number 6, Part A The Division will request that the Commission set a hearing to consider a proposal to revise Regulation Number 6, Part A (NSPS) to incorporate by reference changes the EPA made to its New Source Performance Standards and/or Emission Guidelines.</p>	Jeremy Murray 692-3245	NA	No	No	
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Request Written Comment Rulemaking Hearing	02-18-21	Regulation Number 8, Parts & E The Division will request that the Commission set a hearing to consider revisions Regulation Number 8, Parts A and E (MACT Standards) to incorporate by reference changes the EPA made to its National Emission Standards for Hazardous Air Pollutants rules.	Jeremy Murray 692-3245	NA	No	No	
Request Rulemaking Hearing	02-18-21	Regional Haze State Implementation Plan and Regulation Number 23 Following the Fall 2020 Regional Haze SIP rulemaking, the Division will request that the Commission set a second hearing to consider revisions related to the control of NOx/SO2/PM emissions from the remaining Reasonable Progress sources identified as impacting Class I areas.	Lisa Devore 692-3117 Curt Taipale 692-3265	Jackie Calicchio 720-508-6250	No	No	Industry & trade groups, Federal Land Manager & National Park Service, environmental & citizen groups, local governments
March 18 & 19. 2021							
	03-18-21						
April 15 & 16. 2021							
Request Rulemaking Hearing	04-15-21	Regulation Number 7 The Division will request that the Commission set a hearing to consider revisions to Regulation 7 Reasonably Available Control Technology requirements for incorporation into the 2008 Ozone State Implementation Plan to address EPA comments, and make necessary SIP revisions.	Leah Martland 692-6269 Sara Heald 692-3212	Robyn Wille 720-508-6261	Yes	No	Industry & trade groups, local governments, environmental groups, concerned public members
Request Rulemaking Hearing	04-15-21	Regulation Number 20, Regulation Number 22, and Air Quality Standards The Division will request that the Commission set a hearing to consider revisions to reduce greenhouse gas emissions from the transportation sector , in response to HB19-1261, update existing provisions as necessary, and propose establishing an Energy Intensive Manufacturing Audit Program in response to HB19-1261.	TBD 692-3126 Josh Korth 692-6302	David Beckstrom 720-508-6306	No	No	CEO, CDOT, E3, disproportionately impacted communities, local governments, environmental groups, industry & trade groups
May 20 & 21. 2021							
Written Comment Rulemaking Hearing	05-20-21	Regulation Number 6, Part A The Commission will consider a proposal to revise Regulation Number 6, Part A (NSPS) to incorporate by reference changes the EPA made to its New Source Performance Standards and/or Emission Guidelines.	Jeremy Murray 692-3245	NA	No	No	
Written Comment Rulemaking Hearing	05-20-21	Regulation Number 8, Parts A & E The Commission will consider revisions Regulation Number 8, Parts A and E (MACT Standards) to incorporate by reference changes the EPA made to its National Emission Standards for Hazardous Air Pollutants rules.	Jeremy Murray 692-3245	NA	No	No	

Rulemaking Hearing	05-20-21	Regional Haze State Implementation Plan and Regulation Number 23 The Commission will consider revisions related to the control of NOx/SO2/PM emissions from the remaining Reasonable Progress sources identified as impacting Class I areas.	Lisa Devore 692-3117 Curt Taipale 692-3265	Jackie Calicchio 720-508-6250	No	No	Industry & trade groups, Federal Land Manager & National Park Service, environmental & citizen groups, local governments
June 17 & 18. 2021 (Commission Annual Planning Retreat - Durango)							
Discussion	06-17-21	Programmatic Issues <ul style="list-style-type: none"> The Division will provide an overview of the Division's structure and program-by-program activities. The Commission will discuss the progress made in achieving goals, milestones, and other relevant air quality policy matters. The Division and Commission will identify and discuss items for inclusion on the Long Term Calendar including regulatory/policy issues and potential facility tours. Options for responding to local air concerns like open burning and how approaches can be shared with the Southern Ute Air Quality program. 	NA	NA	NA	NA	
Discussion	06-17-21	Legislative Session Commission staff will provide an overview of the 2020 legislative session and implications for the Commission.	NA	NA	NA	NA	
Discussion	06-17-21	Election of Officers The Commission will elect Officers (Chair, Vice-Chair, and Secretary) to the Executive Committee of the Commission for the upcoming year. The Commission Administrator will facilitate the nomination and election process.	NA	NA	NA	NA	
Public Comment Session	06-17-21	Public Comment Session at TBD The Commission invites citizens to provide their perspectives on air quality matters. Residents, government and elected officials, and interest groups are encouraged to attend.	NA	NA	NA	NA	
July 15 & 16. 2021							
Rulemaking Hearing	07-15-21	Regulation Number 7 The Commission will consider revisions to Regulation 7 Reasonably Available Control Technology requirements for incorporation into the 2008 Ozone State Implementation Plan to address EPA comments, and make necessary SIP revisions.	Leah Martland 692-6269 Sara Heald 692-3212	Robyn Wille 720-508-6261	Yes	No	Industry & trade groups, local governments, environmental groups, and concerned public members
Rulemaking Hearing	07-15-21	Regulation Number 20, Regulation Number 22, and Air Quality Standards The Commission will consider revisions to reduce greenhouse gas emissions from the transportation sector, in response to HB19-1261, update existing provisions as necessary, and consider establishing an Energy Intensive Manufacturing Audit Program in response to HB19-1261.	TBD 692-3126 Josh Korth 692-6302	David Beckstrom 720-508-6306	No	No	CEO, CDOT, E3, disproportionately impacted communities, local governments, environmental groups and industry & trade groups

August 19 & 20. 2021

Request Public Meeting	08-19-21	Greenhouse Gas Inventory The Division will request that the Commission set a public meeting to brief the Commission on the update of Colorado's Greenhouse Gas Inventory in response to SB19-096, and request the Commission set a public hearing.	Tim Taylor 692-3173	NA	No	No	Disproportionately impacted communities, local governments, environmental groups and industry & trade groups
Request Rulemaking Hearing	08-19-21	Regulation Number 6, Part B The Division will request that the Commission set a hearing to consider revisions to Regulation 6, Part B adopting a Clean Air Act Section 111d State Plan and emission reductions, monitoring, recordkeeping and reporting for utilities to address EPA's Affordable Clean Energy Rule. This proposal also contains components that address HB19-1261.	Sara Heald 692-3212	Jackie Calicchio 720-508-6250	No	No	Disproportionately impacted communities, local governments, environmental groups and industry & trade groups

September 16 & 17. 2021

Public Meeting	09-16-21	Greenhouse Gas Inventory The Commission will hold a public meeting, Division briefs the Commission on the update of Colorado's Greenhouse Gas Inventory in response to SB19-096, and will take public comment.	Tim Taylor 692-3173	NA	No	No	Disproportionately impacted communities, local governments, environmental groups and industry & trade groups
Request Rulemaking Hearing	09-16-21	Regulation Number 7 The Division will request that the Commission set a hearing to consider revisions to Regulation Number 7 to establish oil and gas reduction strategies, monitoring, reductions, recordkeeping and reporting in response to SB19-096, HB19-1261 and SB19-181. The Division may also make SIP Fix revisions necessary for EPA approval of Colorado's Ozone SIP.	Leah Martland 692-6269 Tim Taylor 692-3173	Robyn Wille 720-508-6261	Yes	No	Disproportionately impacted communities, local governments, environmental groups and industry & trade groups
Request Rulemaking Hearing	09-16-21	Regulation Number 22 The Division will request that the Commission set a hearing to consider revisions to Regulation Number 22, to address greenhouse gases in terms of building energy efficiency in response to HB19-1261.	Josh Korth 692-6302	David Beckstrom 720-508-6306	No	No	CEO, E3, disproportionately impacted communities, local governments, environmental groups and industry & trade groups

October 21 & 22. 2021
(Joint Meeting with the Board of Health)

Briefing	10-21-21	Annual Report to the Public The Commission Administrator will present the final draft of the Annual Report to the Public and request the Commission's approval of the report for publication and distribution. The Commission will provide an opportunity for public comment.	Trisha Oeth 692-3468	NA	NA	NA	
Briefing	10-21-21	Review of 2021 Ozone Season The Division will present the 2020 ozone monitoring data and report on any exceedances or violations of the current ozone standard.	Gordon Pierce 692-3238	NA	NA	NA	

November 18 & 19. 2021

Report	11-18-21	Regulation Number 9 The Commission will consider projected costs for the Smoke Management Program.	Scott Landes 692-3255	NA	NA	NA	
Rulemaking Hearing	11-18-21	Regulation Number 6, Part B The Commission will consider revisions to Regulation 6, Part B adopting a Clean Air Act Section 111d State Plan and emission reductions, monitoring, recordkeeping and reporting for utilities to address EPA's Affordable Clean Energy Rule.	Sara Heald 692-3212	Jackie Calicchio 720-508-6250	No	No	Disproportionately impacted communities, local governments, environmental groups and industry & trade groups

December 16 & 17. 2021

Rulemaking Hearing	12-16-21	Regulation Number 7 The Division will request that the Commission set a hearing to consider revisions to Regulation Number 7 to establish oil and gas reduction strategies, monitoring, reductions, recordkeeping and reporting in response to SB19-096, HB19-1261 and SB19-181. The Division may also make SIP Fix revisions necessary for EPA approval of Colorado's Ozone SIP.	Leah Martland 692-6269 Tim Taylor 692-3173	Robyn Wille 720-508-6261	Yes	No	Disproportionately impacted communities, local governments, environmental groups and industry & trade groups
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COLORADO

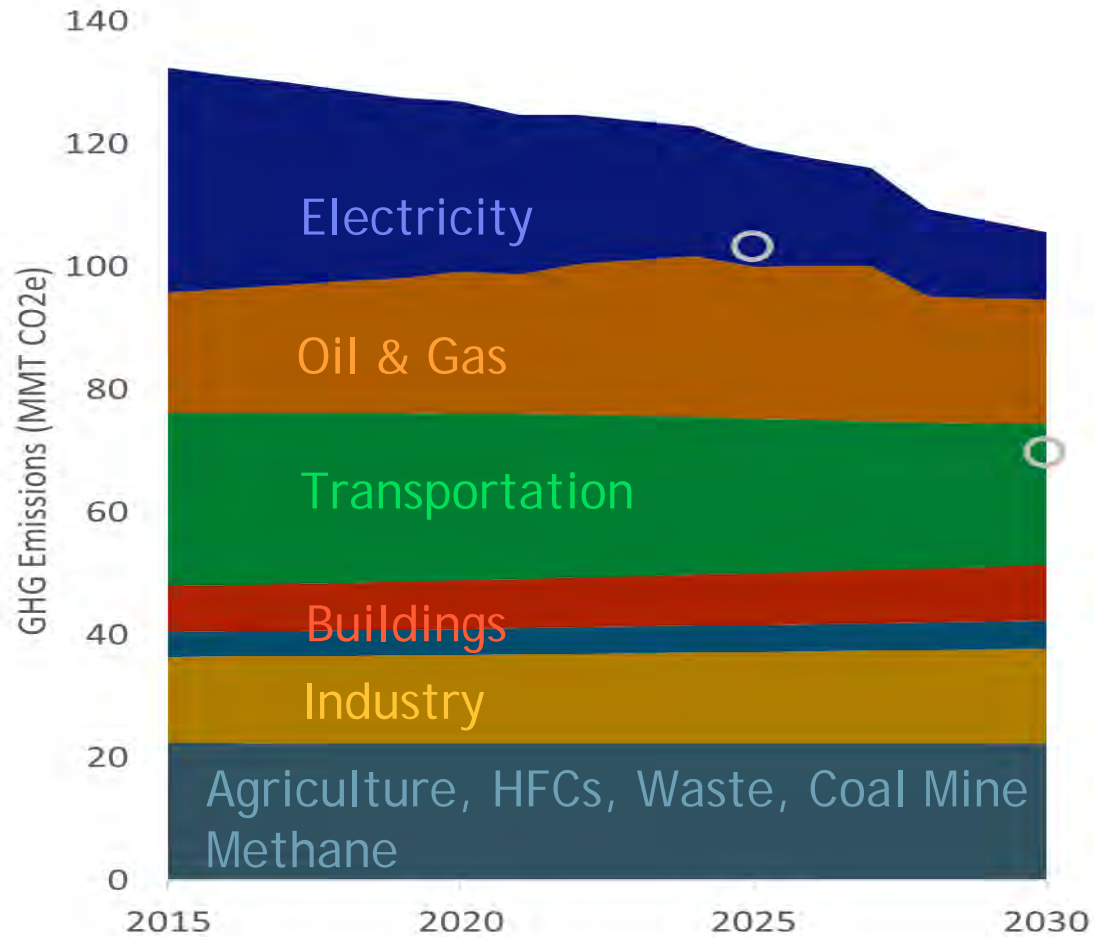
Department of Transportation

Greenhouse Gas Reductions: Transportation Commission Discussion

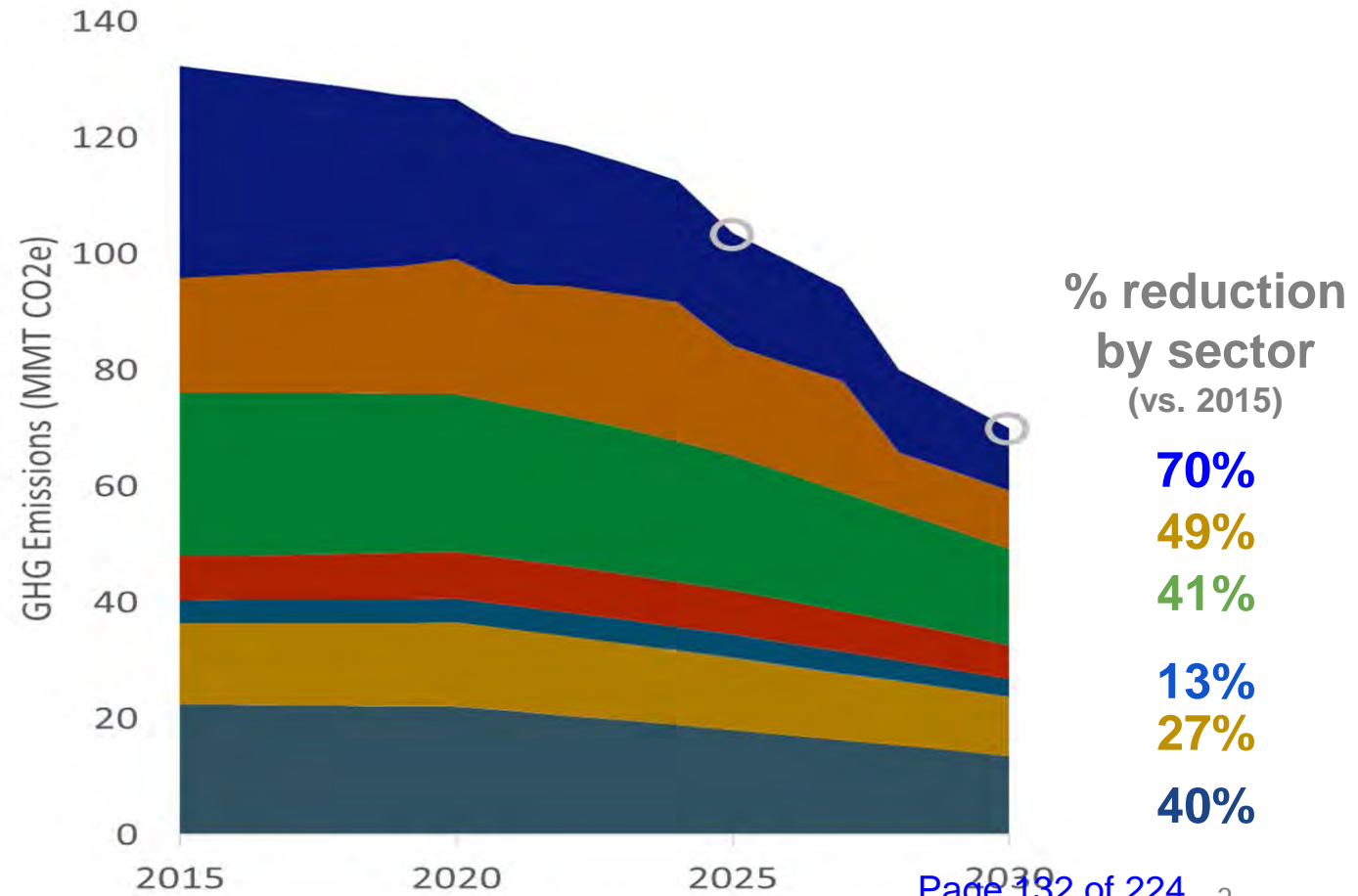
July 15, 2020
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H.B. 1261 Targets: Emissions by Sector



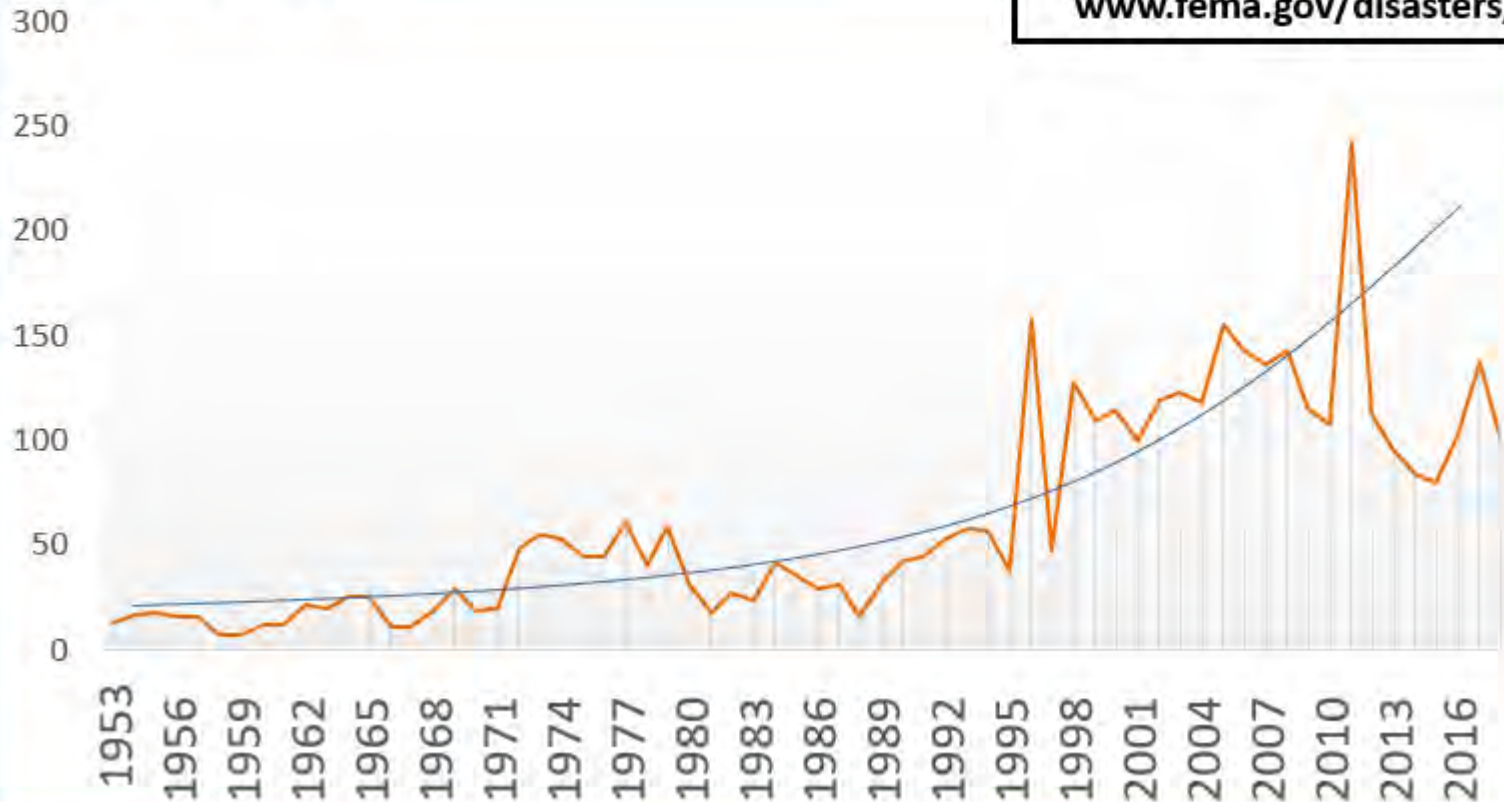
HB 1261 Targets Scenario





Why are we doing this?

U.S. Disaster Declarations Since 1953:



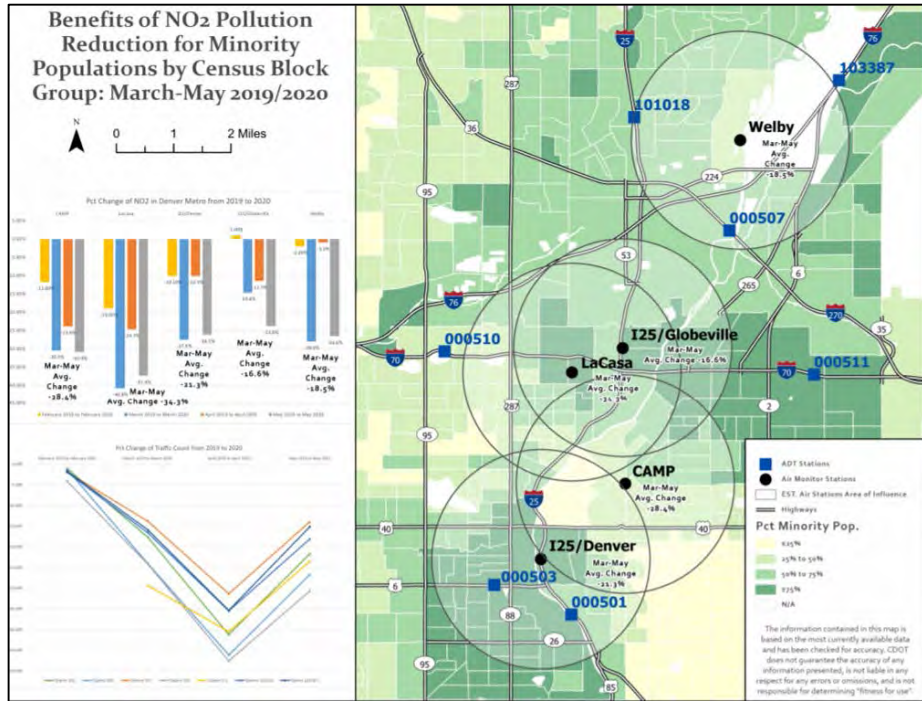
Credit: FEMA, online at www.fema.gov/disasters/year

Extreme weather events result in costly damage to our transportation system are likely to happen more frequently in the future due to climate change.

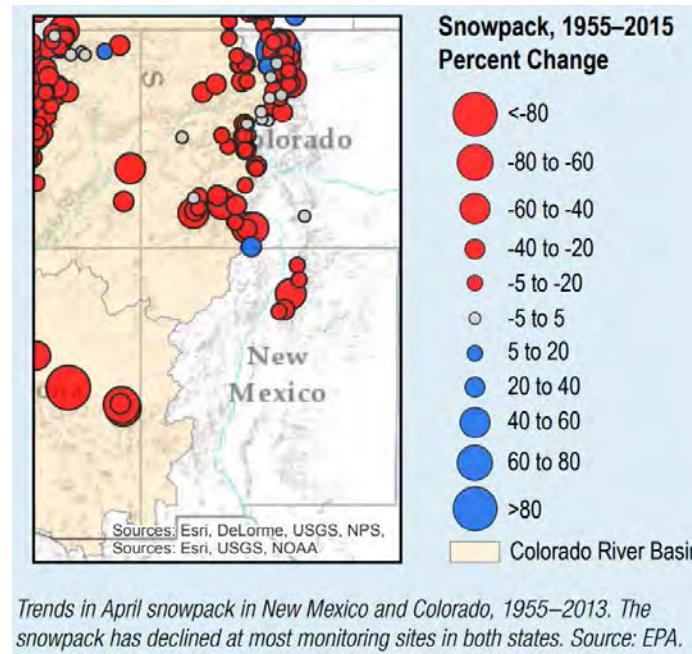
By reducing greenhouse gases, we can potentially reduce the damaging impact of climate change on our infrastructure.



Why are we doing this?



Poor air quality impacts low-income and environment justice communities disproportionately



Orjan F. Ellingvag / Dagens Naringsliv / Corbis via Getty Images

A RIVER RUNS THROUGH ITSELF

40 million Americans depend on the Colorado River. It's drying up.

By Eric Holthaus on Dec 13, 2018



How does this align with Transportation Commission's goals and authorities?

Policy Directives & Guiding Principles

- **PD 14:** Sets policy direction and priorities for CDOT. Current version hints at but does not include measures for environment or sustainability. TC is currently reviewing PD for updates.
- **PD 1901:** Establish goals and direction of CDOT air quality policy requiring CDOT follow the Air Quality Action Plan, which presents CDOT's strategies on reducing air pollution from the transportation sector and tracks emission trends of criteria pollutants (e.g., CO, PM, and ozone) and greenhouse gases.
- **PD 1905:** Commission direction for CDOT to incorporate the concept of resilience into day-to-day CDOT business and use data related to risk to hazards to inform policy decisions.
- **TC's Current Guiding Principles include focus on mobility:** "Extent to which project addresses a mobility need, including congestion reduction, improved reliability, new or improved connections, eliminations of "gaps" or continuity issues, new or improved multimodal facilities, improves efficiency through technology, or improved access to multimodal facilities."

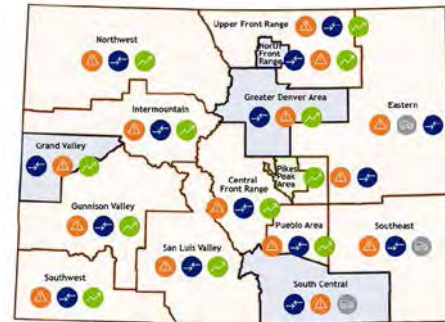
Funding

- Directing project selection for new funding sources (e.g. SB267) to include environmental criteria.
- Support for staff efforts to provide technical assistance, research, and implementation of these programs (incl. FTE).

Mobile sources (vehicles)



Infrastructure (planning and projects)



Potential action steps include:

- **GHG conformity budgets**
- NEPA processes
- Green construction
- Multimodal funding
- Land use

Behavior change (human factors)



Potential action steps include:

- Managed lanes/pricing strategies
- Voluntary/mandatory TDM (marketing and tools to support mobility options)



Mobile Sources: Light Duty

Policy tool	CDOT authority?
Collaboration with other states and Federal government on the next iteration of federal emission and ZEV standards	Collaboration with AQCC, other states and Fed government
Developing infrastructure to support zero emission vehicles, including state and local building codes	Yes, already underway, and in collaboration with other agencies, utilities, CDOT funding programs
Outreach and education to drive consumer adoption	Yes, already underway, and in collaboration with utilities, non-profits, car companies and dealers; CDOT programs
Exploring new business models for high-mileage adoption (i.e. Uber and Lyft)	Collaboration with major fleets; CDOT pilots
Leading by example through green fleet procurement	CDOT procurement policies



While it's unclear what the next few years of consumer demand and vehicle production will look like, there are still many models coming online that will be extremely popular (i.e. RAV4 Plug-in Hybrid). In June 2020, Lyft announced a commitment to 100% electric vehicles by 2030.



Mobile Sources: Medium & Heavy Duty (Transit)

Policy tool	CDOT authority?
Accelerating opportunities for fleet turnover through Federal, state and other funding sources (VW Settlement)	Collaboration with other agencies
Developing infrastructure to support zero emission vehicles, including shared infrastructure at mobility hubs, etc.	Collaboration with other agencies, utilities
Exploring potential adoption of a clean transit standard	Collaboration with AQCC
Exploring new business models for transit (i.e. on demand, smaller shuttles, etc.) which could be more easily electrified	Collaboration with major fleets; CDOT pilots
Working with and assisting transit agencies and maintenance shops in supporting workforce development and ZEV vehicle implementation	Collaboration with transit agencies; CDOT planning grants
Leading by example through green Bustang	CDOT pilots on certain Bustang routes

The Colorado EV Plan set a goal of 100% zero-emission transit vehicles by 2050, and at least 1000 zero-emission transit vehicles by 2030.





Mobile Sources: Medium & Heavy Duty (Freight)



Policy tool	CDOT authority?
<p>Accelerating opportunities for fleet turnover within the conventional truck fleet, through “carrots” and public-private partnerships</p>	<p>Collaboration with other agencies, freight industry; future CDOT funding and implementation in the future</p>
<p>Developing infrastructure to support zero emission vehicles in medium and heavy duty fleets</p>	<p>Yes, build into CDOT planning processes/mitigation; Collaboration with other agencies, utilities</p>
<p>Incorporating clean technologies into key freight corridors and highway projects and developing a strategy for medium/heavy duty ZEV fueling infrastructure along these critical routes</p>	<p>Yes, build into CDOT planning processes/mitigation; collaboration with utilities and industry</p>
<p>Exploring opportunities for cleaner fleets through collaboration with major fleet owners (i.e. UPS and Amazon)</p>	<p>Collaboration with major fleets</p>



Mobile Sources: Medium & Heavy Duty (Freight, cont'd)

Policy tool	CDOT authority?
Exploring potential adoption of Advanced Clean Truck standards for medium and heavy trucks	Collaboration with AQCC
Exploring emission reductions for last mile freight delivery and pickup and deployment of sustainable options	Collaboration with major fleets; CDOT pilots
Working with and assisting truck dealerships and private maintenance shops in supporting workforce development and ZEV vehicle implementation	Collaboration with private industry
Encouraging private fleets to become partners in the voluntary EPA SmartWay Program	Collaboration with private industry
Leading by example through green procurement	CDOT procurement policies





Infrastructure: Conformity budgets and mitigation

(7) General requirements for Determining Aggregate Transportation GHG Emissions in the Transportation Planning Process.

(a) MassDOT shall:

1. Quantify aggregate transportation GHG emissions annually to demonstrate whether the aggregate emissions targets in 310 CMR 60.05(7): *Table* have been achieved.
2. Report to the Department, by July 1, 2019, July 1, 2020 and July 1, 2021, aggregate transportation GHG emissions for the prior calendar year, in an electronic format specified by the Department.

310 CMR 60.05(7): Table

Maximum Annual Aggregate Transportation GHG Emissions	
Calendar Year	Maximum Allowable Aggregate Transportation GHG Emissions (million metric tons of CO ₂)
2018	24.582
2019	24.122
2020	23.682

Policy tool	CDOT authority?
Expand efforts to quantify emissions for all capacity-expansion efforts	Yes, in collaboration with local partners
Implement tighter conformity budgets and tools that address or mitigate the impacts of transportation projects	Could be done through regulation, subject to 1261



Example: Project Mitigation



Many other tools could be used to mitigate the greenhouse gas and air quality impacts of a project, such as charging infrastructure, fleet replacements along specific corridors, bike, pedestrian and transit improvements, etc.



Infrastructure: NEPA/ Environmental Requirements

- CDOT's approach has generally been to document project GHG emissions and compare these to total, statewide emission levels.

Policy tool	CDOT authority?
Expand consideration of GHGs in CDOT NEPA processes	Yes, already underway.
Work with local governments/MPOs to encourage similar actions	Collaboration with local partners, technical assistance





Infrastructure: Green Construction Practices

Policy Tool	CDOT Authority?
Clean Diesel Equipment: Contract requirements mandating use of new or retrofitted equipment.	Yes
Low Carbon Fuels	No
Cement with lower GHG lifecycle emissions	Yes
Use of recycled concrete and asphalt	Yes
On-site efficiencies (use of conveyor belts vs trucks)	Yes
Landscaping and composting techniques	Yes

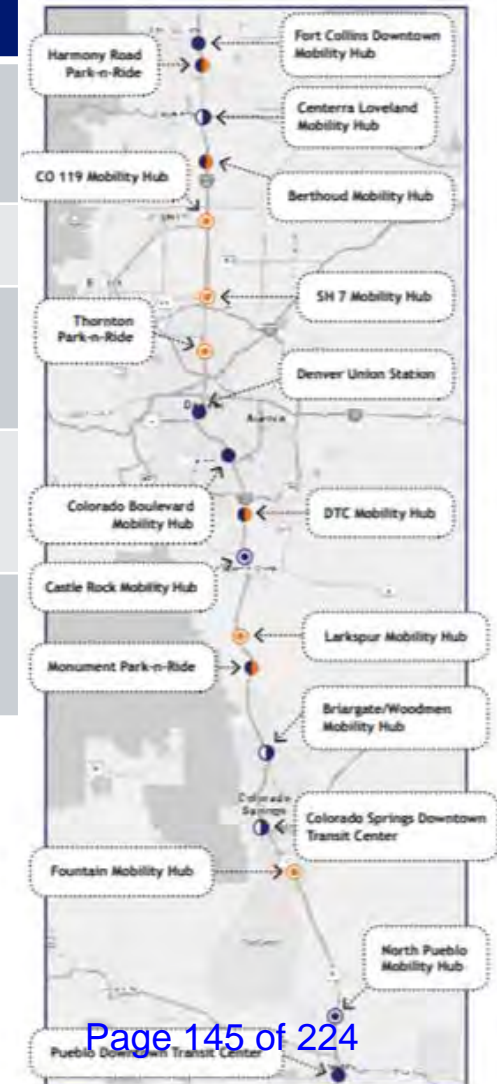




Infrastructure: Increased Multimodal Funding

Policy tool	CDOT authority?
Utilize existing CDOT resources to fund more state and local multimodal investments	Yes, some limitations on what could be used for operations
Seek Federal funding for new multimodal investments	Yes
Legislative action to provide new sources of transportation revenue, including multimodal options	No
Utilize mitigation resources to support additional transit (i.e. create managed/transit-only lanes)	Yes, pending action from the AQCC
Coordinate funding with MPOs and local governments to encourage multimodal funding	Collaboration with local governments

I-25 Mobility Hubs





Infrastructure: Land Use Planning



Quick Glance Findings

Residents who live and work in Elbert County

12%

Elbert County workers who commute to the Denver Metropolitan Area

64%

Elbert County workers who commute to El Paso County

8%

Policy tool

CDOT authority?

Legislative action to require certain land uses

No

Utilizing CDOT Access Control Permits to encourage land use priorities

Yes, 1601 process already underway, in collaboration with local governments on what meets their community needs

Encourage transit-oriented development around CDOT-funded mobility hubs and technical assistance

Yes, in collaboration with local governments

Collaborate with MPOs to encourage sustainable land use

In collaboration with MPOs

Indirect source (sources which generate or attract motor vehicle activity) rules

AQCC rulemaking, likely enforcement by CDPHE, with technical implementation assistance from CDOT, MPOs



Behavior Change: Transportation Demand Management (TDM)

Policy tool	CDOT authority?
Partnerships with large employers to encourage telework, pricing parking, incentivize walking, biking and transit	Collaboration with private sector
Utilize CDOT and DRCOG's existing efforts (including grants) and COVID pandemic as an opportunity to encourage extended telework efforts	Yes, funding and technical assistance in collaboration with MPOs
Mandatory TDM measures for large employers required if DMNFR goes into severe non-attainment.	EPA/AQCC authority; CDOT technical assistance for mitigation





Behavior Change: Pricing Transportation

Policy tool	CDOT authority?
<p>Utilizing managed lanes and tolls to control traffic flows, fund expansion projects, and create space for managed uses (i.e. transit-only lanes), can create opportunities to encourage more transit use and reduce VMT.</p>	<p>Yes</p>
<p>Local or regional transportation pricing (such as congestion pricing or parking caps/fees)</p>	<p>No. Collaboration with local governments.</p>
<p>Legislative action to support new funding mechanisms (such as a road usage charge)</p>	<p>No, but CDOT pilots can explore feasibility</p>





Next steps/Discussion

- 1. Knowing that we have to meet these critical targets, what do we think will be most impactful?*
- 2. What obstacles stand in the way of making progress?*
- 3. What would be useful for us to model in terms of cost/benefit?*
- 4. Some Commissioners were interested in a 10% VMT reduction goal. How can we best achieve that goal?*
- 5. How should this be reflected in PD 14 or other policy documents?*



Info Only: Innovative Mobility Priorities

In Spring 2020, the Transportation Commission finalized approval of the Innovative Mobility budget. A more detailed presentation on next steps will follow in the next few months, utilizing feedback from this discussion. Key priorities since approval have included:

- Moving forward charging infrastructure projects across the State
- Supporting the goals of the Colorado EV Plan, such as transit and heavy duty electrification planning
- Utilizing TDM funds to support an innovative teleworking grant that promotes public health, reduces congestion and emissions, in addition to tools to encourage multimodal options
- Delivering a cost-effective, data-driven approach to connected vehicle deployments
- Developing a long-term autonomous vehicle strategy and approving deployments such as EasyMile food delivery to help with COVID crisis



North Front Range MPO Area - Project Status Updates (Aug 2020)

<u>Roadway / Segment</u>	<u>Status</u>
SH14	
SH14 Safety work west of Ted's Place	<i>Advertising Summer 2020</i>
I-25	
Design /Build (SH402 to SH14)	<i>Construction is underway. Several closures and lane shifts happening for bridge and culvert work</i>
Mulberry to WYO Cable Rail	<i>Construction is underway. 30 day delay due to COVID</i>
Segment 6 (SH56 to SH402) (CMGC)	<i>Construction is underway. Additional construction work will start later in 2020/2021.</i>
I25 Parallel Arterial Study / Design	<i>Design at 30%</i>
I25 Sign Replacement Fort Collins to WYO	<i>Advertising in Aug 2020</i>
US34	
US34 & US85 Interchange	<i>In design</i>
US34 & Weld County Rd 17 Interchange	<i>In design</i>
US34 & 35 th Ave Interchange	<i>In design</i>
US34 & 47 th St Interchange	<i>In design</i>
US85	
US85 Drainage and Irrigation Ditch Repair	<i>In design</i>
O Street Intersection Improvements	<i>In design. Fall 2020 Ad</i>
SH257	
Windsor Resurfacing	<i>In design</i>
Windsor Resurfacing- Eastman Pwky to US34	<i>In design</i>
Signals at US34	<i>In design</i>
US287	
Foothills Parkway Intersection	<i>Construction is complete</i>
ADA Ramp Projects	
Fort Collins	<i>In design</i>



Notice of Meeting and Agenda

Air Quality Control Commission GHG Strategy Subcommittee

August 18, 2020 at 1:00 p.m.

[ZOOM LINK: August 18, 2020 Meeting](#)

This Air Quality Control Commission Greenhouse Gas (GHG) strategy subcommittee meeting will be held virtually, in accordance with guidance from the Colorado Department of Public Health and Environment and the Centers for Disease Control and Prevention, related to the COVID-19 pandemic.

There will be no in-person participation for this August 18, 2020 meeting. For more information on the virtual meeting, please refer to the Air Quality Control Commission website <https://www.colorado.gov/pacific/cdphe/aqcc>. This meeting will be recorded.

To register to attend this meeting, please use the Zoom meeting link shown above.

The public is encouraged to provide written comments on [Potential Next Step Rulemakings](#) for GHG reductions by August 11, 2020 to the Commission's email address at cdphe.aqcc-comments@state.co.us

AGENDA

- | | |
|------|--|
| 1:00 | Introductions |
| 1:05 | Identification of Sector Based GHG Mitigation Strategies, Estimated Emissions Reductions, and Prioritization on AQCC Long Term Calendar <ul style="list-style-type: none">• Electricity• Oil and Gas• Buildings and Structures• Transportation• Other |
| 2:15 | Discussion regarding contingency process |
| 4:45 | Discuss need for additional meetings |
| 5:00 | Adjourn |



Notice of Meeting and Agenda

August 20, 2020

[ZOOM LINK: August 20, 2020 Meeting](#)

This Air Quality Control Commission meeting will be held virtually, in accordance with guidance from the Colorado Department of Public Health and Environment and the Centers for Disease Control and Prevention, related to the COVID-19 pandemic.

There will be no in-person participation for this August 20, 2020 meeting. For more information on the virtual meeting, please refer to the Air Quality Control Commission website <https://www.colorado.gov/pacific/cdphe/aqcc>. This meeting will be recorded.

To register to attend this public meeting, please use the Zoom meeting link shown above. If you wish to provide oral public comment during this meeting, you must register to attend the meeting and separately fill out the following Google form: [AQCC August 20, 2020 Public Comment Form](#)

IMPORTANT: Please note that a public comment session of approximately an hour will be held at the beginning of this meeting where you are invited to provide oral comments on any air pollution issue of your choosing, whether it is on the agenda or not. Oral public comments will not be accepted following agenda items for this meeting. The public is encouraged to provide written comments to the Commission's email address at cdphe.aqcc-comments@state.co.us

August 20, 2020 | 9:00 a.m.

9:00 **Call to Order:** Determination of a Quorum

9:05 **Public Comment:** At this time, the public is invited to provide oral public comment on **any air pollution issue of their choosing**. The Commission will not take action on issues discussed during this general public comment period; such matters may be scheduled for further discussion or action at a later date. If you wish to provide oral public comment during this time, you must register to attend the meeting using the link above and separately fill out the following Google form.

Oral public comments following agenda items will not be accepted during this meeting. If you wish to provide written public comments on an agenda item, clearly state the subject of your comments in the subject line and then email them to cdphe.aqcc-comments@state.co.us

The commission will close registration for oral public comment if it fills to the maximum number of persons that can provide comment during the allotted timeframe, at which time notification will be posted on the commission website and the oral public comment registration form will be deactivated. If you wish to provide oral public comment, we strongly encourage you to attend the meeting using your computer, tablet, or Zoom smartphone app.

10:00 **CONSENT AGENDA**
The Commission will vote on Agenda Item 1 as part of the Consent Agenda. Adoption of the Consent Agenda allows the Commission to consolidate voting on agenda items that do not need to be discussed individually and for which presentation of additional information is not required or necessary.

APPROVAL OF MINUTES

1. **June 17, 2020, June 18, 2020 and July 16, 2020 Meeting Minutes**
Review and approval of the June 17, 2020, June 18, 2020 and July 16, 2020 meeting minutes of the Commission.

REGULAR AGENDA

- 10:05 REQUEST FOR RULEMAKING HEARING (NOVEMBER 19, 2020)
2. **Regional Haze State Implementation Plan, Regulation Number 3 and Regulation Number 23**
The Division will request that the Commission set a hearing to consider revisions to the Regional Haze SIP and Regulation Number 3 related to the control of NOx/SO2/PM emissions from certain Reasonable Progress sources identified as impacting Class I areas. The Division will propose moving Regional Haze SIP provisions currently in Regulation 3, to a new Regulation 23, making related revisions to Regulation 3. These Regional Haze SIP revisions will be followed in early 2021 with a proposal to set a hearing considering adopting Colorado's Regional Haze SIP in full. This proposal will also contain components that address SB19-181 and HB19-1261.
- 11:00 Break
- 11:10 BRIEFINGS, DISCUSSIONS AND REPORTS
3. **Cannabis Operations**
The Division will brief the Commission on efforts to understand emissions from the cannabis sector in Colorado, including development of best management practices, of a benchmarking tool, and development and implementation of an emissions study.
- 11:50 Lunch
- 12:30 4. **Pneumatics Task Force**
The Pneumatic Controllers Task Force will present its recommendations to the Commission in response to the Commission's 2017 directives related pneumatic controllers in the Denver Metro/North Front Range Ozone Nonattainment Area.
- 1:15 5. **Disproportionately Impacted Communities Framework**
The Division will provide an update to the Commission on a draft framework for identifying disproportionately impacted communities as they relate to HB19-1261.
- 2:00 6. **Regulation Number 7**
The Commission will consider a Motion for Reconsideration filed by the National Parks Conservation Association on July 24, 2020 asking the full commission to determine whether the Commission intended the scope of the hearing to include consideration of an alternative proposal for new regulations applying to engines below 1000hp.

7. Executive Session

Pursuant to C.R.S. § 24-6-402(3)(a)(II), the Commission may enter into an executive session with its legal counsel to receive legal advice regarding the complaint filed against the commission in Denver District Court by WildEarth Guardians. Only the Commission, its staff and counsel are permitted to attend executive sessions. A separate video conference will be conducted for this purpose.

8. Division Director's Report - Garry Kaufman

- Monthly activities report

9. Attorney General's Report - Tom Roan

- Update on legal issues and recent court actions

10. Administrator's Report - Trisha Oeth

- Review draft September meeting agenda
- Review of GHG Roadmap Subcommittee meeting
- Review of meeting action items

Adjourn

ANNOUNCEMENTS

Next Executive Committee Meeting: August 27, 2020 at 8:00 a.m.

This meeting will be held remotely via a conference call only. If members of the public would like to listen in on the call, please contact the Commission Office via email at cdphe.aqcc-comments@state.co.us in advance of the meeting. Please note that public comment is not accepted at executive committee meetings.