

WELCOME NEW MEMBERS



















































NMA FALL MEETING AGENDA



- Welcome and Introductions
- Safety Share | Awards
- MINExpo International® 2021
- Approval of Meeting Agenda*
- Approval of Minutes from Board Meeting Held April 21, 2021*
- Executive Committee Report
- Association Report



Adjournment

*Requires Board Action

SAFETY SHARE | AWARDS

Coal Processing

Large

Warrior Met Coal, Inc. | No. 7 Mine | Brookwood, AL

Metal/Nonmetal Mill Freeport-McMoRan Inc. | Freeport-McMoRan Chino Mines Company | Bayard, NM

Open Pit Nevada Gold Mines LLC | Goldstrike Mine | Carlin, NV

Underground Metal Nevada Gold Mines LLC | Cortez District | Crescent Valley, NV

2020 Award Winners

Underground Coal Belmont County Coal Resources, Inc (ACNR) | Century Mine | Beallsville, OH

Small

Underground Coal Kentucky Land Resources, Inc. (ACNR) | Genesis Mine | Centertown, KY

2021 Mine Safety and Health Technology Innovations Award

Mineral/Metal

Coeur Mining

Matrix Design Group | A subsidiary of Alliance Resource Partners Coal









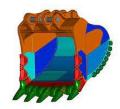












MINEXPO INTERNATIONAL® 2021















MINEXPO INTERNATIONAL® 2021

Our Commitment to Safety

Health and safety is our top priority. We are committed to following the guidance of the CDC, state and local authorities, as well as the Las Vegas Convention Center.

Safety protocols you can expect at MINExpo®:

- Currently in Nevada, masks are required indoors for both vaccinated and unvaccinated individuals
- We will continue to follow the guidance of the CDC, federal, state and local governments regarding indoor masking requirements and social distancing
- Rigorous employee training to uphold preventative measures and reporting functions
- Effective use of approved disinfectants and delivery systems
- Rapid response protocols for skilled health and safety professionals
- Accessible hand washing and/or sanitizing systems





MINEXPO INTERNATIONAL® 2021

Schedule of Events

Monday, Sept. 13

Ribbon Cutting 8:30 AM 9:00 AM - 5:00 PMExhibit Halls Open Opening Session 10:00 AM 2:00 PM - 3:15 PM Environmental, Social and Governance Session

Tuesday, Sept. 14

8:30 AM - 9:45 AMSafety Session Exhibit Halls Open 9:00 AM - 5:00 PM11:15 AM — 1:15 PM Awards Reception Diversity, Equity and 2:00 PM - 3:15 PM **Inclusion Session**

Wednesday, Sept. 14

8:30 AM - 9:45 AM 9:00 AM - 5:00 PM10:00 AM - 11:45

Artificial Intelligence

Session



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NMA ESG Task Force Members



















































ENVIRONMENTAL, SOCIAL AND GOVERNANCE (ESG) NMA ESG Key Performance Indicators

Minerals Producers

Goal Producers

Equipment Manufactures

Recycling Company

November 2020 – **20** Companies and **28** people

16 Task Force Meetings
Average Participation: **19** people

were "more confident" or "significantly more confident" in their knowledge of general ESG topics after attending the ESG Taskforce meetings

89% have taken action on an ESG topic since joining the ESG Taskforce – most actions were environmental (67%)

Some took action on social **(44%)** and governance **(33%)** topics

67% have since implemented an ESG policy or policies

67% will refer stakeholders to the NMA climate position to show how our industry is responding to ESG topics

August 2021 – **24** companies and **44** people

4 Resource Sessions Average Participation: **21** people

67% will refer stakeholders to the NMA health & safety position to show how our industry is responding to ESG topics

67% will refer stakeholders to the NMA human rights position to show how our industry is responding to ESG topics

Commodities Represented

Aluminum, Borates, Diamonds, Chrome, Coal (Met and Thermal), Copper, Gold, Iron Ore, Lead, Limestone, Molybdenum, Nitrogen, Potash, Porphyry, Phosphate, Platinum B Group Metals including Platinum, Rhodium and Palladium, Salt, Silver, Titanium Dioxide and Zinc producers, Mining Equipment Manufacturers and Materials Recycling Companies

Survey Results – 9 Respondents

Inform Stage Recap

ESG Platform

Inform Stage

Formulate Stage

Action Stage

External Task Force Presenters

- Blackrock
- London Metal Exchange
- Ford
- Responsible Steel
- BMW
- Google
- Sector specialist FIPC Chris Anderson
- Mining Association of Canada

NMA Member Task Force Presenters

- CONSOL Energy, Inc.
- Freeport-McMoRan, Inc.
- Nutrien, Ltd.
- Rio Tinto Group
- Newmont Corporation
- Teck Resources Limited

Topics

- Goals, expectations and concerns
- Facilitator introduction and plan/structure/timing for taskforce
- Landscape of industry ESG initiatives
- Material ESG issues
- ESG disclosure reporting and indexes
- Managing investors and metals exchanges
- Responding to customers' evolving expectations
- Member identified issue climate change
- Bonus customer meeting
- Member identified issue human rights with a focus on indigenous peoples

Status

ESG Platform

Inform Stage

Formulate Stage

Action Stage

- Practical Tools for Members to Navigate ESG Frameworks and Topics
 - Continued peer exchange via the Task Force
 - Resource sessions open to all NMA members
 - Bettercoal
 - The Copper Mark and (proposed) Multi-Metal Approach
 - Towards Sustainable Mining
 - Choosing an ESG Standard or Framework
 - Leveraging ESG to Reduce the Costs of Risk & Insurance
- NMA Position Statements on top ESG issues:
 - Climate change (refresh existing)
 - Human rights
 - Health & safety (refresh existing)

Stakeholder Advocacy:

- Reporting/operating frameworks
- Administration regulations

Next Steps

ESG Platform

Inform Stage

Formulate Stage

Action Stage

Remains Member Driven

- **Resource Sessions Topics on the Bench**
 - Reporting on and measuring community engagement and program impacts/outcomes
 - Measuring Scope 3 original equipment manufacturers and mining companies
 - Selecting and setting Greenhouse Gas (GHG) targets
 - Long term net zero planning/scenario analysis/climate smart mining
 - Off-grid options and innovations for GHG emissions reductions
 - Align with United Nations Sustainable Development Goals
 - ESG data management
 - Communicating ESG/ESG storytelling

Stakeholder Advocacy:

- ✓ Reporting/operating frameworks
- Customers
- Investors
- Administration regulations

NMA Positions Statements ESG Issues:

- ✓ Climate change
- ✓ Health & safety
- ✓ Human rights
- Land-use and biodiversity
- Water

- Air quality
- Hazardous waste
- Diversity, equity and inclusion

Highlighting Member ESG Performance

NMA ESG website



WARP SPEED POLITICS: EVERYTHING AT ONCE

The future of mining is being set now...

Spring

First \$1.9 trillion budget resolution and American Rescue Plan Act

Summer

Bipartisan Infrastructure Investment and Jobs Act

Fall

Second budget resolution unlocks second \$3.5 trillion partisan reconciliation bill

Right Now

House/Senate partisan reconciliation bills wish list



WARP SPEED POLITICS: RIGHT NOW

How the Budget Reconciliation Process Works:



1

Budget resolution adopted that includes reconciliation directives to individual committees

Reconciliation bill considered on each chamber floor. Simple majority needed for Senate passage

2a

Specific committees report legislation in response to reconciliation drives

Generally, the Budget Committee in each chamber packages responses together and reports a bill

Reconciliation bill enacted into law or vetoed

 Difference resolved between chambers (conference committee or amendment exchange)

Markups in the House

Sept. 2 Natural Resources Committee

Sept. 9 Education & Labor Committee

Sept. 9-14 Ways & Means Committee

Sept. 13 Energy & Commerce Committee

Sept. 14 Transportation & Infrastructure Committee

End of Sept. Rules Committee

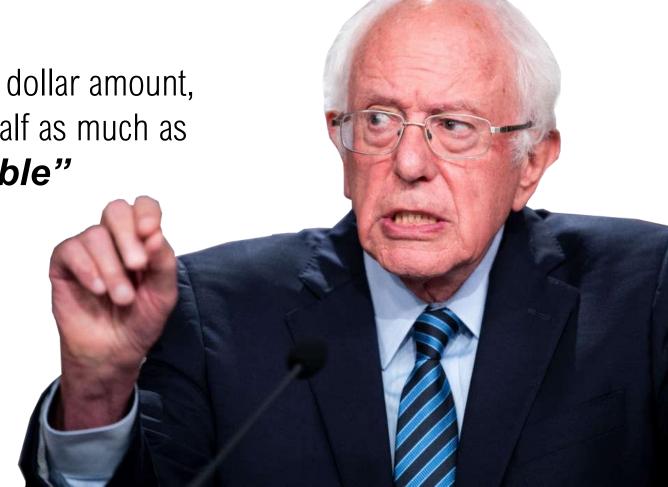
TBD House floor

RECONCILIATION: SANDERS

"This is, in my view, the minimum of what we should be spending."

Sen. Bernie Sanders (I-Vt.) Senate Budget Committee Chair

Sanders has remained steadfast on that dollar amount, calling the number, which is just over half as much as he initially proposed, "non-negotiable"



RECONCILIATION: MANCHIN

Why I Won't Support Spending Another \$3.5 Trillion

"Instead of rushing to spend trillions on new government programs and additional stimulus funding, Congress should hit a <u>strategic pause</u> on the budget-reconciliation legislation."



RECONCILIATION: SINEMA

"I have also made clear that while I will support beginning this process, I do not support a bill that costs \$3.5 trillion."

Sen. Krysten Sinema (D-Ariz.)



RECONCILIATION: KELLY

"I want to see it paid for—but I want to see this process move forward."

Sen. Mark Kelly (D-Ariz.)



RECONCILIATION: TESTER

Sen. Jon Tester (D-Mont.), a possible swing vote, said of the \$3.5T price tag, "That's a big amount." But he made clear he is open to it depending on what's in it and how it's paid for. Asked if he was ruling it out, he said, "Absolutely not."



RECONCILIATION: MANCHIN ON ENERGY

"I'm concerned about the energy and energy for our whole country—how we're going to be able to maintain a reliable, affordable and dependable energy."

Sen. Joe Manchin (D-W.Va.)





RECONCILIATION: MINERALS

Partisan Policy Targets

- New mineral royalty: 8% on new and 4% for existing mining operations on federal land
- New dirt tax: 7 cent per ton on federal land
- Claims maintenance fees raised to \$200
- \$2.5 billion for mineral reclamation
- Arizona strip withdrawal
- Cancelation of Oak Flats land swap



RECONCILIATION: MINERALS MESSAGING



NMA @NationalMining · 23h

Eighty four percent of Americans want the materials required for our nation's bridges, roads, water and energy systems to be sourced



NMA @NationalMining · 3h Electric vehicles depend on mining.





Daily on Energy: House Democrats take on industry with mining royalties

House Dems seek hardrock mining reform in reconciliation



BY JAMES MARSHALL | 08/27/2021 01:36 PM EDT

National Mining Association CEO Rich Nolan said parts of the "wish list of pent-up partisan proposals" would be "an anchor" on the mining industry.

"Hardrock proposals in the past have been incredibly punitive on the industry and cuts directly against the administration's goals to buy American and re-shore supply chains including domestic mineral production," Nolan said.

Chief among Nolan's concerns is creating a hardrock royalty. For coal, miners pay a percentage of the gross value resources extracted on public land to the federal and state governments.

In Nolan's view, coal and hardrock mining aren't a one-to-one comparison when it comes to royalties because processing hardrock ore is more expensive. Raw copper ore, for instance, might have grades of less than 1%.

"We've always been supportive of a net royalty as opposed to gross. A lot of the material we're moving has no economic value," Nolan said, noting that mining companies also pay taxes and other fees.

RealClear Energy

The Energy Transition Is Sending Mineral Demand Soaring. Will the U.S. Rise to the Occasion to Meet it?

Punitive Hardrock Mining Fees Obstruct Economic Recovery, Job Creation, Infrastructure

INSTEAD OF RAISING REVENUE, EXCESSIVE FEES ON MINING WILL DRIVE MORE

Whether it's infrastructure, reshoring industry and critical supply chains, creating high-paying jobs, or supporting the pivot to electric vehicles and electrification, U.S. mining is essential.

Even as the International Energy Agency, the World Bank and others are projecting mineral demands growing more than 1,000 percent, the Natural Resources Budget Reconciliation Act contains punitive proposed fees on hardrock mining and land withdrawals that would further deepen our already alarming import reliance. The result? The U.S. could be sitting on the sidelines of a global economic recovery and energy technology race, relying on China and other countries for the mineral needs that are vital to

Natural Resources Budget Reconciliation Act: Proposes an8 percent gross royalty on new mining operations and a 4 percent gross royalty on existing operations. It would also establish a 7 cent-per-ton tax on dirt, rock and other materials

Punitive Royalty and Dirt Taxes Will

Real-life impact: An 8 percent punitive gross royalty on new operations, along with a 7 percent "dirt tax," will erode the Real-tire impact: An 8 percent punitive gross royalty on new operations, along with a 7 percent form tax," will erode the certainty mining proponents, value in the U.S. and threaten the industry's long-term viability. Application of a 4 percent form of a 4 percent form. Deter Mining on Federal Lands certainty mining proponents value in the U.S. and threaten the industry's long-term viability. Application or a spercer gross royalty on existing operations also exposes the federal government to litigation under the U.S. Constitution's gross royalty on existing operations also exposes the rederal government to illigation under the U.S. Constitution's takings clause. As compared to a net royalty, a gross royalty inherently increases the risk of a given mining investment.

The proposed 7 cent tay per top dirt tay course event top of dirt proposed. Usedepok printed events in the performance of the performa The proposed 7 cent tax per ton dirt tax covers every ton of dirt moved. Hardrock mineral exploration and extraction is The proposed / cent tax per ton drit tax covers every ton or drit moved. Hardrock mineral exploration and extraction is dramatically different from any other natural resource. The extracted rock from metal ores contains only a minor fraction

These new burdens ignore the extensive taxes already imposed on mining companies in the U.S. In 2019, domestic These new burdens ignore the extensive taxes already imposed on mining companies in the U.S. In 2019, domestic mining activity generated an estimated \$18 billion in federal, state and local taxes that supported direct, indirect and indirect taxes and other federal activities below about the total "november taxes and other federal activities below about the total "november taxes and other federal activities below about the total "november taxes and other federal activities below about the total "november taxes and other federal activities below to the total "november taxes and other federal activities below to the total "november taxes and other federal activities below to the total "november taxes and other federal activities below to the total "november taxes and other federal activities below to the total "november taxes and other federal activities below to the total "november taxes and other federal activities below to the total "november taxes and other federal activities below to the total "november taxes and other federal activities below to the total "november taxes and other federal activities below to the total "november taxes and other federal activities below to the total "november taxes and other federal activities below to the total "november taxes and other federal activities below to the total "november taxes and other federal activities below to the total "november taxes and other federal activities below to the total "november taxes and other federal activities below to the total "november taxes and other federal activities below to the total "november taxes and other federal activities below to the total "november taxes and other federal activities below to the total "november taxes and other federal activities to the total "november taxes activities to the mining activity generated an estimated \$18 billion in rederal, state and local taxes that supported direct, indirect and induced taxes of \$41 billion. As various studies have shown, the total "governmenttake" (royalties, taxes and other fees) and the state of the s induced taxes of \$41 billion. As various studies have snown, the total governmentrake (royalnes, taxes and other reformations in the U.S. is in the 40 to 50 percent range, similar to other major mineral producing countries. These countries is the studies of the countries of the for operations in the U.S. is in the 40 to 50 percent range, similar to other major mineral producing countries. These studies suggest that even a small federal royalty will push the U.S. beyond the upper limit of this range and thereby impair and the upper limit of this range and thereby impair and the upper limit of this range and thereby impair. studies suggest that even a small receral royalty will push the U.S. beyond the upper limit or this range and thereby impact our global competitiveness, negatively impact employment and tax revenues, and drive mining activity off federal lands. our groun companies on the property of the state of the s inevitably, such punitive measures would increase our reliance on foreign sources of minerals, which is already at a national supply chain vulnerabilities for the U.S. manufacturing, energy, infrastructure, and defense

The mining industry has publicly committed to working in a bipartisan way towards finding a compromise on royalties that

Natural Resources Budget Reconciliation Act Proposes new land withdrawals.

Access to Federal Lands is Critical

Real-life impact: Currently, new mining operations are already either restricted or banned on more than half of all to Domestic Supply Chain Security



RECONCILIATION: COAL

Partisan Policy Targets

- New coal royalties: 20 percent on new leases
- Repeals Department of Interior discretion to award royalty relief
- Repeals deferred coal bonus payments
- Establishes a minimum coal rate per acre fee
- Reduces length of lease terms and renewal periods
- Increases fees and doubles penalty amounts
- Clean Electricity Payment Program
- Fees on methane emissions



RECONCILIATION COAL: MESSAGING

Count on Coal @ @countoncoal . 1h

COAL As it charts the course for our energy future, Congress must incentivize the maintenance of storable fuels that will support reliability and resilience when the need arises (2/2)



Count on Coal @ @countoncoal . 1h

Increased reliance on weather-dependent sources of power and just-intime fuel delivery are actively taxing grids across the country - and some are failing. As our grid transitions, our policymakers must recognize the





NEWS BLOG STATES RESOURCES

The Wrong Way to Approach Grid Transition

THE CLEAN ELECTRICITY PAYMENT PROGRAM (CEPP)

The CEPP will dismantle the balance and fuel security that underpin grid reliability and resilience by fast-tracking the adoption of renewables well before the extensive new infrastructure required to keep the lights-on is even permitted or built.

As the grid incorporates an increasing amount of variable power from weather-dependent resources, a vast, new network of transmission infrastructure and long-lasting energy storage will be needed — specifically, more than 200,000 miles of high-voltage transmission needs to be built and an estimated 120 gigawatts of storage added to the grid, coast to coast. Incentives to retire well-operating, fuel-secure assets in advance of this vital work are simply bad policy.

Fuel diversity breeds reliability. Policymakers should proceed with thoughtful planning and a full examination of the reliability and affordability impacts of rapid change, not force change through using policy gymnastics. Last winter and this summer, areas across the country that were able to keep the lights-on, did so only thanks to the backstop provided by a diversity of fuels available within their

In June 2021 during

- transmission systems In February 2021, as the Texas grid collapsed, on the Midcontinent Independent System (MISO) grid, coal came to the rescue to keep power flowing, supplying more than half of daily power demand.

Regulators, grid operators, utilities, policymakers and other experts are all warning of increasing reliability

- North American Electric Reliability Corporation CEO Jim Robb: "In our hurry to develop a cleaner resource base, reliability and energy adequacy has to be taken into consideration.... I know that operators and planners are working very, very hard to preserve reliability, but they're continually asked to do so and manage your grid under more and more challenging conditions."
- Federal Energy Regulatory Com

FUEL DIVERSITY AVERTING AN ELECTRICITY RELIABILITY CRISIS The electricity grid is facing a reliability crisis, increasing reliance on intermittent power, and just-in-time fuel delivery through oversubscribed pipelines, too often leaves the grid short of the capacity required to deliver reliable power. Better valuing the fuel diversity and security the existing U.S. coal fleet offers will be critical to managing the energy transition.

THE UNITED STATES' RELIABILITY CRISIS

Bisckouts, or the threst of them, are now a near-constant reality for residents from California and Oregon to Texas and New York, but why? A greater reliance on weather-dependent and just-in-time power sources, before sufficient infrastructure can be built or affordable battery technology is available, has introduced new vulnerabilities to the grid.



JUST-IN-TIME FUEL DELIVERY

In February 2021, 70% of Texas lost power during a winter freeze. While their freeze pipelines halled the just in-time delivery of natural gas, the Midcontinent Independent System Operator (MISO) kept Americans warm with 45GW of coef-

TERMITTENCY OF RENEWABLE POWER

In solar adoption results in extreme peaks in solar power in the need for utilitynerated power. Known as the Duck Curve, the trend forces grid operators to ambie to ensure back up generation is ready to ramp and backfill generation. is when they appear—posing sharp challenges to reliability.

SING ENERGY CYBERATTACKS

May 2021, the Colonial Pipeline cyberattack halted 5,500 miles of pipeline service t carries over 3 million barrels of fuel a day. The result was widespread gas rtages and price spikes for residents from Texas to New Jersey.



WITH PROPOSED SOLUTIONS

energy storage and the addition of high-voltage transmission lines as solutions ptions face their own technological or political setbecks.

19e by 2050

THE TRANSMISSION LINE HURDLE

New high-voltage transmission lines are key to moving power supplies from areas of surplus to areas of deficit However, permitting and building new transmission lines has grown increasingly difficult. Estimates show that an additional 290,000 miles of high-voltage transmission would need to be constructed to achieve wind and solar ambitions.

And instead of the rate of transmission-line additions going up, it is going down with only about 1,300 miles completed in 2018 versus a peak of approximately 4,500 miles in 2018.

The wheels on Europe's rapid energy transition are threatening to come flying off if energy prices continue to rise and reliability challenges continue to mount



A warning for America and reminder to value traditional power source

RESHAPING THE U.S. ELECTRICITY MIX BY 2030 IS FULL OF POTENTIAL PITFALLS - JUST ASK **EUROPEAN CONSUMERS**

Proposing to upend the nation's electricity mix and do it at warp speed is policy that at the very least deserves transpare discussion and requires extensive planning. Tucked into the reconciliation package is just such a proposal. The Clean Electricity Payment Program will throw vast sums at utilities to transform their generating fleets and do so in less than decade. It is - as The Wall Street Journal editorial board recently described - "a national renewable-energy mandate or

The ramifications of this plan for consumers and the grid, particularly grid reliability, could be extraordinary. But despit sweeping changes such a plan could bring to the nation's power sector and every dimension of our economy, there will almost no debate. The partisan nature of the reconciliation process doesn't allow for it.

RECONCILIATION: TAX

Corporate and International Tax Rate

- 28 percent corporate rate
 Senator Manchin 25 percent corporate rate
- 15 percent corporate minimum tax
- Global Intangible Low-Taxed Income (GILTI) increase from 13 percent to 21 percent

Energy Taxation

- Eliminating fossil fuel tax preferences including percentage depletion
- Black lung excise tax increase
- Cross-Border Pollution Tax
- Threat to carbon sequestration credit
- Extending alternative energy credits

Key Bills

House Ways and Means ongoing markup

Chairman Wyden's Clean
 Energy for America Act
 (CEA)

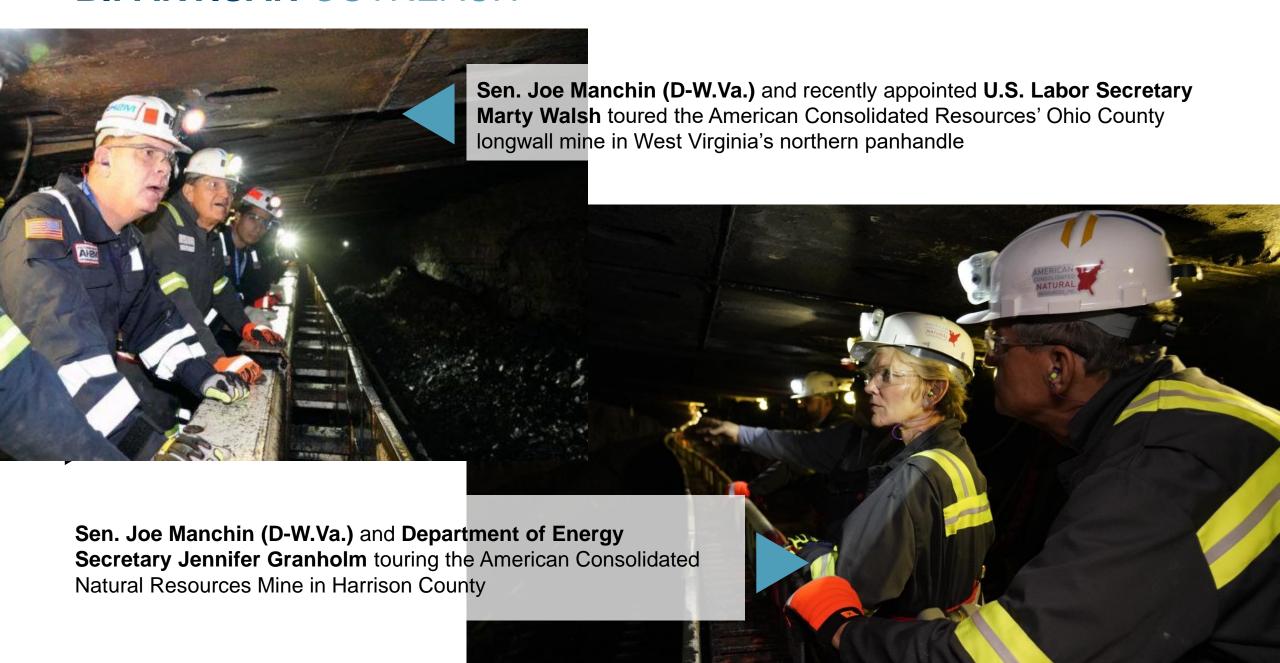




BIPARTISAN OUTREACH



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BIPARTISAN OUTREACH



Sen. Hickenlooper (D-Colo.)



Rep. Hoyer (D-Md.)



Rep. Slotkin (D-Mich.) Rep. Costa (D-Calif.)





Sen. Kelly (D-Ariz.)



Sen. Cortez-Masto (D-Nev.)



Sen. Sinema (D-Ariz.)



Sen. Rosen (D-Nev.)



Rep. Gonzales (D-TX)



Rep. Swalwell (D-Calif.)

vulnerabilities, will not be an easy task, by debate about the best way to secure our na

Please use us as a resource and engage or to providing the of the very resources and need to rebuild our economy.

Jim Costa Member of Congress

Member of Congress

Mike Thompson Member of Congress

Congress of the United States Mashington, DC 20515

June 15, 2021

President Joseph R. Biden, Jr. The White House 1600 Pennsylvania Avenue, NW Washington, D.C. 20500

Dear Mr. President.

We write to express our support for your Administration's renewed focus on strengthening America's supply chain security in order to promote economic recovery, national security, and America a supply chain security in order to promote economic recovery, industrial security, and maintain U.S. competitiveness. Decades of low-cost labor, price manipulation, and market exploitation by geopolitical adversaries has shifted critical supply chains away from the U.S. and created glaring strategic vulnerabilities for our nation and allies.

America's ability to respond to COVID-19 is just the most recent indicator, in a long line of warning signs, that the United States must diversify its supply chains and not be overly dependent on any one country for our economic prosperity. Further, in a global economy, demand for resources and manufacturing components will continue to grow exponentially. A robust, resilient, and strong supply chain provides greater access to the resources necessary to grow the U.S. economy and supports innovative technologies to meet the future needs of our country. There is a direct correlation between the strength of our supply chain and the prosperity and security of our nation, as well as that of our allies.

 $Your\ recent\ Executive\ Order\ on\ America\ s\ Supply\ Chains\ takes\ credible\ steps\ to\ address$ vulnerable U.S. supply chains and will go a long way to securing the availability of critical and essential goods and materials. Refocusing our nation's priorities to support supply chain security is an area of significant bipartisan agreement. We look forward to working with you on bold action that supports domestic mining and the production of raw minerals and materials, core competencies, and industrial processes – including processing, refining, and smelting – essential to the domestic manufacturing, transportation and energy infrastructure, healthcare, and national

Whether we are building semiconductors and solar panels or zero emission vehicles and critical defense technologies, the U.S. must adopt nimble regulatory policies and support public-private mitiatives that harnesses America's innovative spirt and meets our supply chain security challenges head on. Reducing timeframes and streamlining permitting efficiencies - without eroding environmental and safety protections – will incentivize greater private investment in all types of domestic infrastructure and manufacturing processes, enabling the U.S. to recapture what Made In America truly means, and ensure that it is a legacy that lives on for finure

A renewed focus on strengthening U.S. supply chains will also allow key sectors of the U.S. As received notes our strengthening U.S. supply chains will also allow key sectors of the U.S. economy the opportunity to grow and further develop as a global leader in imnovative and technological efficiencies. Changing course, away from our nation's persistent supply chain

Member of Congress

Mike Doyle / Member of Congress Lucy MeBati

Lucy McBath Member of Congress

LAYING THE FOUNDATION FOR THE INFRASTRUCTURE BILL

Abandoned Mine Land Reclamation Fee Reauthorization Act of 2021

Endless Frontier Act / U.S. Innovation and Competition Act

Energy Infrastructure Act

Infrastructure Investment and Jobs Act



BIPARTISAN INFRASTRUCTURE COAL: SETTING UP SUCCESS

Senate Passed Infrastructure Investment and Jobs Act

Fees and Reclamation

- 20 percent cut in fees from coal producers
- \$11.3 billion in legacy abandoned coal mine reclamation

Carbon Capture and Coal to Products

- New carbon capture technology investments
- New carbon infrastructure investments
- New Department of Energy (DOE) grants for coal to products



BIPARTISAN INFRASTRUCTURE MINERALS: SETTING UP SUCCESS

Senate Passed Infrastructure Investment and Jobs Act

Critical Mineral Production and Processing

- \$3 billion authorization for legacy hardrock mine reclamation
- New Department of Energy (DOE) minerals financing and lending eligibility
- New U.S. Geological Survey mapping and research resources

Permitting Reforms

- Extends the Federal Permitting Improvement Steering Council (FPISC)
- Fully enacts American Mineral Security Act provisions on permitting





ADMINISTRATION POLICY OUTREACH: DEPARTMENTS & AGENCIES



White House

Ali Zaidi, Chair Deputy White House National Climate Advisor Brian Deese, Director of the National Economic Council Cedric Richmond, Senior Advisor and Director of the Office of Public Engagement



Council on Environmental Quality

Brenda Mallory, Chair



Environmental Protection Agency

Joe Goffman, Acting Assistant Administrator, Office of Air & Radiation Peter Tsirigotis, Director, Office of Air Quality Planning and Standards Radhika Fox, Assistant Administrator, Office of Water

Matthew Tejada, Director, Office of Environmental Justice

Bob Sachs, Smart Sectors Program, Office of Policy

Elizabeth Corona, Smart Sectors Program, Office of Policy

Chris Reed, Smart Sectors Program, Office of Policy

Peter Hillebrand, Smart Sectors Program, Office of Policy

Sara Hissel-McCoy, Director, Standards and Health Protection Division, Office of Water/Office of Science and Technology

Marcus Zobrist, Chief, Industrial Branch, Office of Wastewater Management, Water Permits Division



Army Corps of Engineers

Jaime Pinkham, Acting Assistant Secretary of the Army for Civil Works Andy Beaudet, Regulatory Program Manager Jacob Siegrist, Mining SME Katherine McCafferty, Regulatory Detail



Department of Energy

Dr. Jennifer Wilcox, Acting Assistant Secretary, Office of Fossil Energy Shuchi Talati, Chief of Staff, Office of Fossil Energy

Angelos Kokkinos, Associate Deputy Assistant Secretary, Office of Clean Coal and Carbon Management (OCCCM)

John Litynski, Deputy Director, Advanced Fossil Technology Systems, Office of Clean Coal and Carbon Management

Traci Rodosta, Program Manager, Division of Minerals Sustainability, OCCCM Sarah Forbes, Physical Scientist, Division of Minerals Sustainability, OCCCM Anna Wendt, Physical Scientist, Division of Minerals Sustainability, OCCCM John Lushetskay, Senior Advisor in the Loan Programs Office Jack Lewnard, Program Director, Advanced Research Projects Agency-Energy



Department of the Interior

Tommy Beaudreau, Deputy Secretary

Laura Daniel Davis, Principal Deputy Assistant Secretary for Land and Minerals Management

Nada Culver, acting director, Bureau of Land Management

Danna Jackson, Counselor to the Director

Nick Douglas, Assistant Director, Office of Energy, Minerals, and Realty Management



Department of Defense

Jesse Salazar, Deputy Assistant Secretary of Defense for Industrial Policy Matthew D. Zolnowski, Office of the Deputy Assistant Secretary of Defense for Industrial Policy

Aditi Kumar, Special Assistant to the Deputy Assistant Secretary of Defense for Industrial Policy

Kim Herrington, Acting Principal Director of Defense Pricing & Contracting
Danielle Miller, Director of Assessments and Investments, Office of the Under Secretary

of Defense for Acquisition and Sustainment Brian Gabriel, Industrial Analyst



Nuclear Regulatory Commission

Patricia K. Holahan, Director, Division of Decommissioning, Uranium Recovery, and Waste Programs

William Von Till, Branch Chief, Uranium Recovery License Branch



Department of Commerce

Monica Gorman, Deputy Assistant Secretary

Gary Stanley, Director, Office of Materials Industries Industry and Analysis

Kit L. Rudd- Senior International Trade Specialist, Office of Transportation and

Machinery, International Trade Administration

Salim Bhabhrawala, Critical Minerals Sector Lead, Industry & Analysis, Office of Textiles, Consumer Goods & Materials

Scott Kennedy, Director, Office of Transportation and Machinery, Industry and Analysis, International Trade Administration



Department of State

Sara Ferchichi, Senior Energy Officer, Bureau of Energy Resources

Mark Pituch, Energy Officer, Division of Energy Transformation (ENR/ETR), Bureau of Energy Resources



Small Business Administration

Astrika Adams, Assistant Chief Counsel, SBA Office of Advocacy



WHITE HOUSE SUPPLY CHAIN REVIEW

Interagency Group Established to Review Mining Law and Regulations

- Interagency team with expertise in mine permitting and environmental law to:
 - Identify gaps in statutes and regulations that may need to be updated to ensure new production meets strong environmental standards throughout the lifecycle of the project
 - Ensure meaningful community consultation and consultation with tribal nations, respecting the government-to-government relationship, at all stages of the mining process
 - Examine opportunities to reduce time, cost, and risk of permitting without compromising these strong environmental and consultation benchmarks
- Environmental Protection Agency (EPA) to take the lead in reviewing regulations and identifying gaps
- Also recommends Congress replace outdated mining laws including the Mining Law to
 - Ensure stronger environmental standards
 - Up-to-date fiscal reforms
 - Better enforcement, inspection and bonding requirements
 - Clear reclamation planning requirements



ENVIRONMENTAL PROTECTION AGENCY

Waters of the U.S. (WOTUS)

Status

- Aug. 30, 2021 Arizona judge vacated the Navigable Waters Protection Rule (NWPR), citing "serious environmental harm"
- Uncertainty about nationwide or limited application
- Vacatur reinstates the pre-2015 regulatory regime
- Industry intervenors evaluating legal path forward

Next Steps

- NMA and coalition regulatory and legislative advocacy to limit scope of any new WOTUS definition
- Continued participation in litigation challenges
- Coordinating with Western Governors Association, Republican Attorneys General Association and state regulatory agencies

Regulatory

- EPA and Army Corps have already announced intent to undergo two-step rulemaking process to repeal the NWPR and replace it with a new rule
- NMA participating in agencies' outreach sessions and administrative docket to support retention of NWPR
- EPA and Army Corps halted NWPR implementation nationwide and are interpreting WOTUS as defined under pre-2015 regulatory regime until further notice



SECURITIES AND EXCHANGE COMMISSION

SEC Disclosure Rules

Robust Regulatory Agenda Planned for 2021 through 2022

Four disclosure rules planned:

- Climate (October 2021)
- Human capital (October 2021)
- Payments by resource extraction issuers (April 2022)
- ESG factors related to investment companies and advisers (April 2022)

Climate Reporting up First

- SEC Chair Gensler committed to rule mandating reporting
- Pre-rule public comment period ended in June
- NMA filed comments

Next Steps

 Association engagement to demonstrate comprehensive nature of existing disclosures and scope of SEC authority





ENVIRONMENTAL PROTECTION AGENCY

Affordable Clean Energy Rule

EPA Reconsideration

- Proposal not likely until late summer 2022
- Pre-rule targeted outreach and public listening sessions expected in next 6 months
- Clean Power Plan seen as a starting point but will likely be modified

Supreme Court Review

- W.Va. led 19 states in petitioning for review; N.D. filed separately
- NMA filed brief supporting these petitions
- Government, nongovernmental organizations and aligned states submitted briefs arguing case is moot

- Supreme Court to consider petitions Sept. 27; decision on taking case likely by mid-October
- As new rulemaking commences, NMA will oppose any efforts to force generation-shifting



COUNCIL ON ENVIRONMENTAL QUALITY

Reconsideration of National Environmental Policy Act Reforms

- Two steps planned in 2021 to rollback Trump reforms
- Phase 1 proposal to address administration's top concerns
 - Proposal is already undergoing interagency review at White House Office of Management in Budget (OMB)
 - Phase 1 proposal anticipated Summer 2021
- Phase 2 proposal to address administrations remaining concerns
 - Phase 2 scheduled to be proposed in Nov. 2021

- Meet with OMB to on Phase 1
- Engage in rulemaking efforts to support retention of essential reforms with coalition allies





DEPARTMENT OF THE INTERIOR

Endangered Species Act

- Interior poised to revise or rescind all reforms finalized under the previous administration
- Five rules at risk that provided regulatory certainty and needed limitations on the U.S. Fish and Wildlife Service (FWS)
 - Process for considering exclusion from critical habitat designations
 - Definition of habitat
 - Economic Inputs on listing determinations
 - Interagency cooperation
 - Blanket 4(d)

- Engage in new rulemakings to oppose any return to Obama-era policies on expanded designations, onerous mitigation requirements and net conservation gain outcomes
- Working with Governor Gordon (Wyo.), Governor Polis (Colo.), Western Governors Association to engage with FWS





DEPARTMENT OF THE INTERIOR

Sage Grouse Mineral Withdrawal

- Recent court decision requires Interior to reconsider 2017 cancellation of 10-million-acre mineral withdrawal
- Bureau of Land Management recently issued notice it will be preparing a new environmental impact statement for consideration of whether the withdrawal is needed for greater sage-grouse conservation
- Mineralized lands in six western states at risk

- Reinitiate previous successful multi-prong campaign in opposition to the proposed withdrawal to highlight:
 - The lack of necessity for the proposed withdrawal in order to conserve the species and its habitat
 - The importance of federal minerals that would be withdrawn to the economy
 - The high mineral potential of many of the proposed withdrawal areas
 - The legal shortcomings of the withdrawal
- Gather member company data on conservation efforts in support of NMA comments





DEPARTMENT OF LABOR

Respirable Crystalline Silica (Quartz)

 Proposed rule to lower silica exposure limit by 50 percent for all miners expected in first half of 2022



- Highly unlikely that Mine Safety Health Administration will mandate frequency testing in metal/non-metal sector; coal sector will retain
- NMA supports use of powered air purifying respirators and administrative controls to meet new standard

Next Steps

 Fully engage in rulemaking and congressional oversight process to ensure acceptability of use of powered air purifying respirators and administrative controls to meet new standard





GOVERNMENT WIDE

Environmental Justice (EJ) / Tribal Consultation

- EJ is a top priority for Biden administration and will affect siting and permitting of new facilities
- Whole of government approach will impact standards, permits, enforcement and more
- White House Justice40 interim implementation guidance indicates this administration is taking a broad view of what constitutes an EJ community
- Tribal issues will get heightened consideration especially through National Historic Preservation Act Section 106 consultations

Next Steps

 NMA has begun engagement with Department of the Interior and EPA on EJ priorities and best practices for tribal consultations and community outreach

 Fully engage in policies and rulemakings to ensure new requirements are not overly burdensome and do not create additional uncertainties for siting mine projects





TRADE

Utilizing All Trade Opportunities Now

Pushing Trade Priorities

- Encourage free flow of goods and services among highly-integrated economies
- Strict enforcement of trade agreements
- Strong rules of origin for goods
- Include investor-state dispute settlement and recourse
- Provide long-term business certainty (10+ years)
- Protect intellectual property and technologies
- Preclude (foreign) nationalistic language and policies in agreements

Chilean Tax Treaty

- Critical timing
- Rendering U.S. companies uncompetitive

Next Steps

 Fully engage to ensure trade policy creates stabile growth opportunities that support member business





KEY PERFORMANCE INDICATORS



TELLING OUR STORY YTD 2021



INFLUENCING STAKEHOLDERS 2021



DELIVERING VALUE 2021

297 Op-Eds 6.4M

Audience Reached 198 Press Inquiries

President & CEO Op-Eds

Media Audience 2949 Reached

Video 353K

Followers 593K

Administration

6 K + Congressional 446 State Contacts 13

Congressional Letters & Testimony

24 Comments

Coalition/Ally Meetings

Committee 112 Meetings

Memos to 186

MINE Update 34 Newsletters

MINERALS MESSAGING

Jobs Continue to Rule the Day

73%

of Americans believe it is important that the materials for future infrastructure projects in the U.S. are sourced domestically.

73%

of Americans believe it is important that the materials for future infrastructure projects in the U.S. are sourced domestically, so that they will be mined in accordance with some of the world's strictest environmental and labor laws.

77%

of Americans believe it is important that the raw materials for future infrastructure projects in the U.S. are sourced domestically **to create U.S. jobs**.

COAL MESSAGING

Voter Concerns about Speed of Transition and Cybersecurity

of Americans are concerned about the reliability of electricity as the grid transitions to an increasing amount of renewable energy

of Americans are concerned that new incentives for utilities to accelerate their transition to electricity generation from renewable resources like wind and solar is causing utilities to decommission functional coal plants when a future grid hasn't been permitted or built yet

of Americans support policymakers providing a fuel security incentive to power plants that keep weeks or even months of fuel on site, such as coal and nuclear power plants, to guard against cyberattacks

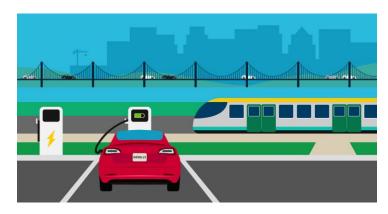
of Americans are concerned that the speed of the transition to renewable sources of power – which rely on the cooperation of the weather – and away from storable dispatchable fuel sources such as coal and natural gas power, is coming at the cost of grid reliability. This question included a prompt tied to blackouts hitting California and Texas, among other states, in just the last year.

of Americans agree policymakers should proceed with caution and maintain traditional sources of power as a grid reliability insurance policy, rather than establishing arbitrary timelines

PROACTIVE MINERALS MESSAGING

U.S. Minerals: The Lynchpin of Biden's Infrastructure Plan

Author: Rich Nolan



A Strong Domestic Lithium Supply Chain Will Secure America's Future

Author: Rich Nolan



[INSIDESOURCES]



Winning the EV Revolution Starts with Supply Chains

Posted to Energy August 11, 2021 by Rich Nolan

6 BILLINGS GAZETTE Guest opinion: Bring the supply chains home

LAS VEGAS SUN

GUEST COLUMN:

'Buy American' policy must start from the ground up

Examiner OPINION

How the 'greens' could upend the green dream

MORNING CONSULT' The Biden Agenda Needs American Minerals BY RICH NOLAN

[INSIDESOURCES]



The Place of Materials in the Energy Crucible

RealClear Energy

Material Supply Constraints Threaten to Derail Climate Progress

By Thomas J. Madison Jr.

UNION LEADER

Environmental movement is torpedoing climate progress

Examiner

Ban on China's slave-labor polysilicon should include other supply chains

News Tribune

National View: Ignoring reliance on imported minerals is irresponsible

knox news.

US can fight global warming with new strategy for nuclear power, mining | Opinion

PROACTIVE COAL MESSAGING

Build Back Better with America's Met Mines

Author: Rich Nolan



THE ROANOKE TIMES
The Electricity Grid Isn't Ready for the EV Revolution

The Washington Times

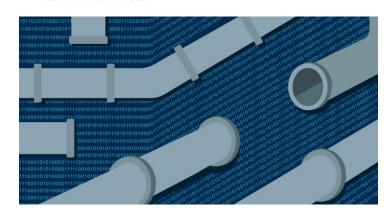
Power utilities warn

of new challenges in the

U.S. this summer

Amid Rising Energy Cyberattacks, Coal is our Insurance Policy

Author: Rich Nolan



Fuel Diversity is a Foundation for Grid Reliability and Affordability

Author: Rich Nolan





Carbon Capture: The Key Answer on Climate Change





Time to Take a Fresh Look at Neglected Coal and Nuclear Power



Tax hikes on energy will hurt the economy and America's competitiveness

reno gazette journal

Are California, Texas blackouts coming for rest of US?

GROWING OUR MULTIMEDIA PROGRAM

Making the Case for Permitting Reform: Infrastructure, EVs and Energy Technology



GROWING OUR MULTIMEDIA PROGRAM

An Established Voice for Coal



IN A TRANSITIONING GRID, FUEL DIVERSITY MATTERS MORE THAN EVER

Grid reliability challenges this summer - from California and the Pacific Northwest to New York - are a clear signal we must better value the insurance provided by a balanced generation mix. But scorching heat aside, February's catastrophe in Texas, that left 70% of the state without power, continues to sound some of the loudest [...]

MADE IN AMERICA MEANS MET IN AMERICA





American steel, forged by American workers with iron and metallurgical coal pulled from American mines, is essential to rebuilding our infrastructure and our industrial base

INFRASTRUCTURE REINVESTMENT: AMERICAN MET FOR AMERICAN STEEL

Infrastructure week was a dream so fragile you could only whisper it for fear saving the words would mark its undoing. But long odds aside, it has arrived and none too soon. The nation's roads, bridges, dams, water systems and electricity grid - just some examples of the breadth of our critically important and diverse [...]

On August 4, 2021 Bloomberg New Energy Finance (BNEF), infrastructure, Joe Biden, metallurgical coal, steel

Addressing the emissions footprint of the energy sources the world actually uses requires U.S. development and investment leadership in carbon capture technologies



CAPTURE THE MOMENT

The Bipartisan Infrastructure Bill marks a massive leap forward for carbon capture, utilization and storage (CCUS). It's a leap forward that should be celebrated for advancing U.S. technological leadership and for advancing U.S. climate leadership. As Brad Crabtree, director of the Carbon Capture Coalition, described, it is "the most ambitious portfolio of carbon management policies [...]

iii On August 11, 2021

 45Q, Brad Crabtree, Carbon Capture Coalition, carbon capture Agency (IEA), National Mining Association (NMA), technology

Coal is having a resurgent summer in the U.S.



Struggling grids across the country are once again counting on coal to come to the rescue -

MISO grid coal demand rose 37% in June and 42% in SPP territory

A GLOBAL COAL BOOM

The global energy transition is feeling far more like global energy addition. Fossil fuels are having quite the moment. The Biden administration is lobbying OPEC to pump more oil and provide relief at the gas pump. Global natural gas prices are soaring, and coal prices and coal demand have jumped to record levels. Energy and [...]

iii On July 7, 2021

affordability, Argus, Asia, Bloomberg, emissions, energy addition, grid reliability, natural gas, technology, Tennessee Valley Authority



Grateful to @Sen_JoeManchin for welcoming me aboard for a fascinating evening discussing US domestic energy priorities & the role eac play in



CHARTING A COURSE TOWARDS GLOBALLY REPLICABLE EMISSIONS REDUCTION

As much attention as domestic climate and energy policy are given, few policymakers seem willing to grapple with global energy trends and reality. Senator Joe Manchin is not one of them. As the senator has repeatedly pointed out, the energy transition and the move away from fossil fuels simply isn't happening in much of the [...]

carbon capture utilization and storage, emissions, Fatih Birol, International Energy Agency (IEA), Jennifer Granholm, Joe Manchi



JUST HOW UNRELIABLE CAN THE GRID BECOME?

As the inclusion of a potential clean electricity standard continues to be linked to infrastructure talks. context is important. The United States is already living on the grid reliability edge and, without thoughtful planning, could be poised to lunge towards the chasm. With the energy transition accelerating, and proposed timelines becoming shorter, just how much [...]

California, emissions, fuel diversity, grid reliability, infrastructure, Texas, Western Electricity Coordinating Council (WECC)



MESSAGING ATLANTIC COUNCIL REPORT

The Role of Minerals in U.S. Transportation Electrification Goals

Summary: Exploration of minerals involved in the electric vehicle ecosystem, expected demand growth, and the strategies policymakers should consider to seek-out and secure resilient and sustainable sources of these minerals.

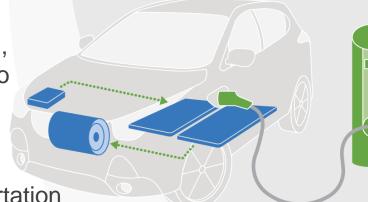


- U.S. import-dependence for certain critical minerals, rapid transportation electrification might also accelerate concerns around global supply chain resiliency and mineral access
- Availability of minerals central to electrification
- Ensuring that the mineral intensity of an EV future does not come at the expense of a sustainable, transparent, and well-governed energy system (if demand is fulfilled by low-standard, poorly sourced minerals)

Risks, Opportunities, Policy Pathways and Recommendations

"Significant domestic natural resources ... represent crucial opportunities for policymakers to ensure sufficient mineral supplies are brought to market quickly. To leverage these resources, policymakers must have the courage to a) de-risk new domestic supply chain activity by reforming the regulatory environment to be more nimble and easily-navigated; and b) establish a framework for direct government investment in key mining and processing activities."





NMA POLTICAL ACTION COMMITTEES

advocating for the fut

New PAC Communications | New Online Donation Tools

MINEPAC COALPAC

- **Bipartisan Contributions**
- \$300,000 Raised | \$600,000 joint goal for 2022 cycle





Meet our PACs.

MINEPAC and COALPAC are the Political Action Committees created by the National Mining Association (NMA) to support our allies in Congress and help elect pro-mining candidates to

What are PACs?

NMA's Political Action

Committees are voluntary and nonpartisan organizations t contributions to support the election of candidates, ballot i legislation that are important to our members. PACs wer federal law in the 1970s and virtually all trade, profession organizations have now created PACs.

thoy important?

\$1,000 \$250 \$500 \$2,500 \$5,000 Email * Phone ° Name ' First Last Address Street Address ☐ I am retired **Employer** Occupation * Card Bank Draft PayPal Card Number TOURIST VISA DISCOVER Exp. Date CVC ZIP / Postal

B Use Your DonorlD (optional)

Thank you for your support and contributions!





BUDGET

	2021 Budget	2022 Proposed
Revenue		•
Producer Dues Non-Producer Dues Rental & Other Revenue Investment	6,060 1,220 338 1,500	6,350 1,365 205 1,800
Total Revenue Expenses	9,118	9,720
Salary & Benefits	7,757	8,179
Occupancy	1,990	2,016
General Operating	674	714
Legal & Regulatory	1,302	1,164
Government Affairs Communications	698 447	1,044 535
Members & Administration Count on Coal	238 900	304 850
Minerals Make Life CORESafety®	900 163	850 140
Total Expense	15,069	15,795
General Operating Reserve Use	5,950	6,075

2022 Budget Highlights

- Resourced for enhanced mining focus from the Biden administration
- Expanding bipartisan outreach, building on success
- Continued expansion and enhancement of NMA multi-media presence
- Additional dues revenue provided through a modest rate increase and new member recruitment
- Gradual return to pre-COVID in-person meetings



