

Colorado – International Mining Center

Colorado School of Mines – founded
1874

Denver – infrastructure of expertise

Headquarters to hundreds of
companies engaged in mining
worldwide





Colorado Mining Association

- Oldest State Mining Association
 - 140 years old
 - 19 Member Board of Directors
 - 622 Members
- 




Mission & Vision

Mission

- **Honor Colorado's world class mining heritage and continue to grow safe, sustainable and responsible mining across the mine lifecycle through education, advocacy and meaningful engagement in collaboration with local communities, policy makers and members of the public.**

Vision

- **Americans recognize and embrace the importance and benefit of responsible mining to sustain and improve everyone's quality of life for generations to come.**
- 

Mining in Colorado

- Accounts for 70,000 Jobs
- \$8.8 Billion to CO Gross Domestic Product (GDP)
- Top US Gold Producer
Acquires State's Top Gold Mine



2017 Excellence in Reclamation Awards



COLORADO

**Division of Reclamation,
Mining and Safety**

Department of Natural Resources

Excellence in Coal Reclamation

Colowyo Mine

Colowyo Coal Company L.P.

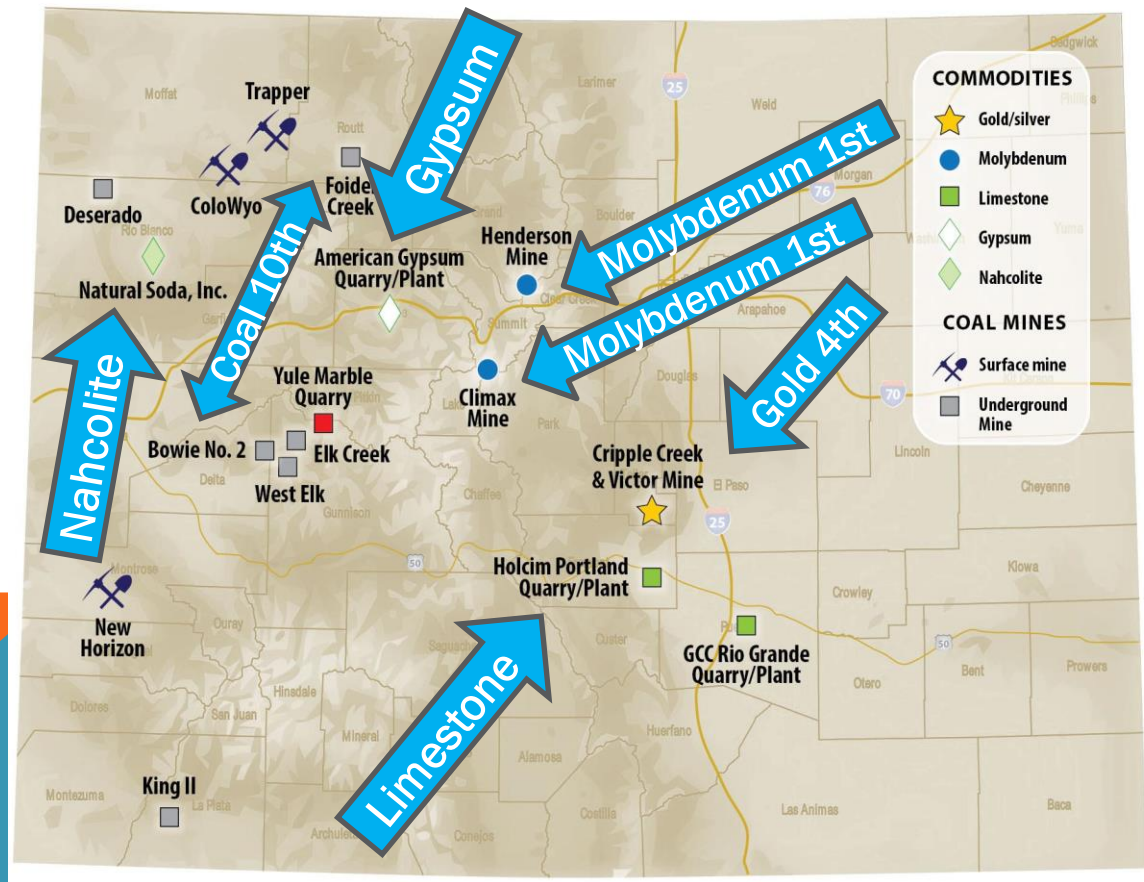


Excellence in Hardrock Reclamation

Cripple Creek and Victor Mine
Newmont



Mining Colorado's Heritage and its Future – Colorado Ranks



Molybdenum

Added to stainless and alloy steels for anticorrosive and strength qualities

It is used in many of the products used in households and industry:

- Refines and removes sulfur from petroleum products
- Used in automobiles, motorcycles, bicycles, industrial, lab, and hospital equipment and parts
- Heat sinks, computers
- Toothpaste, WD-40, light bulbs, cooking utensils, paint, and so much more.



Colorado Ranks 1st!



Thin Film Applications



Photovoltaics (Solar Cells)

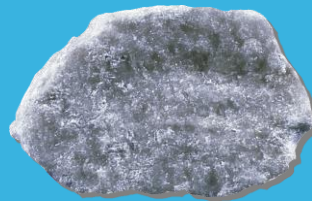


Flat Panel Displays

Gypsum

- Primarily used in wallboard and plaster products
- Also used to make Portland cement
- Used in small amounts in agricultural applications
- Pure gypsum is used in glass-making
- Demand increasing with recovery in housing market

Mined in Colorado!



Limestone

- Used as aggregate, and in cement and other building materials
- Used in industrial air filters to remove sulfur from exhaust gases
- Used in water treatment and filtration
- Used in the construction of pads for wind towers



Mined in Colorado!



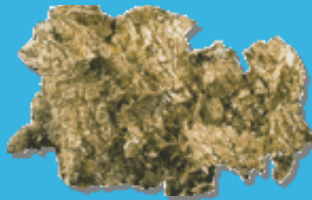
Gold

Used in a variety of products and industries including:

- Currency and jewelry
- Medicine and dentistry
- Cell phones, MP3 players, and automobile airbag control panels



Colorado ranks 4th!



Nahcolite – Pure Sodium Bicarbonate

- Colorado has only significant pure sodium bicarbonate reserves in U. S.
- Used in animal feed, flue gas desulfurization – lowering power plant emissions
- Other uses, baking soda and toothpaste
- Production will increase substantially

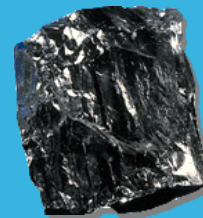


Mined in Colorado!

Coal

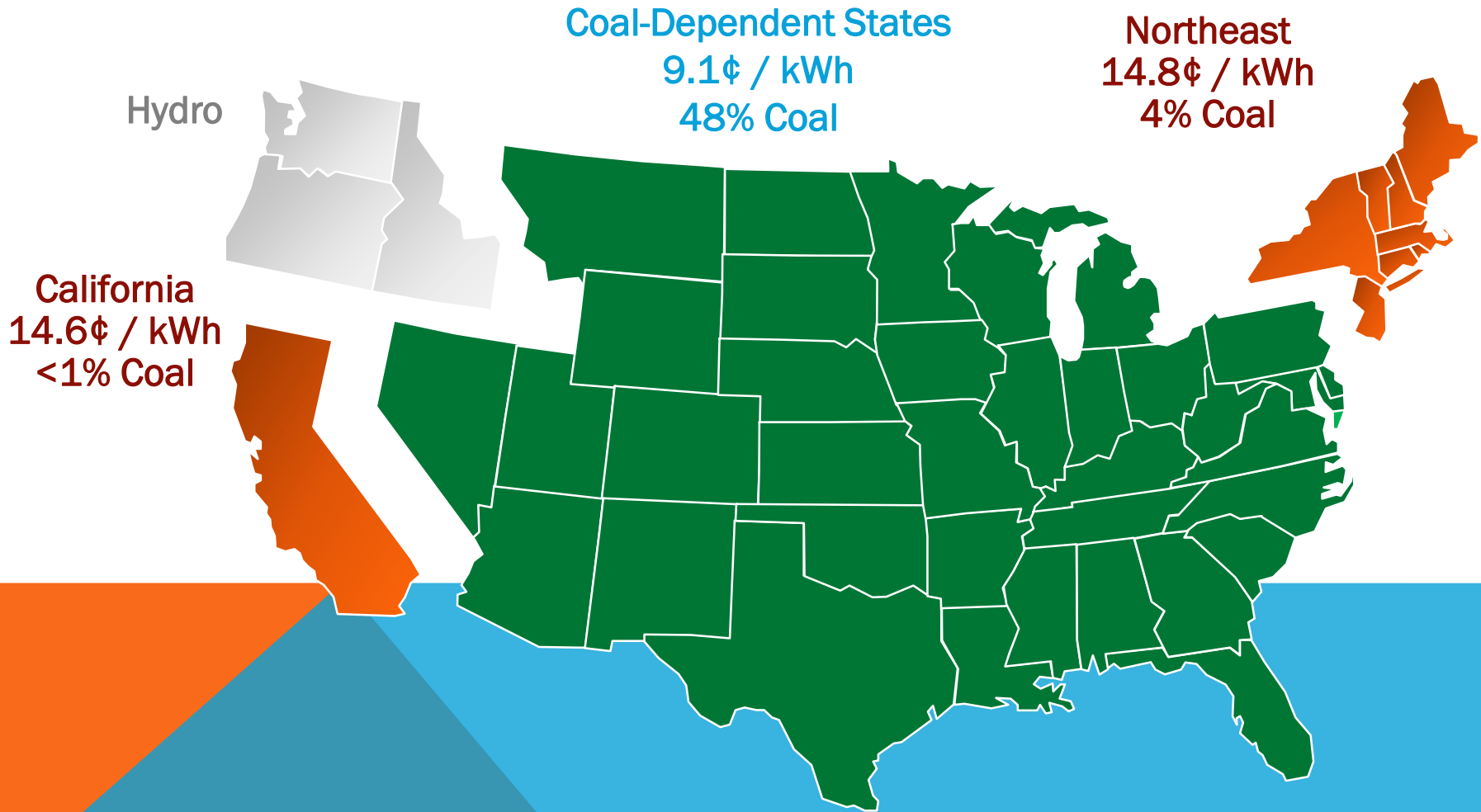
- Clean coal is used to produce 52% of Colorado's electricity
- High Energy Content – low sulfur fuel of choice throughout the world
- Mine workers – average wages and benefits \$135,000
- Mining operations anchor rural economies
- Colorado ranks 4th among the states in royalty payments

Colorado Ranks 10TH among the U.S., according to EIA, but fell to 14th in 2016



Key Competitive Advantage Low-cost Electricity From Coal

“Green States” Pay Considerably Lower Rates for Electricity



The War on Coal is Over

With production up, advocate declares 'war on coal is over'

Steamboat Springs, May 25, 2018

An increase in production at the local, state and national level has prompted a bold statement from the leader of a Colorado organization that advocates for the coal industry.

"Certainly, the war on coal is over from a national perspective, at least from the White House and Congress," said Stan Dempsey, president of the Colorado Mining Association. "We think that the industry has benefited from a pretty dramatic change in the attitude and certain public policy decisions that the Trump administration has enacted."



Why An Industry Lobbyist Thinks There Was A 'War On Coal' And Why It's Over,

Colorado Public Radio, April 16, 2018

Colorado coal rebounds under new guidance

The Daily Sentinel, February 3, 2018



President Donald Trump

- America First Energy Policy
- Regulatory Freeze and Review
- Executive Orders
- Appointments
- Tax Reform



“The Trump Administration is also committed to clean coal technology, and to reviving America’s coal industry, which has been hurting for too long.”

EPA Administrator Scott Pruitt

- CERCLA Financial Assurance Rule Not Signed
- Repeal of Clean Power Plan
- Waters of the U.S.
- New Source Review Reform
- Appointment of Doug Benevento Region 8 Administrator



“The Trump Administration is also committed to clean coal technology, and to reviving America’s coal industry, which has been hurting for too long.”

Secretary Ryan Zinke

- Ending the Coal Leasing Moratorium on Federal Lands
- Leasing Act Royalty Valuation
- Sage Grouse Withdrawal
- Modification to Monuments
- SMCRA FWS Biological Opinion
- Social Cost of Carbon Guidance



“The Trump Administration is also committed to clean coal technology, and to reviving America’s coal industry, which has been hurting for too long.”

National Mining Association – Work Still To Be Done

Completed in Red...Some of the Language

Abandoned Mined Land Fund and Fee

BLM Planning 2.0

CERCLA Financial Assurance

Coal Combustion Waste

Coal Dust

Clean Power Plan

CAA NAAQS Review Cycles

Clean Water Act Groundwater Permitting

CWA Hazardous Substance Spill Regulations

CWA Quality Criteria

CWA Vetoes

Coal Leasing Moratorium

Compensatory Mitigation Rule

Cross State Air Pollution

Definition of Solid Waste

DOI Mitigation Requirements

- Endangered Species Act
- Federal Black Lung Program
- Good Samaritan Reform
- Hydrologic Alteration Technical Report
- Land Access and Mineral Withdrawals
- Leasing Act Royalty Valuation
- Mercury Air Toxics Standards (MATS)
- MSHA Pattern of Violation Regulation
- MSHA MNM Workplace Examinations
- MSHA Right-Sizing
- Multi Development Bank Policy
- NEPA GHG Guidance
- New Source Review
- NPDES Updates Rule
- NSPS New Power Plants
- OSM Blasting
- OSM Bonding
- OSM Temporary Cessation of Operations
- Ozone NAAQS
- Permit Streamlining
- Policy Support for Baseload Generation
- Power Plant ELGs
- Regional Haze
- Sage Grouse Withdrawal
- SMCRA FWS Biological Opinion
- Social Cost of Carbon Guidance
- Stream Protection Rule
- Surface Transportation Board Vacancies
- Tax Reform
- Toxics Release Inventory Reporting
- Waters of the US

Federal Actions Regarding Colorado Mines

- Approval of West Elk Lease Expansion and Colorado Roadless Rule
- Approval of GCC Lease Expansion
- Awaiting Approval of Twentymile Royalty Reduction Application
- Awaiting Approval of Trapper Royalty Reduction

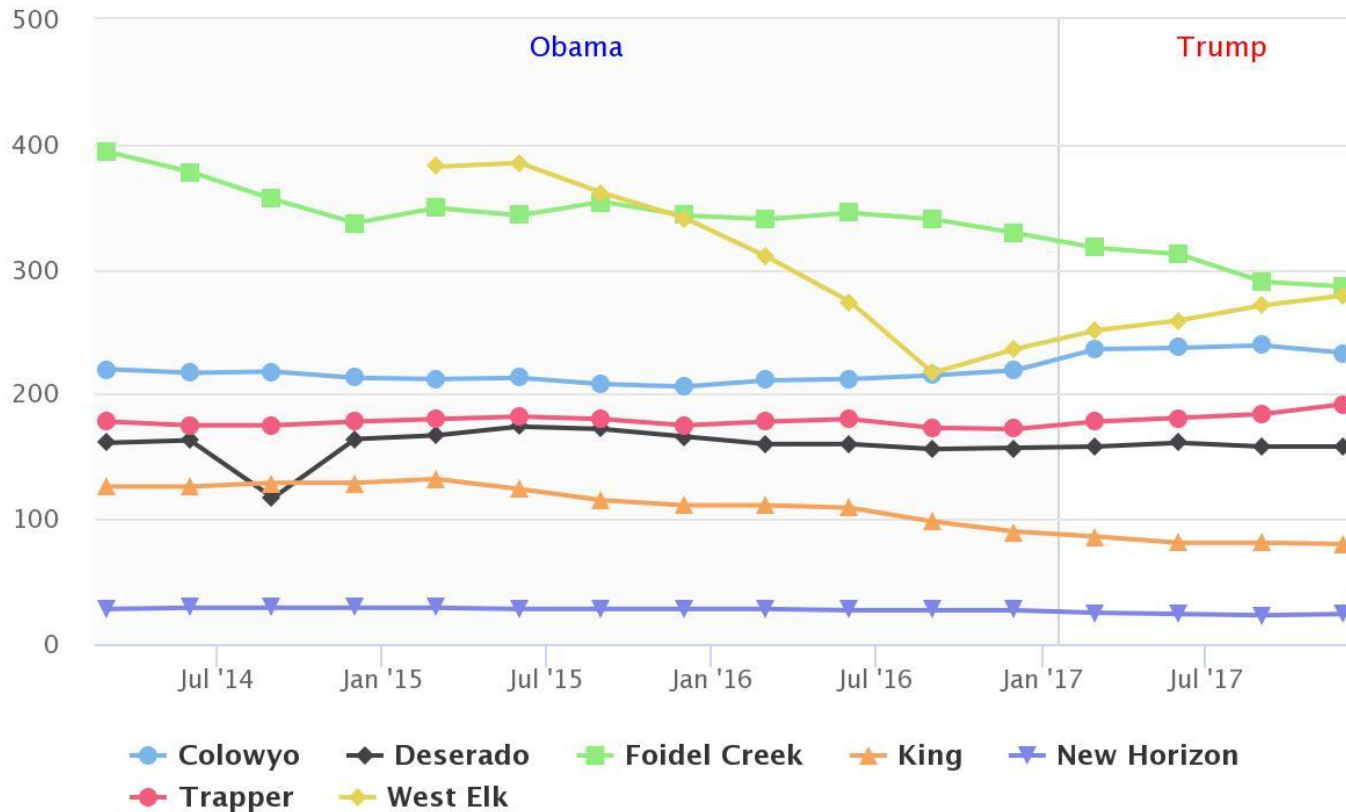


COLORADO PUC APPROVED ACTIONS RELATED TO HB 10-1365

Generating Plant	Size	Action	Compliance Date
Cherokee 1	107 MW	Retirement	2011
Cherokee 2	106 MW	Retirement	2011
Cherokee 3	152 MW	Retirement	2015
Cherokee 4	352 MW	Conversion	2017
Arapahoe 3	45 MW	Retirement	2013
Arapahoe 4	111 MW	Conversion	2014
Valmont 5	186 MW	Retirement	2017
Hayden 1	139 MW	Controls	2015
Hayden 2	98 MW	Controls	2016
Pawnee	505 MW	Controls	2014
W.C. Clark	51 MW	Retirement	2017

Source: Governor's Energy Office: January 11, 2011

Coal Mine Employment



2016 Coal Report



Colorado ranks
13th in coal
production



55% of Colorado's
electricity comes
from coal



Clean Colorado coal
keeps electricity
affordable



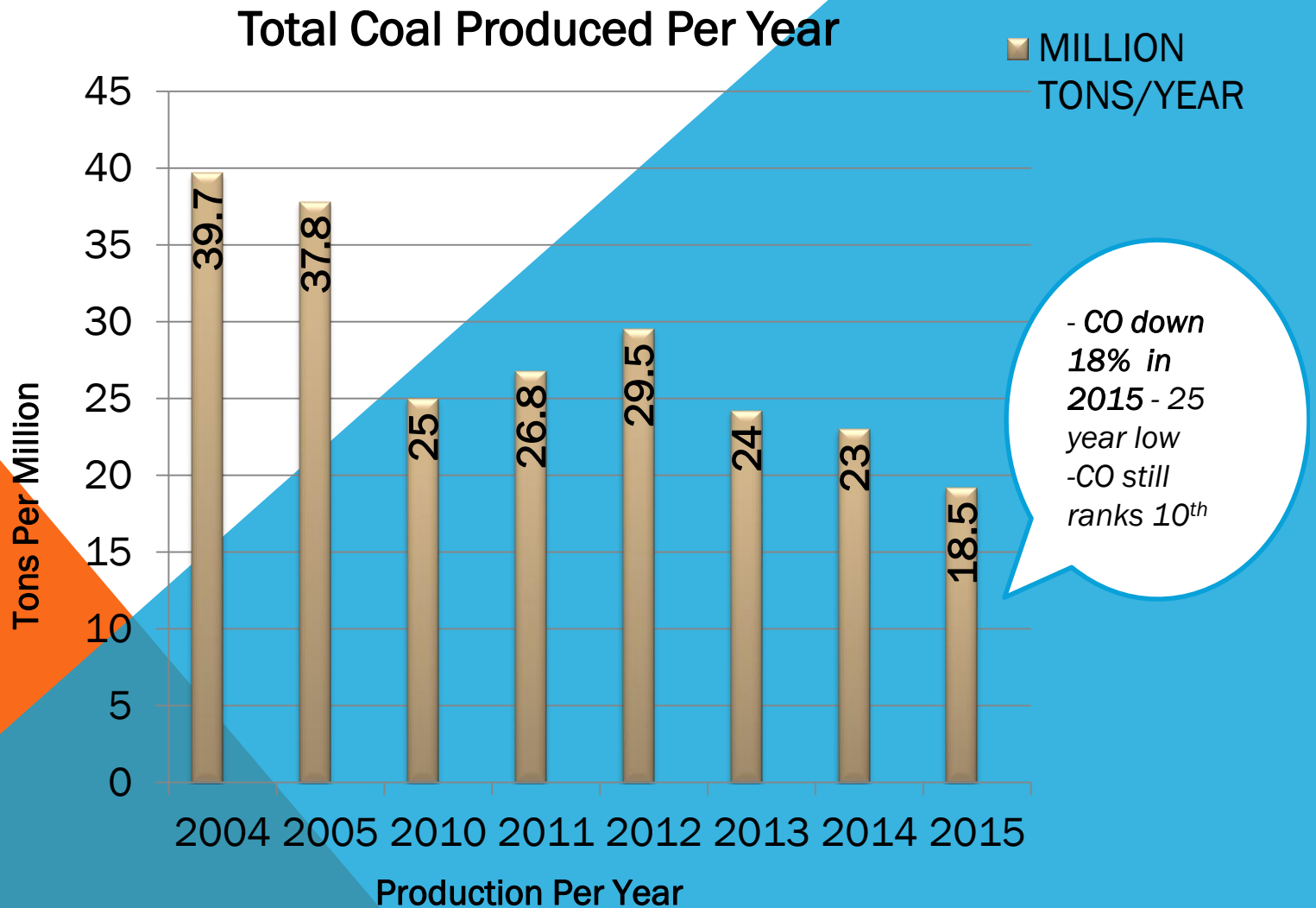
Federal coal
royalties fund
Colorado public
schools

Total Coal Produced	12,564,317 Tons
Total Coal Sold In State	6,721,544 Tons
Total Coal Sold Out of State	6,014,403 Tons
Coal Sold Outside of U.S.	221,190 Tons
Number of Mine Employees	1,211
Total Mine Employment <i>(Including contract miners)</i>	2,759*
Total Indirect Employment	15,000*
Total Payroll & Benefits	\$166,438,145
Average Pay & Benefits per Employee	\$137,439
Property Taxes	\$ 9,943,776
Severance & Sales Tax	\$ 5,885,904
Black Lung Taxes	\$ 10,736,569
Abandoned Mine Land Fees	\$ 2,067,042
Federal/State Royalties	\$ 38,788,010
Royalties Paid to Private Landowners	\$ 3,647,575
Total Taxes, Royalties and Payroll	\$ 237,507,021
Total Sales Value of Production	\$ 510,228,218
Equipment, Services and Supplies	\$ 238,014,914

*Source: National Mining Association

IMPACT ON COLORADO COAL PRODUCTION

DIRECT LINK TO EPA REGS, STATE POLICIES TO REDUCE COAL USE OR MANDATE HIGHER COST ENERGY



100% PROMISES

Several candidates for governor have discussed this one way or another.

Congressman Jared Polis promises or pledges or has a goal of 100% by 2040

Mike Johnston calls his plan “100 by 40”


<https://www.youtube.com/watch?v=o80vcfUZDC>

Y

Not another fossil fuel fired power plant permitted...

Courtesy - Independence Institute

CMA POLICY RECOMMENDATIONS

- Support and Fund a Strong Colorado Mining Regulatory Program – Department of Natural Resources (Division of Reclamation, Mining and Safety) and Colorado Department of Public Health and Environment
 - Act With Caution Prior to Changing Colorado Mining or Environmental Statutes
 - Support Congressional Action to Enact “Good Samaritan” Legislation Encouraging Cleanup of Legacy Mining Sites
 - Don’t Pick Winners and Losers
- 

2017 Excellence in Safety Awards



COLORADO

**Division of Reclamation,
Mining and Safety**

Department of Natural Resources

Outstanding Safety Performance

King II Mine

GCC Energy, LLC



Outstanding Safety Performance

West Elk Mine

Mountain Coal Company, LLC



Outstanding Safety Performance

Cripple Creek and Victor Mine
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