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A black and white photograph of a coal power plant. Two tall smokestacks are visible, with smoke rising from them. In the foreground, there is a body of water, possibly a river or lake. The sky is cloudy. The overall tone is industrial and somewhat somber.

Issue 4 • 2019

From the Mine to the Utility

MEET DAN BROUILLETTE

*CEQ'S PROPOSED
CHANGES TO NEPA*

**RECLAMATION NEWS:
ARCH'S WEST VIRGINIA
ENVIRONMENTAL
AWARDS**

*UPDATED MEMBERSHIP
LISTS*

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letter from THE PUBLISHER



JANUARY 2020

Dear readers,

Welcome to **Issue 4, 2019**. As we close out the year, we are pleased to present the Council on Environmental Quality's long awaited proposed changes to the National Environmental Policy Act governing regulations. NEPA compliance has caused significant project delays and escalated costs in our industry. According to Rich Nolan, NMA president "Our permitting process is broken, and NEPA's problems play a big part in the unnecessary obstacles standing in the way of the responsible use of our natural resources." For further reading, please turn to page ten.

In this issue we meet Dan Brouillette, our new Secretary of the U.S. Department of Energy. Brouillette was sworn in on December 11, 2019. Secretary Brouillette has three decades of experience in both the public and private sector. More about Brouillette can be found on page 8.

Also featured are the recipients of the West Virginia Environmental Awards. Arch Coal, Inc.'s eastern operations were recently honored with four awards.

In our World News section we take a look at EIA's analysis on India's projected energy consumption.

Coal Energy is proud to be able to provide quick news updates gathered from various sources to create a wealth of industry information at the click of a button. From newly released equipment, to quarterly finance news, you can easily review important industry happenings in our press release department, beginning on page 19.

Coal Energy is the source journal for information about coal related associations in the industry. We provide information on different groups to benefit your companies' needs and targets. By providing information at a glance on each group, and including current member lists and events, your company can analyze the forums available to market, promote, and lobby for America's future regarding coal energy. We

are happy to provide you with an updated membership list starting on page 26.

Please visit our website, www.coalenergyonline.com, for current and prior editions of **Coal Energy**.

You can also like and share our facebook page (www.facebook.com/coalenergyonline) created to network with the nations promoters of coal, suppliers of coal, and to serve as a public interface for the image of coal energy.

With the ongoing trend and convenience of electronic publications, we are pleased to inform you our online readership is increasing daily. To be added to our digital delivery database, please send an email to info@martonickpublications.com with your subject as Digital Delivery. We are proud to announce that our facebook page now has a weekly reach of over 5,000 contacts and is liked by over 1,800 individuals and companies who support coal and coal energy.

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And again, thank you for picking up, or clicking on, another edition of **Coal Energy**.

If you have any questions, editorial submissions, advertising interest or just comments about **Coal Energy** please feel free to email me directly at maria@martonickpublications.com.

Warmest regards,

Maria Martonick
President
Martonick Publications, Inc.



ASSOCIATION COMPARISONS



THE NATIONAL MINING ASSOCIATION

MISSION:

NMA's mission is to build support for public policies that will help Americans fully and responsibly benefit from our abundant domestic coal and mineral resources. Our objective is to engage in and influence the public process on the most significant and timely issues that impact mining's ability to safely and sustainably locate, permit, mine, transport and utilize the nation's vast resources.

NMA serves its membership by:

- Promoting the safe production and use of coal and mineral resources
- Establishing a strong political presence in the Nation's Capital
- Serving as the information center for and a single voice of U.S. mining
- Addressing the current and future policy needs of U.S. mining, mining equipment manufacturers and support services members of NMA

<https://www.nma.org>

NATIONAL COAL TRANSPORTATION ASSOCIATION

MISSION:

To promote the safe, economical, and reliable transport of coal by facilitating communication among coal transport, allied industries and associations to maximize sharing of best-practices to serve the needs of industry and the public.

<https://movecoal.org>

AMERICAN SOCIETY OF MINING AND RECLAMATION

MISSION:

ASMR's mission is to represent and serve a diverse national and international community of scientists, practitioners, private industry, technicians, educators, planners, and government regulators involved in mineral extraction and the reclamation of disturbed lands. ASMR promotes the advancement of basic and applied reclamation science through research and technology transfer in the Society's annual meetings, workshops, published proceedings, newsletters, Reclamation Matters magazine, and the ASMR web site.

<https://www.asmr.us>

AMERICAN COAL ASH ASSOCIATION

MISSION:

The ACAA advances the management and use of coal combustion products in ways that are environmentally responsible, technically sound, commercially competitive and more supportive of a sustainable global community.

<https://www.acaa-usa.org>

AMERICAN COAL COUNCIL

MISSION:

American Coal Council (ACC) provides relevant educational programs, market intelligence, advocacy support and peer-to-peer networking forums to advance members' commercial and professional development interests.

ACC represents the collective interests of the American coal industry ~ from the hole-in-the-ground to the plug-in-the-wall ~ in advocating for coal as an economic, abundant and environmentally sound fuel source ACC serves as an essential resource for industry, policy makers and public interest groups. The Association supports activities and objectives that advance coal supply, consumption, transportation and trading.

<https://www.americancoalcouncil.org>

WORLD COAL ASSOCIATION

MISSION:

The World Coal Association is a global industry association comprising the major international coal producers and stakeholders. WCA works to demonstrate and gain acceptance for the fundamental role coal plays in achieving a sustainable and lower carbon energy future. Membership is open to companies and not-for-profit organizations with a stake in the future of coal from anywhere in the world, with member companies represented at Chief Executive level. WCA is the global network for the coal industry.

<https://www.worldcoal.org>

RMEL

MISSION: RMEL, through its diverse membership, educational events, and programs, facilitates the discovery of solutions and strategies for vital issues facing the electric utility industry.

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Meet Dan Brouillette

Secretary
of the U.S. Department of
Energy





Dan Brouillette being sworn in on December 11, 2019.

Danny Ray Brouillette (born August 18, 1962) is an American politician and businessman who has served as the United States Secretary of Energy since December 4, 2019. He previously served as the Deputy Secretary of Energy from August 2017 to December 2019. Brouillette is originally from Paincourtville, Louisiana. He graduated from the University of Maryland.

On October 18, 2019, President Trump announced he would nominate Brouillette as United States Secretary of Energy to replace Rick Perry, who had announced he would step down by the end of the year. On November 7, 2019, President Trump formally nominated Brouillette, sending his nomination to the senate.

Perry formally resigned as Energy Secretary on December 1, 2019, making Brouillette the acting secretary as his nomination was still pending before the U.S. Senate. The next day, on December 2, the Senate confirmed his

nomination by a 70–15 vote. Brouillette was formally sworn in on December 11, 2019.

Dan Brouillette serves as the 15th Secretary of the U.S. Department of Energy. Secretary Brouillette has three decades of experience in both the public and private sector.

He also served as the Senior Vice President and head of public policy for USAA, the Nation's leading provider of financial services to the military community. Before joining USAA, Secretary Brouillette was a Vice President of Ford Motor Company, where he led the automaker's domestic policy teams and served on its North American Operating Committee.




At Ford and USAA, he was part of senior management teams that helped bring to market innovative technologies like auto collision avoidance and remote deposit capture, a technology invented by USAA that allows the use of smart devices to deposit funds into our banking accounts.

Before his transition into the private sector, Secretary Brouillette held numerous positions in government. He was Chief of Staff to the U.S. House of Representatives Committee on Energy and Commerce, which has broad jurisdictional and oversight authority over five Cabinet-level Federal agencies. He also served as Assistant Secretary of Energy for Congressional and Intergovernmental Affairs from 2001 to 2003. In addition, he is a

former state energy regulator, having served as a member of the Louisiana State Mineral and Energy Board from 2013 to 2016.

Secretary Brouillette and his wife, Adrienne, are both U.S. Army veterans and have been married for 28 years. They reside in San Antonio, TX, and have nine children.

Dan Brouillette confirmation vote, December 2, 2019

Party	Votes for ✓	Votes against ✗	Total votes
 Democrats	22	15	37
 Republicans	48	0	48
 Independents	0	0	0
Total Votes	70	15	85

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Proposed NEPA Changes Provide a Positive First Step in Addressing Permitting Inefficiencies

The National Mining Association (NMA) today applauded the Council on Environmental Quality's (CEQ) long-awaited proposed changes to the National Environmental Policy Act (NEPA) governing regulations.

"The mining industry is all too familiar with the project delays and escalating costs associated with NEPA compliance," said Rich Nolan, NMA president and CEO. "Our permitting process is broken, and NEPA's historical problems play a big part in the unnecessary obstacles standing in the way of the responsible use of our natural resources. Today's action is a concrete step in the right direction. The proposal reflects the original intent of NEPA, which is to require a hard look at the environmental impacts of major federal projects, not to stop projects in their tracks."



NMA supports CEQ's commonsense efforts to reduce government bureaucracy while maintaining robust environmental protections. NMA specifically welcomes proposals to bring clarity to the NEPA regulations by refining definitions of key terms, providing page limits and timeframes to ensure expedient reviews, and to allow greater applicant participation in the process under strong agency oversight. The proposal's provisions requiring the streamlining and synchronization of decisions involving multiple agencies and making more efficient use of previous reviews when conducting subsequent related reviews will significantly reduce redundant and duplicative agency reviews. NMA also strongly endorses CEQ's intent to focus reviews on significant, relevant issues and to determine the alternatives analysis process accordingly.

While the U.S. is rich in mineral resources, permitting delays and regulatory uncertainty hamper investment in our domestic resources, increasing our reliance on imports. U.S. government's process for securing the nec-

essary mine permits now takes close to 10 years – one of the longest mine permitting processes in the world. By comparison, permitting processes in Australia and Canada, which have similar environmental standards and practices as the U.S., take between two and three years. Permitting delays have been called the most significant risk to mining projects in the United States.

Our import dependence for key mineral commodities has doubled over the past two decades and continues to rise. The U.S. is 100 percent import dependent for 18 key mineral resources, and more than 50 percent import dependent for an additional 30 mineral commodities – even though we have significant mineral deposits of some of these commodities within our borders. Less than half of the mineral needs of U.S. manufacturing are met from domestically mined resources. As a result, key domestic industries are unnecessarily vulnerable to disruptions from extended, complex and fragile supply chains.



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COUNCIL ON
ENVIRONMENTAL
QUALITY
WASHINGTON,
D.C. 20503**

Fact Sheet: CEQ's Proposal to Modernize its NEPA Implementing Regulations

Today, the Council on Environmental Quality (CEQ) announced a notice of proposed rulemaking (NPRM) titled "Update to the Regulations Implementing the Procedural Provisions of the National Environmental Policy Act." The NPRM will appear in the Federal Register on Friday, January 10, 2020, for public comment.

For the first time in over 40 years, CEQ is proposing to modernize its National Environmental Policy Act (NEPA) regulations. The outdated regulations have slowed and impeded the development of needed infrastructure in communities across the nation. Environmental impact statements (EISs) for Federal highway projects have averaged over 7 years to complete and many reviews have taken a decade or more.

CEQ's proposed rule would modernize and clarify the CEQ regulations to facilitate more efficient, effective, and timely NEPA reviews by simplifying and clarifying regulatory requirements, incorporating key elements of the One Federal Decision policy, codifying certain case law and CEQ guidance, updating the regulations to reflect current technologies and agency practices, eliminating obsolete provisions, and improving the format and readability of the regulations. The proposed rule seeks to reduce unnecessary paperwork and delays, and to promote better decision-making consistent with NEPA's statutory requirements.

Background:

The National Environmental Policy Act (NEPA), signed into law in 1970, is a procedural statute that requires Federal agencies to assess the environmental impacts of proposed major Federal actions. The Council on Environmental Quality (CEQ) issued regulations for Federal agencies to implement NEPA in 1978. CEQ has not comprehensively updated these

regulations in over 40 years, and has made only one limited substantive amendment in 1986.

In 2017, President Trump issued Executive Order 13807 establishing a One Federal Decision policy, including a two-year goal for completing environmental reviews for major infrastructure projects, and directing CEQ to consider revisions to modernize its regulations. In 2018, CEQ issued an Advance Notice of Proposed Rulemaking (ANPRM) requesting comment on potential updates to its regulations. CEQ received over 12,500 comments, which informed CEQ's proposed rule.

CEQ has found that the average length of an EIS is over 600 pages, and that the average time for Federal agencies to conduct these NEPA reviews is four and a half years. However, reviews for some projects have taken much longer. NEPA analyses are frequently challenged in the courts, and while Federal agencies ultimately prevail in many cases, litigation can unnecessarily delay and increase costs for important projects such as needed transportation, water, and other infrastructure that benefit States, Tribes, and local communities. The increased costs and complexity of NEPA reviews and litigation make it very challenging for large and small businesses to plan, finance, and build projects in the United States.

Overview of Key Elements of the Proposed Rule:

- Modernize, Simplify and Accelerate the NEPA Process
 - Establish presumptive time limits of two years for completion of environmental impact statements (EISs) and one year for completion of environmental assessments (EAs)
 - Specify presumptive page limits
 - Require joint schedules, a single EIS, and a single record of decision (ROD), where appropriate, for EISs involving multiple agencies
 - Strengthen the role of the lead agency and require senior agency officials to timely resolve disputes to avoid delays
 - Promote use of modern technologies for information sharing and public outreach

- Clarify Terms, Application and Scope of NEPA Review

- Provide direction regarding the threshold consideration of whether NEPA applies to a particular action
- Require earlier solicitation of input from the public to ensure informed decision-making by Federal agencies
- Require comments to be specific and timely to ensure appropriate consideration
- Require agencies to summarize alternatives, analyses, and information submitted by commenters and to certify consideration of submitted information in the ROD
- Simplify the definition of environmental "effects" and clarify that effects must be reasonably foreseeable and have a reasonably close causal relationship to the proposed action
- State that analysis of cumulative effects is not required under NEPA
- Clarify that "major Federal action" does not include non-discretionary decisions and non-Federal projects (those with minimal Federal funding or involvement)
- Clarify that "reasonable alternatives" requiring consideration must be technically and economically feasible

- Enhance Coordination with States, Tribes, and Localities

- Reduce duplication by facilitating use of documents required by other statutes or prepared by State, Tribal, and local agencies to comply with NEPA
- Ensure appropriate consultation with affected Tribal governments and agencies
- Eliminate the provisions in the current regulations that limit Tribal interest to reservations

- Reduce Unnecessary Burdens, Delays

- Facilitate use of efficient reviews (categorical exclusions (CEs), environmental assessments)
- Allow agencies to establish procedures for adopting other agencies' CEs
- Allow applicants/contractors to assume a greater role in preparing EISs under the supervision of an agency

Request for Public Comment:

- CEQ requests public comment on the NPRM. Comments should be submitted on or before March 10, 2020.

- You may submit comments via any of the following methods:

- Go to <https://www.regulations.gov/> and follow the online instructions for submitting comments to Docket ID No. CEQ-2019-0003.
- By Fax: 202-456-6546
- By mail:
Council on Environmental Quality
730 Jackson Place NW Washington,
DC 20503
Attn: Docket No. CEQ-2019-0003

Public Engagement:

- CEQ will host two public hearings in Denver, CO and Washington, DC.
 - Additional details concerning the hearings.

Additional Information:

- NEPA applies to a broad range of Federal actions, including Federally funded construction projects, plans to manage and develop Federal lands, and Federal authorizations of non-Federal activities such as licenses and permits. NEPA encompasses a variety of activities, including projects involving the construction of roads, bridges, highways, and airports, conventional and renewable energy production and distribution, electricity transmission, water infrastructure, and broadband deployment, as well as management activities on public lands. Such management activities include leases and authorizations for energy production, mining, grazing, and other activities; management of national parks and forests; and environmental restoration projects.

- Under the CEQ regulations, there are three levels of environmental review: environmental impact statements (EISs), environmental assessments (EAs), and categorical exclusions (CEs). Annually agencies prepare approximately 170 EISs and 10,000 EAs, and apply categorical exclusions to approximately 100,000 actions.



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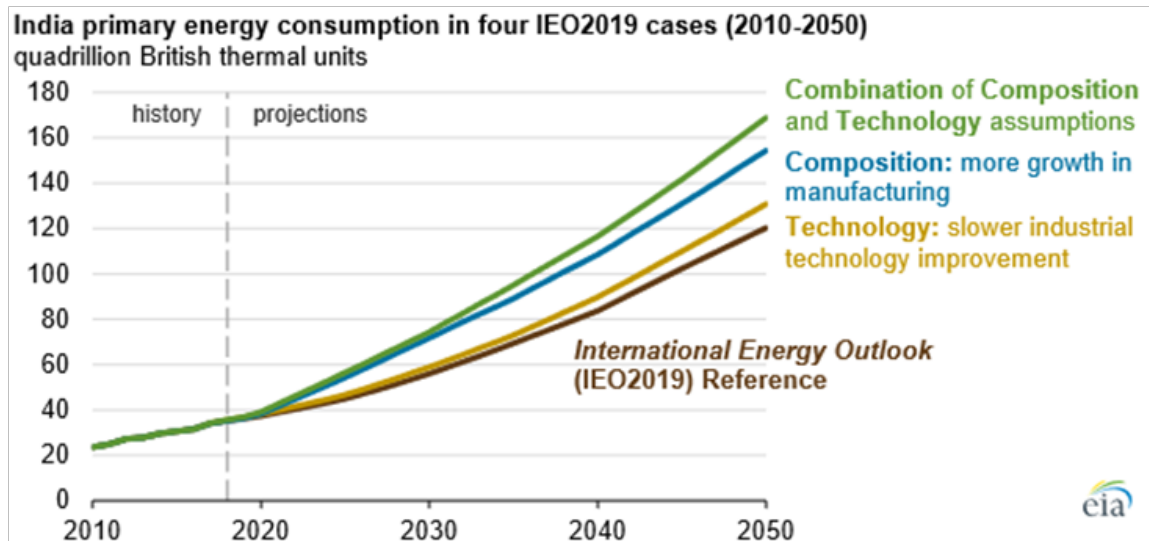


World News: INDIA



EIA ANALYSIS EXPLORES INDIA'S PROJECTED ENERGY CONSUMPTION

/ December 12, 2019



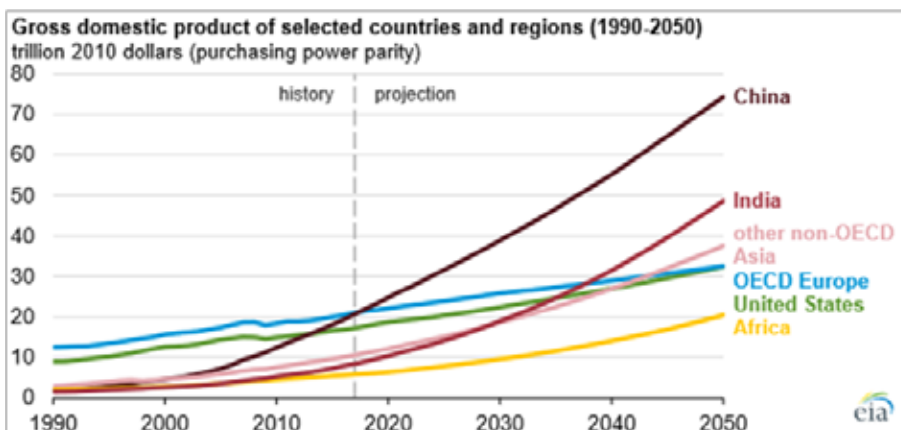
Source: U.S. Energy Information Administration, International Energy Outlook 2019

In the U.S. Energy Information Administration's (EIA) International Energy Outlook 2019 (IEO2019), India has the fastest growing rate of energy consumption globally through 2050. By 2050, EIA projects in the IEO2019 Reference case that India will consume more energy than the United States by the mid-2040s, and its consumption will remain second only to China through 2050. EIA explored three alternative outcomes for India's energy consumption in an Issue in Focus article released today and a corresponding webinar held at 9:00 a.m. Eastern Standard Time.

Long-term energy consumption projections in India are uncertain because of its rapid rate of change magnified by the size of its economy. The Issue in Focus article explores two aspects of uncertainty regarding India's future energy consumption: economic composition by sector and industrial sector energy intensity. When these assumptions vary, it significantly increases estimates of future energy consumption.

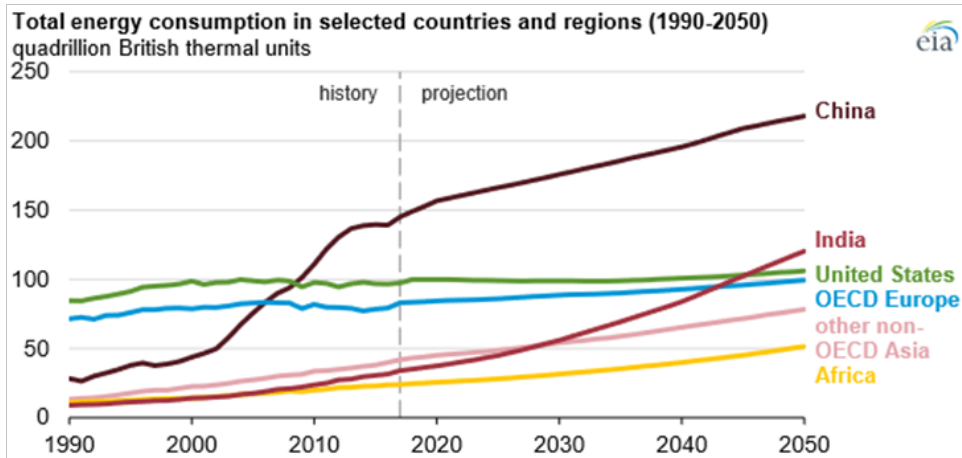
In the IEO2019 Reference case, EIA projects the economy of India to surpass the economies of the European countries that are part of the Organization for Economic Cooperation and Development (OECD) and the United States by the late 2030s to become the second-largest economy in the world, behind only China. In EIA's analysis, gross domestic product values for countries and regions are expressed in purchasing power parity terms.

The IEO2019 Reference case shows India's gross domestic product (GDP) growing from \$9 trillion in 2018 to \$49 trillion in 2050, an average growth rate of more than 5% per year, which is higher than the global average annual growth rate of 3% in the IEO2019 Reference case.



Source: U.S. Energy Information Administration, International Energy Outlook 2019

India's economic growth will continue to drive India's growing energy consumption. In the IEO2019 Reference case, India's total energy consumption increases from 35 quadrillion British thermal units (Btu) in 2018 to 120 quadrillion Btu in 2050, growing from a 6% share of the world total to 13%. However, annually, the level of GDP in India has a lower energy consumption than some other countries and regions.



Source: U.S. Energy Information Administration, *International Energy Outlook 2019*

In the Issue in Focus, three alternative cases explore different assumptions that affect India's projected energy consumption:

Composition case: EIA assumes India's economy shifts toward further growth in manufacturing, which increases energy consumption.

Technology case: EIA assumes India's industrial technology does not advance as quickly as in the IEO2019 Reference case, resulting in greater energy use.

Combination case: EIA combines the assumptions in the Composition and Technology cases.

EIA's analysis shows that the country's industrial activity has a greater effect on India's energy consumption than technological improvements. In the IEO2019 Composition and Combination cases, where the assumption is that economic growth is more concentrated in manufacturing, energy use in India grows at a greater rate because those industries have higher energy intensities.

In the IEO2019 Combination case, India's industrial energy consumption grows to 38 quadrillion Btu more in 2050 than in the Reference case. This difference is equal to a more than 4% increase in 2050 global energy use.

Principal contributors: Elizabeth Sendich, Ari Kahan



PRESS RELEASES

Contura Announces Executive Leadership Changes / BRISTOL, Tenn.,

November 8, 2019

Contura Energy, Inc. (NYSE: CTRA), a leading U.S. coal supplier, today announced upcoming changes to its executive leadership team as approved by Contura's board of directors on November 6, 2019.

On November 15, 2019, Kevin Stanley, executive vice president and chief commercial officer, and Scott Kreutzer, executive vice president and chief strategy officer, will leave their positions at the company.

Effective December 1, 2019, Mark Manno, executive vice president, chief administrative and legal officer & secretary, Suzan Moore, senior vice president – administration and chief human resources officer, and Jill Harrison, senior vice president and general counsel, will also leave their positions at the company.

"Contura recognizes and appreciates the collective contributions of these departing senior leaders as they have served well the company and its predecessor organizations for many years," said chairman and chief executive officer, David Stetson. "As we move the organization forward, it is necessary to capitalize on efficiencies by streamlining and downsizing the executive leadership team, and I am confident that our new framework will better position Contura for the years ahead."

On November 6, 2019, Contura's board of directors also approved the appointment of Roger L. Nicholson as executive vice president, general counsel and secretary, joining the company effective December 2, 2019. Nicholson brings over three decades of legal experience to the organization, including having served as general counsel for two publicly-traded coal companies, International Coal Group, Inc. and Massey Energy Company, over the course of his career. Since 2015, Nicholson has practiced law as a member of the Charleston, W.Va. office of Steptoe & Johnson PLLC.

Stetson praised Mr. Nicholson's deep experience in the energy industry. "Roger Nicholson's background is a perfect fit for the current needs of our company and the strategic vision for Contura's future," Stetson said. "I look forward to welcoming him to our ranks and bringing his vast breadth of experience to work on our behalf."

ABOUT CONTURA ENERGY

Contura Energy (NYSE: CTRA) is a Tennessee-based coal supplier with affiliate mining operations across major coal basins in Pennsylvania, Virginia and West Virginia. With customers across the globe, high-quality reserves and significant port capacity, Contura Energy reliably supplies both metallurgical coal to produce steel and thermal coal to generate power. For more information, visit www.contura-energy.com.

FORWARD-LOOKING STATEMENTS

This news release includes forward-looking statements. These forward-looking statements are based on Contura's expectations and beliefs concerning future events and involve risks and uncertainties that may cause actual results to differ materially from current expectations. These factors are difficult to predict accurately and may be beyond Contura's control. Forward-looking statements in this news release or elsewhere speak only as of the date made. New uncertainties and risks arise from time to time, and it is impossible for Contura to predict these events or how they may affect Contura. Except as required by law, Contura has no duty to, and does not intend to, update or revise the forward-looking statements in this news release or elsewhere after the date this release is issued. In light of these risks and uncertainties, investors should keep in mind that results, events or developments discussed in any forward-looking statement made in this news release may not occur.

Arch Operations Receive Seven Mountaineer Guardian Safety Awards / ST. LOUIS, Nov. 25, 2019 /PRNewswire/

Arch Coal, Inc. (NYSE: ARCH) announced today that its eastern operations were recently presented with seven Mountaineer Guardian Awards by the West Virginia Office of Miners' Health, Safety and Training and the West Virginia Coal Association.

"Operating safely and responsibly is Arch's single highest priority and the cornerstone of our corporate culture," said Paul A. Lang, Arch's president and chief operating officer. "We commend the Arch team for once again demonstrating an unwavering commitment to excellence and to setting the industry standard for mine safety year after year."

Arch's Leer Mine received the state's top underground recognition, the Eustace E. Frederick Milestone of Safety Award, and its Coal-Mac operation was honored with the state's top surface recognition, the Bart B. Lay, Jr. Milestone of Safety Award.

In addition, Mountain Laurel was recognized for excellence in the underground category, and four Arch operations were recognized in the preparation plant category, including Tygart Valley's Leer Plant, Coal-Mac's Holden No. 22 Plant, Mingo Logan's Cardinal Plant, and Beckley's Pocahontas Plant.

"The Arch team is constantly striving to build upon

and strengthen our already deep safety culture," said Doug Conaway, Arch's vice president of safety. "That commitment to continuous improvement in everything we do drives our success and keeps us at the forefront of mine safety leadership. We congratulate all the operations and their high-performing workforces who were recognized with these prestigious awards."

The West Virginia Office of Miners' Health, Safety and Training and the West Virginia Coal Association established the Mountaineer Guardian Safety Awards Program in 1983 to promote safety in the state's coalfields. The program was revised in 2008 to single out two operations each year for special recognition with Milestones of Safety Awards.

U.S.-based Arch Coal, Inc. is a top coal producer for the global steel and power generation industries. Arch operates a streamlined portfolio of large-scale, low-cost mining complexes that produce high-quality metallurgical coals in Appalachia and low-emitting thermal coals in the Powder River Basin and other strategic supply regions. For more information, visit www.archcoal.com.

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President Donald J. Trump Presides Over Swearing In Of Dan Brouillette as 15th Secretary Of Energy / WASHINGTON, D.C. — Dec. 11, 2019

On Wednesday, December 11, 2019, President Donald J. Trump presided over the swearing in of Dan Brouillette to serve as the 15th U.S. Secretary of Energy. Vice President Mike Pence administered the oath of office. President Trump nominated Brouillette in November following the announcement of former Secretary Rick Perry's resignation. He was confirmed last week by the U.S. Senate with a vote of 70-15.

Secretary Brouillette served in the U.S. Army and has three decades of experience in both the public and private sector, most recently as the Deputy Secretary of Energy. The Secretary was joined at the White House today by his wife, Adrienne, and their nine children.

Secretary Brouillette issued the following statement:

"It is with tremendous honor and gratitude that I take the oath to serve this great nation as the United States Secretary of Energy. I want to thank the President and the Members of the Senate for placing their confidence in me to help advance our national security, our energy security, and our economic security through groundbreaking science and technology.

I'd also like to thank my dear friend and predecessor, Secretary Perry, for his unwavering support and remarkable tenure, as well as the hardworking men and women fulfilling our mission across the Department. It's been a blessing to witness first-hand their continued dedication and skill, determination and patriotism.

President Trump's policies have led to a historic era in American energy. We are the world's largest oil and gas producer; second biggest generator of wind and solar power; and continue to lead the entire world in energy-related carbon emissions. I look forward to building on this success as Secretary of Energy and to opening new avenues of progress that will make a lasting difference for our nation and our world."

COAL STORAGE



(Lake Charles, Louisiana)

Borton can help the customer design, plan, and build their coal storage facility. Our experienced engineers can assist with the crucial designing stage. Our experience allows us to utilize the latest technological advancements.

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National Mining Association Names Komatsu Mining's Jeffrey Dawes Chairperson for MINExpo INTERNATIONAL® 2020

/ December 12, 2019

WASHINGTON, D.C. – The National Mining Association (NMA) today announced that Jeffrey Dawes of Komatsu will chair MINExpo INTERNATIONAL® 2020. A longtime leader within Komatsu and the industry, Mr. Dawes is VP of Komatsu's Global Mining Business Division, and President and CEO of Milwaukee, WI-based Komatsu Mining Corp.

Held every four years and sponsored by NMA, MINExpo INTERNATIONAL® is the world's largest and most comprehensive global mining event, bringing together worldwide industry leaders who are ready to purchase the latest equipment and services, explore innovative new technologies, meet face-to-face with suppliers, and make valuable new connections.

"I am honored and excited to be chairing the 2020 show. What an exciting time for our industry and a great moment to gather as one to reveal the future of mining and the latest tools and technologies to meet the world's demand for essential minerals," said Mr. Dawes. "NMA is a strong and steadfast representative of our industry and has made this event a continued source of inspiration, innovation and excitement. We're looking forward to a fantastic show together."

Born in Australia, Mr. Dawes studied Metallurgy at the Western Australian School of Mines in Kalgoorlie and completed a PhD at the Julius Kruttschnitt Mineral Research Center at the University of Queensland. He began his career as a mining consultant, and worked for several mining companies in different capacities before joining Komatsu in 1998.

"As the leader of a company that represents nearly a century of manufacturing excellence, which consistently advances and showcases our industry's best technologies, I can't think of a better chair for MINExpo 2020 than Jeff," said Rich Nolan, NMA President and CEO. "Next year's MINExpo will bring together more than 40,000 attendees – both those who have been in the industry for decades and those who are just beginning their mining careers, representing domestic and international operations and all phases of mining. With its strong domestic foundation in the U.S., but extensive global footprint, Komatsu is an ideal partner for 2020."

MINExpo INTERNATIONAL covers the entire industry—exploration, mine development, open pit, underground mining, processing, safety, environmental improvement and more. MINExpo® 2020 will take place September 28 – 30, 2020, at the Las Vegas Convention Center.

National Miners Day Recognizes the Contributions of Miners

/ December 3, 2019

WASHINGTON, D.C. – The National Mining Association (NMA) this week is recognizing National Miners Day with new polling that highlights the importance of mining to everyday life. National Miners day, December 6, was established to acknowledge the contributions and sacrifices of our nation's miners.

"National Miners Day provides an opportunity to thank our nation's miners, who contribute to nearly every aspect of American life," said Rich Nolan, NMA president and CEO. "In many ways miners are the unsung heroes of our economy, supplying the raw materials that are necessary for everything from smart phones to F-35s, electricity to the infrastructure that carries it to your home. As technologies advance, our need for the products of mining increases and our miners continue to deliver. Surprisingly, most people don't know just how much they depend

on mining – and the hard work of America's miners."

When asked about the importance of mining to their lives, just three in 10 Americans identified mining as important to their daily lives, according to polling conducted by Morning Consult for NMA November 22-24, 2019. But when reminded of all the industries and technologies that rely on the products of mining, that number rises to 72 percent.

Sixty-five percent of voters went on to say that they are supportive of policies that encourage domestic mining and the use of America's natural resources.

The national poll was conducted with 2,195 registered voters, and includes a margin of error of +/- 2 percent.

U.S. Department of Labor Determines No U.S. Mining Operations Met Pattern of Violations Criteria for 5th Consecutive Year

/ November 7, 2019

ARLINGTON, VA – For the fifth consecutive year, none of the nation's more than 13,000 mining operations met the criteria for a Pattern of Violations (POV), the U.S. Department of Labor's Mine Safety and Health Administration (MSHA) announced today. The screening period started on September 1, 2018, and ended on August 31, 2019.

The POV provision in the Federal Mine Safety and Health Act of 1977 is one of MSHA's toughest enforcement tools. MSHA reserves the provision for mines that pose the greatest risk to miners' health and safety, particularly those with chronic violation records.

"The Mine Safety and Health Administration remains committed to regular and consistent enforcement of the Mine Act – including issuing Pattern of Violations notices where appropriate – to fulfill its mission to keep the nation's miners healthy and safe," said MSHA Assistant Secretary David G. Zatezalo. "For the fifth straight year, no mine met POV criteria, evidence that mine operators have become more proactive in eliminating safety and health hazards."

In January 2013, MSHA published its POV rule to strengthen safety measures in the nation's most hazardous mines. Under the regulation, MSHA may consider mitigating circumstances before issuing a POV notice and encourages mine operators to implement a corrective action program if they are approaching POV status.

MSHA developed two online tools to help mine operators monitor compliance: the POV tool, which alerts mine operators that they are approaching POV status and should take appropriate corrective actions; and the S&S rate calculator, which enables mine operators to monitor their "significant and substantial" violations. Between 2011 and 2018, the rate of significant and substantial violations dropped from approximately 32 to 21%, an indicator of safety improvements in mines.

MSHA works to prevent death, illness, and injury from mining and promote safe and healthful workplaces for U.S. miners. MSHA carries out the provision of the Federal Mine Safety and Health Act of 1977 (Mine Act) as amended by the Mine Improvement and New Emergency Response (MINER) Act of 2006. The agency develops and enforces safety and health rules for all U.S. mines regardless of size, number of employees, commodity mined, or method of extraction. MSHA also provides technical, educa-

tional and other types of assistance to mine operators. MSHA works cooperatively with industry, labor, and other federal and state agencies to improve safety and health conditions for all miners in the United States.

The mission of the Department of Labor is to foster, promote, and develop the welfare of the wage earners, job seekers, and retirees of the United States; improve working conditions; advance opportunities for profitable employment; and assure work-related benefits and rights.

Agency: Mine Safety & Health Administration

Release Number: 19-1846-NAT

Contact: Laura McGinnis

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Peabody Honors Global Innovation, Advocacy and Education in Clean Coal Technologies / ST. LOUIS, Nov. 20, 2019 /PRNewswire/

Peabody today recognized the distinguished work of organizations and individuals to advance clean coal technologies with the company's annual Peabody Global Clean Coal Leadership Awards. The awards were presented at POWER-GEN International in New Orleans, La., and included the categories of **High-Efficiency, Low-Emissions (HELE) Innovator; Carbon Capture, Use and Storage (CCUS) Innovator; Clean Coal Advocate and Clean Coal Educator.**

"Coal is essential to affordable, reliable energy and will continue to play a significant role in the global energy mix for the foreseeable future," said Peabody President and Chief Executive Officer Glenn Kellow. "Peabody views technology as vital to meeting energy needs, reducing emissions and advancing global climate change solutions. We are pleased to recognize this year's recipients for their tremendous contributions in continuing to drive toward the ultimate goal of near-zero emissions from this valuable product."

The award honorees included:

Electric Power Research Institute (EPRI) – Honored as HELE Innovator. EPRI has long been a leader in the evaluation and development of HELE coal-fueled generation, among its many research areas. EPRI's leadership includes being the technical lead on the U.S. Department of Energy-funded advanced materials program, which has focused on developing, testing and validating novel metals needed to make advanced ultra - supercritical coal - fueled power plants a commercial reality. EPRI has also focused on numerous other HELE topics including advanced, high-efficiency coal power cycles and carbon capture and storage.

Mitsubishi Heavy Industries (MHI) – Honored as CCUS Innovator. MHI served an integral role in the completion of the world's largest carbon capture project on a coal-fueled power plant. MHI's dedication to carbon capture includes participation in broad stakeholder groups such as the Carbon Utilization Research Council, Carbon Capture Coalition and Energy Advance Center, as well as collaboration on Front-End Engineering Design (FEED) studies to identify the next large-scale carbon capture project.

Carbon Utilization Research Council (CURC) – Honored as Clean Coal Advocate. CURC has long been a leader in advocacy efforts with policymakers, NGOs and other stakeholders to ensure development of advanced fossil energy technologies is an integral part of the larger U.S. national energy strategy. CURC has provided technology development roadmaps, offered Congressional education on technologies, participated in Congressional hearings and played a critical role in the reform of the 45Q tax credit.

Professor Richard Axelbaum, Washington University in St. Louis – Honored as Clean Coal Educator. Professor Axelbaum has provided significant contributions to the field of combustion and the development of a novel coal-fueled pressurized oxy-combustion power plant concept, and possesses a vast understanding of both the fundamental and commercial aspects of advanced coal technologies. As Director of the Consortium for Clean Coal Utilization, Professor Axelbaum oversees the distribution of seed grants to early-stage researchers globally and regularly educates an array of stakeholder groups on the value of coal and progress in minimizing its environmental footprint.

The Peabody Global Clean Coal Leadership Awards program was established in 2014 to highlight innovative leadership and raise the profile of clean coal technologies.

Peabody (NYSE: BTU) is the leading global pure-play coal company and a member of the Fortune 500, serving power and steel customers in more than 25 countries on six continents. The company offers significant scale, high-quality assets, and diversity in geography and products. Peabody is guided by seven core values: **safety, customer focus, leadership, people, excellence, integrity and sustainability.**

For further information, visit **PeabodyEnergy.com**.

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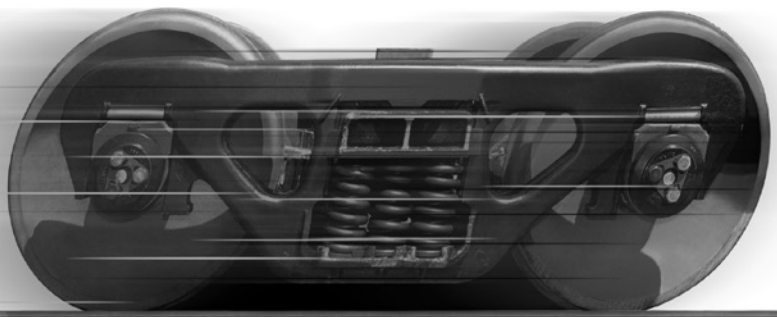
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Arch Operations Garner Four West Virginia Environmental Awards

I September 20, 2019
WASHINGTON, D.C.



Arch Coal, Inc. (NYSE:ARCH) announced that its eastern operations were recently honored with four awards from the West Virginia Department of Environmental Protection and the West Virginia Coal Association.

"Arch's commitment to sustainability includes an uncompromising respect for both the land and the communities in which we operate," said Paul A. Lang, Arch's president and chief operating officer. "We view environmental protection and land reclamation as essential components of the mining process, and as hallmarks of Arch's operations everywhere. The Arch team was honored to be recognized by the state of West Virginia for its dedica-

tion to excellence in these essential areas of performance."

The state's top environmental honor – the Greenlands Award – was presented to Arch's Wolf Run subsidiary and its Beckley mine team for outstanding final reclamation work at an adjacent, long-idled underground mining and processing complex.

Arch's Mingo Logan subsidiary received the Exemplary Construction Techniques Protecting the Environment Award for its industry-leading work at the Mountain Laurel mining complex.

The Good Neighbor Award went to Arch's Coal-Mac subsidiary for its "deter-

mined and successful efforts to extract coal in an environmentally responsible manner," as well as its exceptional commitment to community involvement.

Arch was also honored with the Exemplary Reclamation award for restoring former mine lands to an excellent condition.

"Arch constantly strives to set the industry standard for environmental excellence through our innovative reclamation work and deep commitment to community engagement and corporate citizenship," said Jim Meier, Arch's vice president of environmental affairs. "We congratulate our employees for their exceptional work, and applaud them for their important contributions to Arch's long-term success."

The joint West Virginia Department of Environmental Protection and West Virginia Coal Association Reclamation Awards were established in 1972 to recognize mining companies that achieve the highest level of reclamation and environmental compliance. The Good Neighbor Award was added in 2000 to specifically recognize companies that design and operate mines to minimize impacts on surrounding communities.



INDUSTRY EVENTS

NATIONAL COAL TRANSPORTATION ASSOCIATION

APRIL 6-9, 2020

Spring Conference
Scottsdale, AZ

JUNE 8-10, 2020

Operations and Maintenance
Conference Durango, CO

SEPTEMBER 21-23, 2020

Forty-Sixth Annual Business
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Conference Denver,
CO

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FEBRUARY 2, 2020

Introduction to the Electric
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FEBRUARY 21, 2020

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MARCH 11-12, 2020

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Modern Energy Solutions
Conference

Greenwood Village, CO

MARCH 18-19, 2020

Transmission Planning and
Operations Conference

Greenwood Village, CO

MARCH 24-25, 2020

Distribution Technologies
for Engineering and Ops.
Workshop
Tempe, AZ

MARCH 25-26, 2020

Safety Conference
Austin, TX

MAY 11-13, 2020

2020 Spring Management,
Engineering & Operations
Conference

Austin, TX

SEPTEMBER 14-16, 2020

2020 Fall Executive
Leadership and Management
Conference
Denver, CO

AMERICAN COAL COUNCIL

MARCH 3-5, 2020

2020 Spring Coal Forum
Fort Lauderdale, FL

NATIONAL MINING ASSOCIATION

SEPTEMBER 28-30, 2020

MINExpo INTERNATIONAL
Las Vegas

AMERICAN SOCIETY OF MINING AND RECLAMATION

JUNE 7-11, 2020

ASMR Conference
Duluth, MN

AMERICAN COAL ASH ASSOCIATION

FEBRUARY 4-5, 2020

Winter 2020 Meeting
Scottsdale, AZ

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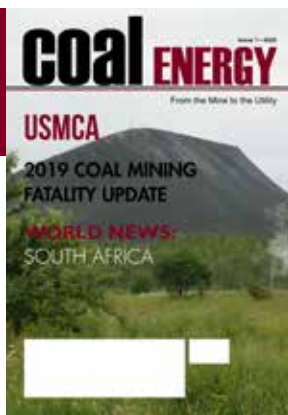


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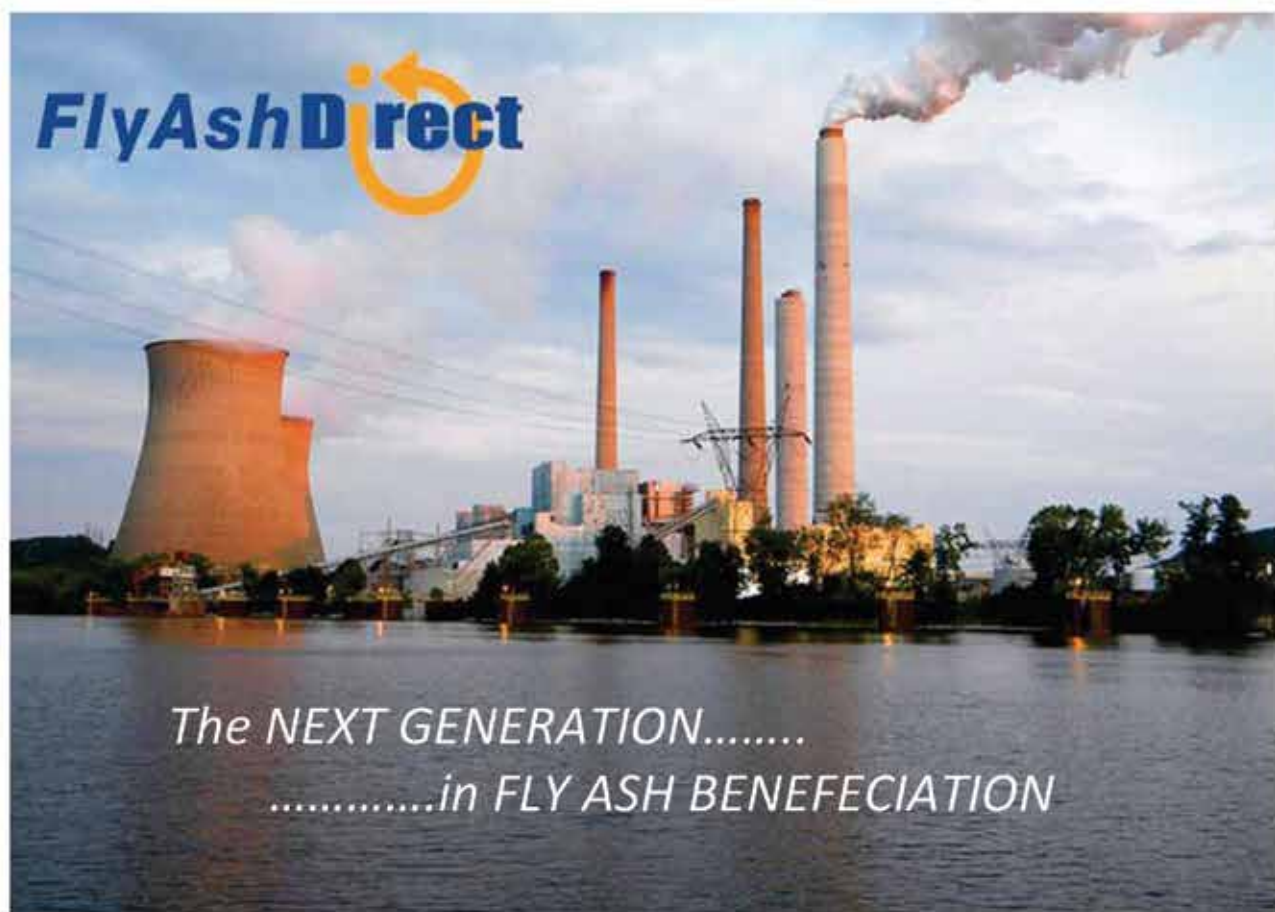
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