

# Colorado Round 2 Reasonable Progress SIP

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Group Meeting

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**COLORADO**

**Air Pollution Control Division**

Department of Public Health & Environment

# OVERVIEW

**Phase 1 - December 2020**

**Phase 2 - December 2021**

**Legislative Review 2022**

**EPA Submission - May 2022**

**Completeness Determination  
Letter - August 2022**





# Phase 2 Sources

CEMEX Portland Cement Plant (Lyons, CO)	Molson Coors Boiler Support Facility (Golden, CO)
Utilities Nixon Coal Handling (Fountain, CO)	PSCo Comanche Station Unit 3 (Pueblo, CO)
Utilities Clear Springs Ranch Sludge Handling & Disposal Facility (Fountain, CO)	PSCo Hayden Station Units 1 and 2 (Hayden, CO)
Utilities Front Range Power Plant Turbines 1 & 2 (Fountain, CO)	PSCo Pawnee Station Unit 1 (Ft. Morgan, CO)
Denver International Airport (Denver, CO)	PSCo Cherokee Turbines 5 & 6 (Denver, CO)
EVRAZ Rocky Mountain Steel (Pueblo, CO)	Rocky Mountain Bottle Co. (Wheat Ridge, CO)
<b>GCC Portland Cement Plant (Pueblo, CO)</b>	<b>Suncor Refinery (Commerce City, CO)</b>
<b>Holcim Portland Cement Plant (Florence, CO)</b>	Tri-State Craig Cooling Towers 1, 2, 3 (Craig, CO)
Manchief Generating Station Turbines 1 & 2 (Brush, CO)	

Red text indicates facilities for which an alternate proposal has been submitted



# Phase 2 Reductions

Table 4: Potential Visibility Impairing Pollutant Reductions			
Facility/Unit	NO <sub>x</sub> (TPY)	SO <sub>2</sub> (TPY)	PM/PM <sub>10</sub> (TPY)
Nixon Coal Handling*	NA	NA	0
Hayden Unit 1*	237	840	9
Hayden Unit 2*	275	883	17
Hayden Coal Ash Handling/Disposal and Unpaved Haul Roads	NA	NA	24
Pawnee Unit 1**	0	1,580	20
Suncor Plant 2 SRU	NA	18	NA
Suncor Heater H-37	3	NA	NA
Suncor Boiler 4	80	NA	NA
TOTAL	595	3,321	70
GRAND TOTAL		3,986	

\*Reserved for netting or offsets, not included in reductions:

Nixon Coal Handling: 22.42 TPY PM<sub>10</sub>

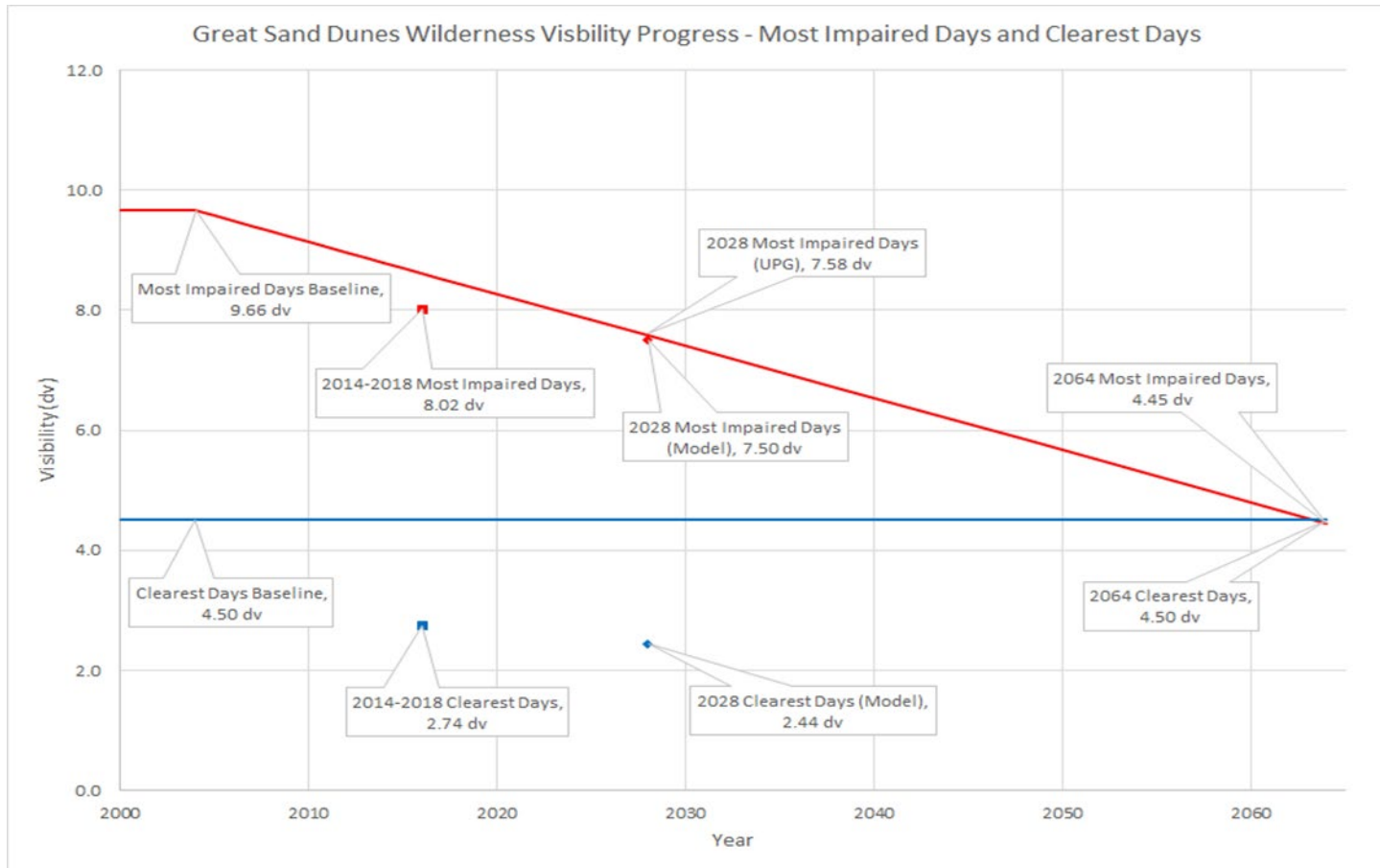
Hayden Units 1 and 2: 28 TPY SO<sub>2</sub>, 22 TPY PM<sub>10</sub>, 135 TPY NO<sub>x</sub>

Suncor Heater H-37: 6.14 TPY NO<sub>x</sub>

\*\*Reductions anticipated if proposed voluntary fuel conversion is implemented, based on Division experience with previous conversion projects.

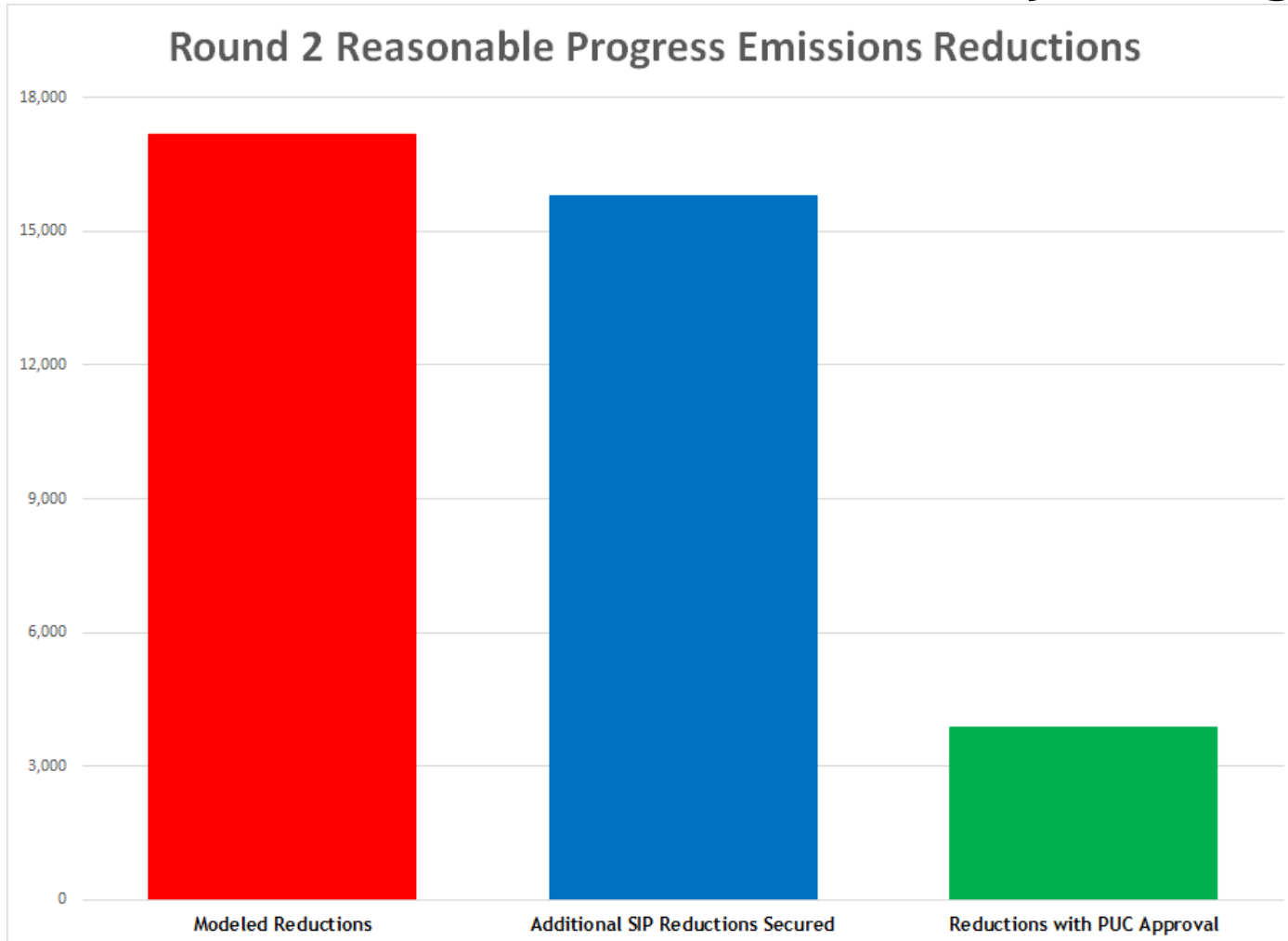


# Great Sand Dunes Wilderness





# Combined NOX, SO2, and PM Emissions Reductions by Category





# Round 2 Planning Outcomes

**R** Real and meaningful emissions reductions are secured

**P** rescribed, Enforceable requirements to ensure reductions are achieved and maintained

**S** upported with extensive technical analyses

**I** terative planning expands on Round 1 and prepares for Round 3

**P** rogress is demonstrated for all Class 1 Areas in Colorado